



## **Rampion Offshore Wind Farm**



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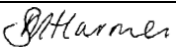
Rampion Offshore Wind Farm –  
Onshore EIA

Botany Technical Report

Prepared For E.ON Climate and  
Renewables

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## FIGURES

*Figure 1 – Location Plan*

*Figure 2 – Phase 1 Habitat Map*

*Figure 3 – Detailed Botanical Survey Areas*

## ***1 INTRODUCTION***

### ***1.1 Purpose of this Report***

This report describes the plants and vegetation recorded along the alignment of a proposed cable route through Sussex associated with a proposed off-shore windfarm development. An outline of the cable route is shown in *Figure 1*. The surveys comprised an extended Phase 1 Habitat Survey carried out in March 2011 and subsequent detailed surveys of selected areas, carried out between May and June 2011.

### ***1.2 Scheme Description***

The proposed cable route is approximately 27 km long running south to north from a landfall site near East Worthing to a proposed substation site east of the existing Bolney substation near Twineham. Construction activities will be undertaken within a fenced strip of land, known as the working width. The working width is expected to be no wider than 40m, comprising 15m for the cable easement, and 25m for additional areas for storage of excavated material and access along the cable trench. The cable easement will not necessarily be central to the working width.

For the purposes of the ecological surveys, a survey corridor of 65m or 125m (depending on the survey-type) was used. For the detailed botanical surveys, the survey area covered a 125m survey corridor. A wider area was surveyed in a few places where a final route had not been decided.

The term ‘cable route’ has been used throughout this report and represents the area within the Development Boundary for the onshore cable.

As shown on *Figure 2*, the ecology survey corridor for the cable route extends further north than the Development Boundary. This is due to the fact that the cable route connection with the substation was not defined at the time of the surveys and therefore a wider survey area was covered.

Ecological surveys undertaken for the proposed substation are detailed elsewhere in the Substation Technical Report (*Appendix 24.11*), although the survey areas do overlap, as shown in *Figure 2*.

### 1.3 *Ecological Context*

The proposed cable route starts at the Sussex coast on the eastern outskirts of Worthing and proceeds in a general north-east direction, crossing the South Downs National Park and terminating east of Bolney Substation.

Between the coast and the A27 road, the route crosses semi-urban habitats, including a golf course, parkland and former allotments, and a section of mostly arable farmland. It then enters the South Downs NP, passing through a landscape of rolling chalk hills predominately converted to intensive arable farming. Beyond Tottington Mount the final half of the route comprises a mixture of arable and pastoral farmland enclosed by hedges.

The route generally avoids large areas of woodland and other semi-natural habitats, though it crosses a few discrete areas of unimproved grassland, most notably at Tottington Mount and Old Erringham Farm Valley and road cutting SNCI. Other noteworthy habitats crossed include coastal shingle, the tidal River Adur and a few narrow woodland corridors.

### 1.4 *Structure of this Report*

The remainder of the report is set out as follows:

- *Section 2* describes survey and evaluation methods;
- *Section 3* presents a description of the vegetation types encountered;
- *Section 4* evaluates results;
- *Section 5* provides references;
- *Section 6* contains the figures;
- *Section 7* lists the Phase 1 target notes; and
- *Sections 8 to 10* provide tables of botanical data (*Section 8* - floristic tables and NVC diagnoses, *Section 9* - species lists and *Section 10* - hedgerow tables).

Vascular plant nomenclature in this report follows Stace (2010). Scientific names are given first, followed by the English name in brackets. Mosses and liverworts follow Hill *et al.* (2008); lichens follow Smith *et al.* (2009).

**2*****METHODS*****2.1*****Survey Constraints***

Access was denied by landowners for a 1 km section of the route between Horn Lane and the A281 road, although it was included in the animal walkover in December 2010 so some information is available, although limited.

A minor route change occurred subsequent to the completion of the botanical surveys to accommodate the 'Teville Stream Restoration Project'. An Extended Phase 1 Habitat Survey was carried out for this area in August 2012 to update the report and appraise the nature conservation value of the habitats involved. These results have been incorporated into this report.

**2.2*****Survey Method*****2.2.1*****Extended Phase 1 Habitat Survey***

The Phase 1 survey was carried out in March 2011 and August 2012, which a good time of year for initially assessing nature conservation value and appraising the need for more detailed surveys. The survey was conducted in accordance with guidelines for the establishment of ecological baselines in environmental impact assessment (Institute of Environmental Assessment 1995); the method is often called 'extended Phase 1 Habitat Survey'. It is based on standard Phase 1 Habitat Survey methods described in Joint Nature Conservation Committee (2003), which involve the following elements.

- Habitat mapping using a set of standard colour codes to indicate habitat types on a Phase 1 Habitat Map (these are shown in *Figure 2*).
- Description of features of ecological or nature conservation interest in notes relating to numbered locations on the Phase 1 Habitat Map, called target notes (for habitat and features of possible botanical interest). These are given in *Section 7*.

There are no firm guidelines to specify what extended Phase 1 Habitat Survey involves, but the Institute of Environmental Assessment (1995) suggests that it simply involves more extensive and detailed target notes, and perhaps plant species listing.

Target notes were written to describe the vegetation associated with the majority of features crossed by the survey corridor, regardless of whether their ecological interest was high or low. The target notes generally describe recognisable land parcels rather than areas of homogeneous habitat spanning across boundaries. In each land parcel, the most abundant species were noted, along with some of the more distinctive species

to characterise the vegetation. Where appropriate, the main vegetation types were described by reference to their NVC type. In the Phase 1 Habitat Survey, NVC communities were identified solely by experience, and no special sampling was undertaken.

### 2.2.2

#### *Phase 2 Botanical Surveys*

The detailed surveys were mostly carried out in late May and June, which is an excellent time of year for botanical recording. Surveys were conducted by a team of botanists from RSK led by Richard Finch, a specialist botanist with over four years consultancy experience. Sites of high ecological interest or where bryophytes were a key feature of the vegetation were surveyed by Dr Richard Carter, Scientific Director of RSK, or Dr Jonathan Mitchley, a Senior Consultant at RSK and Lecturer in the School of Biological Sciences at the University of Reading.

#### *Site Selection*

Information from the Phase 1 Habitat Survey was appraised, and areas potentially requiring further survey were identified. These are indicated by polygons outlined in red in *Figure 3*. The polygons indicate land-parcels selected for re-visit, and within these areas various methods were used to gather appropriate information, ranging from species listing to detailed quadrat recording; in many cases they were further subdivided or amalgamated for detailed recording. All habitat crossed in designated sites was included in the detailed surveys. Beyond that, all examples of calcicolous grassland, unimproved neutral grassland, marshy grassland, woodland and coastal habitats were surveyed, along with hedges and watercourses, only excluding the very species-poor examples. In addition, the better semi-improved grasslands and examples of amenity grassland and arable communities were surveyed.

#### *Species lists*

Vascular plant species were listed in most of the detailed survey sites or sub-compartments thereof. So too were the principal bryophyte species to a reasonably thorough standard, though on a routine basis it was impractical to search exhaustively for every last species in every nook and cranny of every site. At any given time a few plants in a site will not be in evidence for serendipitous reasons, *e.g.* over-topping, temporary removal by grazing. Walk-through surveys should therefore never be regarded as exhaustive, though the lists presented here do adequately indicate the character of the vegetation. Plant species were identified carefully, but at any time of year some species will be indeterminable because they are not in flower, or because only scrappy plants are available. Doubtful identifications are preceded in this report by 'cf.' where the plant is very probably the species indicated, but it is impossible to distinguish it from similar members of the genus with certainty.

Subjective estimates of the relative abundance of species were added to the plant species lists using a modified DAFOR scale. The DAFOR scale ranks species according to their relative abundance in a given parcel of land as follows: d –

dominant, a – abundant, f – frequent, o – occasional, r – rare. In addition, the following prefixes are used: l – locally, v – very<sup>1</sup>. The terms ‘abundant’ and ‘rare’ are used by convention, and apply only to relative-abundance within the recorded area. It does not mean that species are ‘rare’ in the district or the UK at large.

### *NVC surveys*

The methodology of the National Vegetation Classification (NVC) was used to describe the vegetation types present in Phase 2 survey sites (Rodwell 1991a, 1991b, 1992, 1995, 2000, 2006; Rodwell *et al.* 2000). NVC types were largely identified on the basis of observation and experience. Quadrat sampling was not generally carried out where vegetation could be assigned to appropriate NVC types by inspection alone. But quadrat data were nevertheless collected in many sites for the following reasons:

- to support interpretation of the main NVC types in the survey area; and
- to identify the more difficult vegetation types, especially transitions between NVC types, and types poorly covered in the NVC system (Rodwell *et al.* 2000).

Quadrat data were collected from homogeneous stands of vegetation, which were subjectively selected to represent key vegetation types or difficult vegetation types. The cover of each species in a quadrat was estimated by eye and recorded on the Domin Scale (10 - over 90% cover, 9 - 76-90%, 8 - 51-75%, 7 - 34-50%, 6 - 26-33%, 5 - 11-25%, 4 - 5-10%, 3 - under 5% yet abundant, 2 - under 5% and occasional, 1 - under 5% and rare). Wherever possible, 5 quadrats were recorded in each sampled vegetation type, so that not only cover but also frequency estimates were available for each species (i.e. percentage occurrence in a quadrat - a species in 3 quadrats out of 5 has 60% frequency). Because NVC communities are determined primarily in terms of species-frequency, this facilitates the identification of NVC types, and especially improves computer matching to identify NVC types (Rodwell 2006). Two-metre square quadrats were used for grassland and mire vegetation types as recommended in Rodwell (2006) and larger quadrats were used in woodland (4 m in the field-layer, and up to 50 m in the shrub-layer and canopy – not always possible in woodland strips).

The data are presented in *Section 8* as floristic tables in the style of the definitive NVC tables given in *British Plant Communities* (Rodwell 1991a, 1991b, 1992, 2000). Species are ordered by their relative abundance, first by frequency class (class I – 0-20%, II – 21-40%, III – 41-60%, IV – 61-80%, V – 81-100%), and then by maximum cover value on the Domin Scale; any remaining ties are then ordered alphabetically.

Stands of vegetation were identified from quadrat data with the assistance of the computer-program MATCH (Malloch 1999), which computes similarity-coefficients between quadrat data and the published NVC tables that define the NVC communities and sub-communities. This gives only an initial indication of which NVC types the data are most likely to have been drawn from – the highest coefficient does not

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<sup>1</sup> Few plants if any are technically dominant in the vegetation types that occur on the route, and we therefore used the convention A- abundant, F – frequent, O – occasional, R – rare, VR – very rare, which amounts to the same thing as the DAFOR scale, *i.e.* a five-point ranking on relative abundance.

necessarily indicate the correct NVC diagnosis. It was then necessary to identify the NVC type through careful consideration of the NVC descriptions in *British Plant Communities* (Rodwell 1991, 1992, 1995, 2000, Rodwell et al. 2000). In floristic tables in *Section 8*, matching coefficients highlighted in bold text are acceptable NVC diagnoses, while coefficients highlighted in italics are informative but unacceptable.

### *Hedgerows*

All hedges crossed by the route are described in target notes in *Section 7*, and the majority were surveyed in detail to identify ‘Important’ hedges within the meaning of the *Hedgerow Regulations 1997*<sup>2</sup>, and to provide information on their nature conservation value. They were evaluated only in respect of wildlife and landscape criteria in the *Regulations - Paragraphs 6 to 8 of Part II of Schedule 1*, but excluding *Sub-paragraph 6(1)(b) and 6(2)*. Hedges of ornamental origin or less than 30 years old, which are outside the scope of the *Regulations*, or species-poor *Crataegus monogyna* (Hawthorn) hedges that clearly wouldn’t qualify as Important, were not selected for further survey. The following information was collected for each Phase 2 hedge.

- *Counts of the woody species found in a 30 m stretch of hedge.* The first 30 m stretch was recorded at the approximate crossing point, if relevant, or otherwise stretches were centred in the middle of any hedge under 100 m, in each half of any hedge under 200m, and in each third of any hedge over 200 m. The species found in each 30 m section were recorded together with indicative % abundances from the first section only. Only species listed in *Schedule 3* of the *Regulations* were used in calculations relating to hedgerow importance.
- *Observations on hedge-features.* These include the presence of a ditch, bank, or wall, the percentage by length of gaps, the number of standard trees, the presence of a parallel hedge within 15 m, the presence of woodland herbs (*Schedule 2* of the *Regulations*) and the number of connections with other hedges, woods and ponds.
- *Observations on hedge-features that have special significance.* Certain hedge-features modify threshold levels of data that determine whether or not a hedge is Important. They include footpaths alongside, and the presence of special woody species of significance in relation to hedgerow history.

Hedges may qualify as Important on historical as well as ecological grounds, but we only consider here whether hedges qualify on ecological grounds. Under the *Regulations* a hedgerow qualifies if it contains any of the following:

- any species in *Schedule 1(Part 1)*, 5 or 8 of the *Wildlife and Countryside Act 1981*;
- certain birds categorised as declining breeders (not considered here);
- any species categorised as ‘endangered’, ‘extinct’, ‘rare’ or ‘vulnerable’ in any of the British Red Data Books;
- 7 *Schedule 3* woody species in an average 30m stretch; or

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<sup>2</sup> Statutory Instruments 1997 No. 1160.

- 6 woody species in an average 30m stretch and 3 of the hedge-features listed in the *Regulations*, or 5 species and 4 features; or
- 6 woody species in an average 30m stretch plus one of four ‘qualifying’ species; or
- if it is adjacent to a footpath, bridleway or byway, at least 4 woody species and 2 or more hedgerow features.

### *Watercourses*

All watercourses crossed by the route are described in target notes in *Section 7*. In addition, all river and stream crossings and most ditches were selected for further survey, which involved detailed inspection upstream and downstream of the crossing point and the compilation of species lists. Where possible, rivers and large streams were surveyed 50 m upstream and 100 m downstream, and small streams and ditches were surveyed 25 m upstream and 50 m downstream. A few very species-poor streams and ditches were excluded where information from the Phase 1 Habitat Survey was sufficient. Individual species lists were produced for all rivers, stream and ditches surveyed in detail, but very occasionally species recorded from small streams forming an integral part of some wider habitat were subsumed in species lists for those habitats, *e.g.* a small stream in wet willow carr.

## **2.3 Assessment Criteria**

### *2.3.1 Habitats*

The scientific value of habitats for nature conservation is assessed according to widely accepted criteria of which the most important are naturalness, extent, rarity, and diversity. These and others are described in an extensive literature (Ratcliffe 1977, Usher 1986). In addition, the following criteria were used.

- A list of priority habitat types have been identified in connection with UK implementation of the EC ‘Habitats Directive’<sup>3</sup>. Other important habitats and species are identified in National Biodiversity Action Plans (UK BAP website: [www.ukbap.org.uk](http://www.ukbap.org.uk)) and the Sussex Biodiversity Action Plan.
- Special importance attaches to ancient semi-natural habitats that depend for their survival on traditional types of land management, especially where these have suffered large reductions over the last fifty years due to agricultural intensification and extensification. Habitats in these categories are discussed in Rackham (1986).

### *2.3.2 Noteworthy Species*

Noteworthy species are defined as follows:

- species protected by the *Wildlife and Countryside Act 1981*;
- species protected by European Directives and transposed into UK legislation;
- Red Data species (Cheffings and Farrell 2005);

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<sup>3</sup> Council Directive 92/43 EEC on the conservation of natural habitats and of wild flora and fauna.

- species mentioned in UK Biodiversity Action Plans (BAPs) or the Sussex BAP (LBAP);
- species listed as nationally scarce or notable in literature issued by conservation organisations or learned societies, *e.g.* 'Nationally Scarce' species found in less than 100 ten-kilometre grid-squares nationally (*e.g.* Stewart *et al.* 1994); and
- species described as rare or very rare in the Sussex Plant Atlas (Hall 1980).

**3*****RESULTS*****3.1 *Habitat and Vegetation Types*****3.1.1 *Overview***

The following habitat types were recorded from the survey corridor of the proposed cable route and are shown on the Phase 1 Habitat Map (*Figure 2*):

- woodland and scrub;
  - broad-leaved semi-natural woodland;
  - broad-leaved and mixed plantation woodland;
  - scrub;
  - broad-leaved and coniferous trees;
- hedges;
- grassland;
  - improved grassland;
  - poor semi-improved grassland;
  - unimproved and semi-improved neutral grassland;
  - unimproved and semi-improved calcicolous grassland;
- marshy grassland and swamp:
  - marshy grassland;
  - swamp;
- tall herb and fern;
  - bracken;
  - tall ruderal;
- coastal habitats;
  - shingle;
  - saltmarsh;
- watercourses and ponds;
  - ponds;
  - rivers, streams and ditches;
- other habitats;
  - arable;
  - amenity grassland;
  - ephemeral/short perennial; and
  - introduced shrub.

Target notes referred to in the text are given in *Section 7*.

**3.2 *Woodland, Scrub and Trees*****3.2.1 *Semi-natural Woodland***

Large areas of woodland are avoided by the route so that the woodlands recorded from the survey area tend to be narrow corridors associated with watercourses, banks or

roadsides. A few larger woodlands occur on the edges of the route corridor or possible substation locations and are unlikely be directly affected including designated ancient woodlands at *Target Notes 164, 182 and 302*; and secondary woodland in a quarry at *Target Note 111f*. While woodland has generally been avoided by careful route selection, one example at *Target Notes 299* is directly crossed, and others at *Target Notes 141, 276 and 297* could potentially be affected by the cable.

Mature *Quercus robur* (Pedunculate Oak) trees are present in the canopy of most of the woods, either as the sole species or with *Fraxinus excelsior* (Ash), and in a few places tall *Corylus avellana* (Hazel) shrubs act as a replacement canopy species. Many of the woods have hedges along their boundaries, and, in the narrower woods, the shrub-layer is often indistinguishable from the hedges, though a few of the larger woods do have recognizable shrub-layers of *Corylus avellana* (Hazel). The field-layers range from almost continuous *Hedera helix* (Ivy) in shady woods, to diverse mixtures of shade-tolerant herbs typical of woods on base-rich soils. Among the most frequent species are *Arum maculatum* (Lords-and-Ladies), *Brachypodium sylvaticum* (False Brome), *Hyacinthoides non-scripta* (Bluebell) and *Poa trivialis* (Rough Meadow-grass), of which Bluebell is considered an ancient woodland indicator (AWI) plant in the south-east. Other AWIs recorded from some of the woods include *Adoxa moschatellina* (Moschatel), *Primula vulgaris* (Primrose) and *Viola reichenbachiana* (Early Dog-violet). The majority of this semi-natural woodland can be assigned to the NVC type **W8a *Fraxinus excelsior*-*Acer campestre*-*Mercurialis perennis* woodland, *Primula vulgaris*-*Glechoma hederacea* sub-community**, though where *Hedera helix* (Ivy) is prominent in the field-layer it is probably better assigned to **W8d *Fraxinus excelsior*-*Acer campestre*-*Mercurialis perennis* woodland, *Hedera helix* sub-community**. Examples belonging to these NVC types are found at *Target Notes 141, 174, 276, and 299*. NVC tables and species lists for some of these woods are given in *Tables 8.23, 8.27, 8.33, 9.15, 9.18, 9.20 and 9.20*.

Damp woodland at *Target Note 164* has a tall, closed canopy of *Alnus glutinosa* (Alder) together with *Fraxinus excelsior* (Ash) and *Quercus robur* (Pedunculate Oak), and a shrub-layer of *Corylus avellana* (Hazel). The field-layer is strongly dominated by *Hyacinthoides non-scripta* (Bluebell) and has frequent *Anemone nemorosa* (Wood Anemone), *Dryopteris dilatata* (Broad Buckler-fern), *Ficaria verna* (Lesser Celandine) and *Oxalis acetosella* (Wood-sorrel), these being more typical of **W8b *Fraxinus excelsior*-*Acer campestre*-*Mercurialis perennis* woodland, *Anemone nemorosa* sub-community**. An NVC table and a species list for this wood are given in *Tables 8.26 and 9.18*.

In woods at *Target Notes 299, 301 and 302*, the field-layer is locally dominated by *Hyacinthoides non-scripta* (Bluebell) together with species more typical of base-poor soils such as *Digitalis purpurea* (Foxglove), *Holcus mollis* (Creeping Soft-grass) and *Pteridium aquilinum* (Bracken), which indicate a change to **W10 *Quercus robur*-*Pteridium aquilinum*-*Rubus fruticosus* woodland**. Species lists for these woods are given in *Table 9.20*.

Wet willow carr occurs along a small stream at *Target Note 299/300*, where *Salix caprea* (Goat Willow) and *Salix cinerea* (Grey Willow) are dominant in a closed canopy over a field-layer of *Urtica dioica* (Common Nettle). Woodland such as this on moist, eutrophic soils is broadly referable to the NVC type **W6 *Alnus glutinosa-Urtica dioica* woodland**.

### 3.2.2 *Plantation Woodland*

The plantation woodland encountered generally comprises stands of young trees about 10-20 years old on land that was not previously wooded. Examples include a mixed plantation of *Fraxinus excelsior* (Ash) and *Pinus* species (a Pine) at *Target Note 18*, a *Acer pseudoplatanus* (Sycamore) and *Fagus sylvatica* (Beech) plantation on former chalk grassland at *Target Note 82*, and a native species broad-leaved plantation at *Target Note 257*. Mixed plantation woodland at *Target Note 14* also contains groups of mature conifers – *Cupressus macrocarpa* (Monterey Cypress) and *Pinus nigra* cf. ssp. *nigra* (Austrian Pine) – among the younger stands of Ash, Pine and *Populus* species (a Poplar). These woodlands have sparse, species-poor field-layers characteristic of new plantations.

### 3.2.3 *Scrub*

Small scrub patches commonly occur along field boundaries and watercourses, and in land parcels where management is relaxed or absent, for example ungrazed grasslands. Typically they comprise one or more of *Crataegus monogyna* (Hawthorn), *Prunus spinosa* (Blackthorn), *Rubus fruticosus* agg. (Bramble) and *Sambucus nigra* (Elder).

Thorn scrub dominated by *Crataegus monogyna* (Hawthorn) or mixtures of Hawthorn and *Prunus spinosa* (Blackthorn) can be dense and species-poor in places, but there is typically some scattered *Arum maculatum* (Lords-and-Ladies), *Brachypodium sylvaticum* (False Brome) and *Hyacinthoides non-scripta* (Bluebell) in the field-layers. Depending on the relative abundances of Hawthorn and Blackthorn these scrub patches are referable to the NVC types **W21b *Crataegus monogyna-Hedera helix* scrub**, ***Mercurialis perennis* sub-community** and **W22b *Prunus spinosa-Rubus fruticosus* scrub**, ***Viola riviniana-Veronica chamaedrys* sub-community**. Examples at *Target Note 98, 139, 149a* are associated with linear features such as streams and the embankments of a dismantled railway. A species lists for *Target Note 139* is given in *Table 9.15*. Open scrub patches on chalk at *Target Notes 106, 111 and 112* contain mixtures of Hawthorn and other shrub species, which loosely resemble **W21b**.

Low-growing patches of scrub dominated by *Rubus fruticosus* agg. (Bramble) are widespread, though seldom very extensive, and are broadly referable to the NVC type **W24 *Rubus fruticosus-Holcus lanatus* underscrub**.

Wasteground at *Target Note 17* contains extensive areas of *Sambucus nigra* (Elder) scrub with species-poor field-layers consisting of the moss *Kindbergia praelonga* and the tall herb *Urtica dioica* (Common Nettle). These are referable to the proposed NVC type ***Sambucus nigra-Urtica dioica* scrub**.

Open scrub at *Target Note 104* consists of scattered *Crataegus monogyna* (Hawthorn) and *Prunus spinosa* (Blackthorn) bushes and *Fraxinus excelsior* (Ash) saplings with intervening areas dominated by mixtures of *Rubus fruticosus* agg. (Bramble) and *Urtica dioica* (Common Nettle), *i.e.* **W24** and **OV24**. The shrubs support a luxuriant growth of mostly common and widespread epiphytic bryophytes and lichens including *Frullania dilatata*, *Metzgeria furcata* and *Xanthoria parietina*. A species list for this scrub is given in *Table 9.13*.

### 3.2.4

#### *Trees*

Individual, mature trees are frequently associated with hedges and other linear features crossed by the route, such as watercourses, and they occasionally occur scattered in fields. The majority of these open-grown trees are of one species, *Quercus robur* (Pedunculate Oak). It is estimated that many are over 100 years old at least, though none is likely to qualify as veteran. A noteworthy cluster of trees includes a group of *Aesculus hippocastanum* (Horse-chestnut) at *Target Note 108*.

## 3.3

### *Hedges*

Over 100 hedges were recorded from the survey area. The majority occur to the east of Worthing and in the northern half of the route, in particular, where the pattern of fields is likely to pre-date the parliamentary enclosures of the 18<sup>th</sup> and 19<sup>th</sup> centuries. Conversely, hedges are generally absent from the South Downs except for a few flimsy modern *Crataegus monogyna* (Hawthorn) hedges. *Table 3.3*, below, lists the hedges in the survey corridor and *Section 10* contains data tables for each hedge surveyed in detail. Out of 106 hedges, 38 were found to be ‘Important’ based on wildlife and landscape criteria set out in the *Hedgerow Regulations 1997*.

The northern half of the route is a densely hedged landscape and the hedges, on the whole, form a well-connected network with other hedges and woodlands, including several ancient woods in the surrounding area. The majority of hedges are regularly trimmed and these range from dense, stock-proof barriers to short, thin lines of shrubs that have effectively been replaced by fences; but some are overgrown and about half have at least a few standard trees – mostly *Quercus robur* (Pedunculate Oak). Perhaps surprisingly, many of the hedges are strongly dominated by one or both of *Crataegus monogyna* (Hawthorn) and *Prunus spinosa* (Blackthorn), often with only small amounts of other woody species. These hedges also tend to have fairly species-poor field-layers, though the presence of *Hyacinthoides non-scripta* (Bluebell) in the majority, together with associated boundary features such as a bank or an adjacent ditch, provides some evidence for ancient origins. That said, most hedges do contain additional woody species such as *Acer campestre* (Field Maple), *Cornus sanguinea* (Dogwood), *Euonymus europaeus* (Spindle), *Fraxinus excelsior* (Ash), *Ligustrum vulgare* (Wild Privet), *Salix caprea/cinerea* (a Willow) and *Sambucus nigra* (Elder), and there are concentrations of Important hedges along the route, which typically support 5 or more woody species in an average 30 m section. Among *Schedule 2* woodland herbs in the field-layers, *Arum maculatum* (Lords-and-Ladies) is present in most of the hedges, *Brachypodium sylvaticum* (False Brome) is frequent and

*Mercurialis perennis* (Dog's Mercury) and *Primula vulgaris* (Primrose) are occasional.

At various points along the route, the hedges differ in their general character and ecological value, as summarized below.

- Hedges east of Worthing (*Target Notes 37-61*) are mostly species-poor *Crataegus monogyna* (Hawthorn) hedges or scruffy lines of *Ulmus procera* (English Elm) with *Sambucus nigra* (Elder).
- Hedges are generally absent from the South Downs except for a few flimsy modern *Crataegus monogyna* (Hawthorn) hedges.
- Between Truleigh Manor Farm and Twineham Grange Farm (*Target Notes 117-226*), the landscape is intensively farmed but with a network of intact, well-maintained hedges. These are typically dense and dominated by *Crataegus monogyna* (Hawthorn) and/or *Prunus spinosa* (Blackthorn) with only small amounts of other woody species, and few *Schedule 2* species, though there are several Important hedges, particularly those associated with footpaths (e.g. *Target Notes 151, 171 and 191*) or nearby ancient woods (*Target Notes 181 and 183*).
- Concentrations of Important hedges are found at the northern end of the route, where there are numerous woods in the surrounding area. Most of the hedges have 6 or 7 woody species per 30 m section together with several associated features and *Schedule 2* species. The Special Qualifying Species *Sorbus torminalis* (Wild Service-tree) was recorded in the hedge at 279.
- Important hedges are also concentrated along a section of the route between *Target Notes 284-298*, many associated with footpaths or tracks. Several are unmanaged and dominated by mature *Quercus robur* (Pedunculate Oak) trees. They mostly have 4-6 species in an average 30 m section and therefore qualify on the basis of associated features.

Table 3.3. Summary of Important Hedges.

| Hedge Number | Important / Not Important* | Ave. No. of Schedule 3 Species | No. of Features | No. of Schedule 2 Species |
|--------------|----------------------------|--------------------------------|-----------------|---------------------------|
| 3            | N/A                        |                                |                 |                           |
| 6            | N/A                        |                                |                 |                           |
| 37           | Not Important              | 2                              | 1               | 0                         |
| 38           | Not Important              | 2                              | 2               | 0                         |
| 44           | Not Important              | 2                              | 3               | 0                         |
| 44a          | Not Important              | -                              | -               | -                         |
| 47           | Not Important              | 3                              | 1               | 0                         |
| 47a          | Not Important              | -                              | -               | -                         |
| 48           | Not Important              | 2.5                            | 1               | 1                         |
| 50           | Not Important              | 3                              | 1               | 0                         |
| 53           | Not Important              | 2                              | 1               | 0                         |
| 55           | Not Important              | 2                              | 1               | 0                         |
| 57           | Not Important              | 1.5                            | 2               | 0                         |
| 58           | Not Important              | 3.5                            | 2               | 1                         |
| 60           | N/A                        |                                |                 |                           |

|      |                  |      |   |    |
|------|------------------|------|---|----|
| 61   | N/A              |      |   |    |
| 63   | Not Important    | 4    | 2 | 2  |
| 68   | N/A              |      |   |    |
| 71   | N/A              |      |   |    |
| 76   | Not Important    | 3.33 | 1 | 2  |
| 81   | N/A              |      |   |    |
| 85   | N/A              |      |   |    |
| 90   | Not Important    | 2.67 | 3 | 2  |
| 91   | Not Important    | 3    | 2 | 2  |
| 93   | Not Important    | 4.67 | 3 | 3  |
| 116  | Not Important    | 5    | 1 | 0  |
| 117  | Not Important    | 4.33 | 2 | 0  |
| 119  | Not Important    | 3.67 | 3 | 2  |
| 121  | Not Important    | 1.67 | 3 | 2  |
| 122  | Not Important    | 3    | 3 | 2  |
| 122a | Not Important    | 3    | 1 | 1  |
| 124  | Not Important    | 2.67 | 1 | 1  |
| 125  | Not Important    | 4.33 | 2 | 1  |
| 126  | Not Important    | 4.67 | 2 | 2  |
| 127  | Not Important    | 4.33 | 4 | 3  |
| 129  | Not Important    | 4.33 | 2 | 0  |
| 131  | Not Important    | 4    | 2 | 2  |
| 133  | Not Important    | 2.67 | 3 | 1  |
| 136  | Not Important    | 2.67 | 2 | 7  |
| 142  | Not Important    | 4.67 | 4 | 5  |
| 148  | <b>Important</b> | 4.5  | 4 | 7  |
| 149  | Not Important    | 3    | 4 | 4  |
| 151  | <b>Important</b> | 7.33 | 5 | 5  |
| 152  | <b>Important</b> | 5.67 | 5 | 5  |
| 153  | <b>Important</b> | 6    | 3 | 4  |
| 156  | Not Important    | 4.5  | 1 | 3  |
| 157  | <b>Important</b> | 5.5  | 2 | 1  |
| 166  | Not Important    | 3.33 | 3 | 1  |
| 170  | Not Important    | 4    | 2 | 1  |
| 171  | <b>Important</b> | 5.33 | 3 | 2  |
| 171a | <b>Important</b> | 5.67 | 4 | 1  |
| 172  | <b>Important</b> | 4.33 | 5 | 10 |
| 175  | Not Important    | 3.67 | 3 | 2  |
| 176  | Not Important    | 4.5  | 3 | 1  |
| 177  | Not Important    | 3    | 4 | 3  |
| 178  | <b>Important</b> | 6.5  | 5 | 4  |
| 179  | Not Important    | 4.5  | 3 | 2  |
| 180  | Not Important    | 4    | 2 | 1  |
| 181  | <b>Important</b> | 7.33 | 3 | 2  |
| 183  | <b>Important</b> | 7.5  | 3 | 2  |
| 185  | Not Important    | 4    | 2 | 0  |
| 188  | Not Important    | 4    | 2 | 2  |
| 189  | <b>Important</b> | 5    | 4 | 3  |
| 190  | Not Important    | 4    | 3 | 3  |
| 191  | <b>Important</b> | 4    | 6 | 3  |
| 218  | Not Important    | 2.5  | 2 | 0  |
| 220  | Not Important    | 4.33 | 3 | 3  |

|      |                  |      |   |   |
|------|------------------|------|---|---|
| 224  | N/A              |      |   |   |
| 226  | Not Important    | 4    | 4 | 3 |
| 249  | Not Important    | 4    | 5 | 4 |
| 252  | <b>Important</b> | 3    | 4 | 2 |
| 254  | <b>Important</b> | 4.33 | 4 | 1 |
| 259  | <b>Important</b> | 7    | 2 | 1 |
| 260  | <b>Important</b> | 7    | 4 | 2 |
| 270a | N/A              |      |   |   |
| 271  | <b>Important</b> | 4.67 | 6 | 3 |
| 275  | <b>Important</b> | 6    | 2 | 5 |
| 278  | <b>Important</b> | 7    | 5 | 1 |
| 279  | <b>Important</b> | 8.5  | 6 | 6 |
| 280  | <b>Important</b> | 6    | 5 | 5 |
| 281  | Not Important    | 4    | 3 | 1 |
| 282  | Not Important    | 3    | 3 | 3 |
| 284  | <b>Important</b> | 6    | 4 | 3 |
| 285  | Not Important    | 3.33 | 1 | 0 |
| 286  | <b>Important</b> | 6    | 5 | 4 |
| 286a | Not Important    | 3    | 1 | 0 |
| 287  | <b>Important</b> | 4    | 5 | 3 |
| 288  | <b>Important</b> | 6    | 6 | 5 |
| 289  | <b>Important</b> | 5    | 4 | 3 |
| 290  | Not Important    | 4.33 | 4 | 3 |
| 291  | <b>Important</b> | 5    | 5 | 6 |
| 292  | <b>Important</b> | 4    | 5 | 5 |
| 293  | Not Important    | 3.5  | 3 | 1 |
| 294  | <b>Important</b> | 4    | 4 | 5 |
| 295  | <b>Important</b> | 5    | 6 | 5 |
| 295a | <b>Important</b> | 4    | 6 | 4 |
| 296  | Not Important    | 4    | 4 | 1 |
| 297a | <b>Important</b> | 6    | 5 | 3 |
| 298  | <b>Important</b> | 5    | 4 | 6 |
| 304  | <b>Important</b> | 4.5  | 5 | 0 |
| 305  | Not Important    | 4.5  | 4 | 0 |
| 311  | <b>Important</b> | 6    | 5 | 4 |
| 314  | Not Important    | 5    | 3 | 0 |
| 316  | Not Important    | 4.33 | 2 | 1 |
| 317  | <b>Important</b> | 6    | 5 | 5 |
| 318  | <b>Important</b> | 5.67 | 6 | 5 |

\*Hedges listed as N/A are hedges of ornamental origin or less than 30 years old, which are outside the scope of the *Regulations*, or species-poor *Crataegus monogyna* (Hawthorn) hedges that clearly wouldn't qualify as Important hedges, and, as such, were not selected for further survey.

### 3.4 Grassland

#### 3.4.1 Agricultural Grassland

Many of the grasslands recorded as improved are temporary *Lolium perenne* (Perennial Rye-grass) leys managed in rotation with arable crops (this is known from aerial photography showing crop cover). A few have been sown with *Trifolium*

*repens* (White Clover) as well but often the only other species are annual weeds such as *Cerastium glomeratum* (Sticky Mouse-ear) and *Veronica persica* (Common Field-speedwell). These grasslands are referable to the NVC type **MG7 *Lolium perenne* leys and related grasslands, *Lolium perenne*-*Trifolium repens* leys**. Some of the older, re-sown grasslands are managed as permanent pasture and have acquired a limited range of mesophytic grasses and forbs such as *Achillea millefolium* (Yarrow), *Dactylis glomerata* (Cock's-foot), *Plantago lanceolata* (Ribwort Plantain) and *Ranunculus repens* (Creeping Buttercup). These are **MG7b *Lolium perenne* leys and related grasslands, *Lolium perenne*-*Poa trivialis* leys**. One example is *Target Note 110*.

Poor semi-improved grassland includes a variety of species-poor swards that have not obviously been re-sown or have developed from fallow arable land. The majority of these are agricultural grasslands dominated by rough grasses and, as such, they contain very few forbs. Typical grass species include *Agrostis stolonifera* (Creeping Bent), *Arrhenatherum elatius* (False Oat-grass), *Holcus lanatus* (Yorkshire-fog) and *Lolium perenne* (Perennial Rye-grass) with *Alopecurus pratensis* (Meadow Foxtail), *Dactylis glomerata* (Cock's-foot), *Festuca rubra* (Red Fescue) and *Poa trivialis* (Rough Meadow-grass) rising in abundance in a few. Generally there are few forbs other than *Ranunculus repens* (Creeping Buttercup) and *Trifolium repens* (White Clover). Examples of poor semi-improved grassland include *Target Notes 147, 159, 163, 184* and *274*. These grasslands are probably best assigned to **MG7b** as well.

A few species-poor grasslands occur on the floodplains of rivers and streams, though they lack any of the noteworthy flora associated with traditionally managed floodplain meadows (specifically those referable to the NVC type **MG4 *Alopecurus pratensis*-*Sanguisorba officinalis* grassland**). The grassland at *Target Notes 186*, for example, is rough and tussocky and strongly dominated by *Alopecurus pratensis* (Meadow Foxtail) with virtually no other species. They are referable to the NVC type **MG7d *Lolium perenne* leys and related grasslands, *Lolium perenne*-*Alopecurus pratensis* grassland**

There are several arable fields at the northern end of the route that appear to have been fallow for a few years. A typical example at *Target Note 250* has an open sward of the grasses *Agrostis capillaris* (Common Bent), *Festuca rubra* (Red Fescue) and *Holcus lanatus* (Yorkshire-fog) with frequent *Helminthotheca echinoides* (Bristly Oxtongue) and a handful of other forbs occupying bare patches. Other grasslands on previously ploughed land include a rough sward at *Target Note 225* which is dominated by stoloniferous species such as *Agrostis stolonifera* (Creeping Bent), *Elytrigia repens* (Common Couch) and *Ranunculus repens* (Creeping Buttercup); and a damp swars with locally abundant *Juncus inflexus* (Hard Rush) and *Pulicaria dysenterica* (Common Fleabane) at *Target Note 128*. It is not clear what NVC types, if any, best describe these grasslands.

### 3.4.2

#### *Unimproved and Semi-improved Neutral Grassland*

The largest extent of semi-natural neutral grassland occurs in an area north of the railway line between *Target Notes 25-44*, which comprises damp pastures divided by

ditches. Grassland at *Target Note 42* and the drier parts of *Target Note 26* contain abundant *Lolium perenne* (Perennial Rye-grass) together with a range of other mesotrophic grasses including *Agrostis stolonifera* (Creeping Bent), *Alopecurus pratensis* (Meadow Foxtail), *Cynosurus cristatus* (Crested Dog's-tail), *Festuca rubra* (Red Fescue), *Holcus lanatus* (Yorkshire-fog), *Hordeum secalinum* (Meadow Barley) and *Poa pratensis* (Smooth Meadow-grass). The sedge *Carex hirta* (Hairy Sedge) is frequent and there is a moderate range of broad-leaved herbs, but they make a relatively minor contribution to the sward. Frequently recorded species include *Cerastium fontanum* (Common Mouse-ear), *Plantago major* (Greater Plantain), *Ranunculus bulbosus* (Bulbous Buttercup), *Ranunculus repens* (Creeping Buttercup), *Senecio jacobaea* (Common Ragwort) and *Trifolium repens* (White Clover). This grassland is clearly referable to the NVC type **MG6a *Lolium perenne*-*Cynosurus cristatus* grassland, typical sub-community**. On wetter ground at *Target Note 26*, the sward is finer and herb-rich with approximately equal cover of grasses and forbs. The core of species is similar but *Agrostis stolonifera* (Creeping Bent) is more abundant and *Equisetum palustre* (Marsh Horsetail) is a characteristic addition to the sward. It is probably a variant of **MG6a** resulting from a high water table or frequent seasonal inundation. The grassland at *Target Note 35* occurs on raised ground and is generally drier. Again, it has a similar core of species, but *Agrostis capillaris* (Common Bent) is dominant in the sward with typical associates including *Anthoxanthum odoratum* (Sweet Vernal-grass), *Carex hirta* (Hairy Sedge), *Holcus lanatus* (Yorkshire-fog), *Poa pratensis* (Smooth Meadow-grass), and the moss *Brachythecium rutabulum*. On drier outcrops there are patches of *Rumex acetosella* (Sheep's Sorrel) with *Festuca ovina* (Sheep's-fescue) and a few plants of *Hieracium* species (a Hawkweed). In the main, this grassland is referable to the NVC type **MG6b *Lolium perenne*-*Cynosurus cristatus* grassland, *Anthoxanthum odoratum* sub-community**, though the outcrops are possibly better assigned to **U1d *Festuca ovina*-*Agrostis capillaris*-*Rumex acetosella* grassland, *Anthoxanthum odoratum*-*Lotus corniculatus* sub-community**. NVC tables and species lists for these grasslands are given in *Tables 8.1, 8.3, 8.5 and 9.5*.

Grassland at *Target Note 150* appears unmanaged, or at best infrequently cut, and has a rough sward dominated by the grasses *Agrostis capillaris* (Common Bent) and *Anthoxanthum odoratum* (Sweet Vernal-grass) along with *Holcus lanatus* (Yorkshire-fog) and locally abundant *Alopecurus pratensis* (Meadow Foxtail) and *Elytrigia repens* (Common Couch). It is not particularly herb-rich, but *Centaurea debeauxii* (Chalk knapweed), *Lathyrus pratensis* (Meadow Vetchling), *Potentilla reptans* (Creeping Cinquefoil), *Ranunculus repens* (Creeping Buttercup) and *Rumex acetosa* (Common Sorrel) are all fairly abundant and there are smaller amounts of *Lotus corniculatus* (Common Bird's-foot-trefoil) and *Silaum silaus* (Pepper-saxifrage). Though neglected, this grassland is clearly unimproved and probably referable to the NVC type **MG5a *Cynosurus cristatus*-*Centaurea nigra* grassland, *Lathyrus pratensis* sub-community**. However, with continued neglect it may increasingly come to resemble **MG1e *Arrhenatherum elatius* grassland, *Centaurea nigra* sub-community**. An NVC table and a species list for this grassland are given in *Tables 8.24 and 9.9*.

The remaining neutral grasslands, mapped as semi-improved, are mostly rough grasslands with relatively species-poor swards. The most species-poor rough swards are dominated by a few coarse grasses such as *Arrhenatherum elatius* (False Oat-grass), *Dactylis glomerata* (Cock's-foot) and *Elytrigia repens* (Common Couch) with tall ruderal herbs such as *Cirsium arvense* (Creeping Thistle), *Rumex obtusifolius* (Broad-leaved Dock) and *Urtica dioica* (Common Nettle). This is the typical vegetation of roadside verges, arable field margins, ditch banks and a few fields such as *Target Note 49* and *221*, and is clearly referable to the NVC type **MG1b *Arrhenatherum elatius* grassland, *Urtica dioica* sub-community**. Similar grassland along the embankments of the River Adur contains less *Urtica dioica* (Common Nettle) and has a wider range of associates including *Schedonorus arundicaceus* (Tall Fescue) and the coastal species *Beta vulgaris* ssp. *maritima* (Sea-Beet) – in small amounts – and *Elytrigia atherica* (Sea Couch). This is referable in parts to **MG1b** and **MG1a *Arrhenatherum elatius* grassland, *Festuca rubra* sub-community**. An NVC table for *Target Note 221* is given in *Table 8.28*; species lists for *Target Notes 49* and *221* and the river embankments are given in *Tables 9.9* and *9.12*.

Rough, weedy grassland at *Target Notes 50a, 50c* is *52a* are characterised by a high abundance of *Cirsium arvense* (Creeping Thistle). These are not agriculturally improved but the swards are species-poor and dominated by coarse grasses such as *Agrostis capillaris* (Common Bent), *Festuca rubra* (Red Fescue), *Holcus lanatus* (Yorkshire-fog), *Lolium perenne* (Perennial Rye-grass), *Phleum bertolonii* (Smaller Cat's-tail) and *Poa trivialis* (Rough Meadow-grass). These grasslands are possibly referable to the NVC type **MG6 *Lolium perenne* – *Cynosurus cristatus* grassland** rather than **MG1**.

East of the River Adur at *Target Note 100* there is a narrow field of damp, tussocky grassland dominated by the grass *Schedonorus arundicaceus* (Tall Fescue) with *Arrhenatherum elatius* (False Oat-grass), *Dactylis glomerata* (Cock's-foot), *Holcus lanatus* (Yorkshire-fog) and *Poa trivialis* (Rough Meadow-grass). There are very few broad-leaved herbs including *Cirsium arvense* (Creeping Thistle), *Ranunculus acris* (Meadow Buttercup) and *Rumex acetosa* (Common Sorrel). As grassland dominated by *Schedonorus arundicaceus* (Tall Fescue) it has obvious affinities with the NVC type **MG12a *Festuca arundinacea* grassland, *Lolium perenne*-*Holcus lanatus* sub-community** – this is primarily a coastal habitat and, given its proximity to the now embanked Adur, it is possible that it was previously inundated with brackish water – though it has more species in common with **MG9b *Holcus lanatus*-*Deschampsia cespitosa* grassland, *Arrhenatherum elatius* sub-community**. A species list for this grassland is given in *Table 9.12*.

### 3.4.3

#### *Calcicolous grassland*

##### *General*

There are three discrete areas where the route passes through the South Downs in which calcicolous grassland has not been ploughed-up and converted to arable or improved grassland, specifically east of Lambleys Barn, at Old Erringham Farm SNCI and around Tottington Mount.

*Lambleys Barn*

Unimproved horse pasture at *Target Note 66* east of Lambleys Barn has a very short sward dominated by the fine-leaved grass *Festuca ovina* (Sheep's-fescue) together with *Agrostis* species (Bent-grasses), *Bromopsis erecta* (Upright Brome) and *Dactylis glomerata* (Cock's-foot). Broad-leaved herbs include *Anacamptis pyramidalis* (Pyramidal Orchid), *Cerastium fontanum* (Common Mouse-ear), *Euphorbia cyparissias* (Cypress Spurge), *Galium mollugo* (Hedge Bedstraw), *Hypochaeris radicata* (Cat's-ear), *Plantago lanceolata* (Ribwort Plantain), *Scabiosa columbaria* (Small Scabious), *Taraxacum* sect. *Ruderalia* (Common Dandelion) and *Viola hirta* (Hairy Violet). A species list for this sward is given in *Column 1* of *Table 9.10*, and a list for a semi-improved sward at *Target Note 67* is given in *Column 2*.

An enclosure to the north, at *Target Notes 69*, and the adjacent slope at *Target Note 70*, contain less intensively grazed calcicolous grassland which has a tussocky sward dominated by *Festuca rubra* (Red Fescue) and other grasses such as *Arrhenatherum elatius* (False Oat-grass), *Bromopsis erecta* (Upright Brome), *Dactylis glomerata* (Cock's-foot) and *Phleum bertolonii* (Smaller Cat's-tail). The sedge *Carex flacca* (Glaucous Sedge) and the calcicolous forb *Poterium sanguisorba* (Salad Burnet) are both frequent here, together with the moss *Pseudoscleropodium purum* and occasional *Plantago lanceolata* (Ribwort Plantain), *Primula veris* (Cowslip), *Trifolium repens* (White Clover) and *Veronica chamaedrys* (Germander Speedwell). Species strongly indicative of calcicolous grasslands are scattered here, e.g. *Anacamptis pyramidalis* (Pyramidal Orchid), *Asperula cynanchica* ssp. *cynanchica* (Squinancywort), *Briza media* (Quaking-grass), *Filipendula vulgaris* (Dropwort), *Helictotrichon pratense* (Meadow Oat-grass), *Hippocrepis comosa* (Horseshoe Vetch), *Leontodon hispidus* (Rough Hawkbit), *Plantago media* (Hoary Plantain) and *Scabiosa columbaria* (Small Scabious). Species lists are given in *Columns 3* and *4* of *Table 9.10*, while a floristic table is given in *Table 8.6*. The dominance of *Festuca rubra* (Red Fescue) in a sward containing strong calcicoles alongside species typical of relatively eutrophic and mesotrophic swards, e.g. *Holcus lanatus* (Yorkshire-fog), *Veronica chamaedrys* (Germander Speedwell) is consistent with the NVC type **CG2c *Festuca ovina*-*Avenula pratensis* grassland, *Holcus lanatus*-*Trifolium repens* sub-community**. Though *Bromopsis erecta* (Upright Brome) is constant it occurs at levels of cover that are consistent with CG2c and despite **CG3 *Bromus erectus* grassland** producing the highest matching coefficient (*Table 8.6*) there is only a suggestion of transition from CG2c to CG3. The abundance of *Festuca rubra* (Red Fescue) together with *Helictotrichon pubescens* (Downy Oat-grass) at modest levels of abundance is in fact more suggestive of transition from CG2c to **CG6a *Avenula pubescens* grassland, *Dactylis glomerata*-*Briza media* sub-community**, and there may in fact be a transition from strongly calcicolous swards referable to CG2c through swards referable to CG6a to horse-grazed swards transitional to some mesotrophic grassland type such as **MG6c *Lolium perenne*-*Cynosurus cristatus* grassland, *Trisetum flavescens* sub-community**, perhaps with pockets of **CG3 *Bromus erectus* grassland** *Bromopsis erecta* (Upright Brome) locally rises to greater prominence than that recorded in quadrats.

### Old Erringham Farm

At *Target Note 106*, one side of Old Erringham Farm SNCI comprises a steep slope supporting species-rich calcicolous grassland. It has a tussocky sward dominated by *Brachypodium pinnatum* (Tor-grass), together with the grasses *Briza media* (Quaking-grass), *Bromopsis erecta* (Upright Brome) and *Festuca rubra* (Red Fescue), and the forbs *Centaurea nigra* (Common Knapweed), *Daucus carota* (Wild Carrot), *Galium verum* (Lady's Bedstraw), *Leontodon hispidus* (Rough Hawkbit), *Plantago lanceolata* (Ribwort Plantain), *Poterium sanguisorba* (Salad Burnet), *Primula veris* (Cowslip) and *Viola hirta* (Hairy Violet). In addition, there is a wide range of strong calcicoles, e.g. *Asperula cynanchica* ssp. *cynanchica* (Squinancywort), *Cirsium acaule* (Dwarf Thistle), *Helianthemum nummularium* (Common Rock-rose), *Hippocrepis comosa* (Horseshoe Vetch) and *Scabiosa columbaria* (Small Scabious). A species list is given in *Column 3 of Table 9.13* and a floristic table is given in *Table 8.8*. It is referable to the NVC type **CG2 *Festuca ovina*-*Avenula pratensis* grassland** but a degree of transition towards **CG3 *Bromus erectus* grassland** and **CG5 *Bromus erectus*-*Brachypodium pinnatum* grassland** reflected in the abundance of *Brachypodium pinnatum* (Tor-grass) and *Bromopsis erecta* (Upright Brome) makes it hard to assign to any sub-community. The opposite, north-facing slope at *Target Note 107* supports more mesotrophic grassland which is probably transitional from CG2 towards something like **MG6c *Lolium perenne*-*Cynosurus cristatus* grassland, *Trisetum flavescens* sub-community**. A floristic table for this grassland is given in *Table 8.9* and *Column 4 of Table 9.13* contains a species list.

### Tottington Mount

On gentle slopes at the top of Tottington Mount around *Target Note 111*, the calcicolous grassland, though grazed to a height of about 0.05 m, shows distinct signs of being at least partially improved over extensive areas. Typical species in the sward include the grasses *Agrostis capillaris* (Common Bent), *Bromopsis erecta* (Upright Brome), *Dactylis glomerata* (Cock's-foot) and *Festuca rubra* (Red Fescue), and the forbs *Achillea millefolium* (Yarrow), *Centaurea nigra* (Common Knapweed), *Galium mollugo* (Hedge Bedstraw), *Lotus corniculatus* (Common Bird's-foot-trefoil), *Plantago lanceolata* (Ribwort Plantain), *Ranunculus repens* (Creeping Buttercup), *Taraxacum* sect. *Ruderalia* (Common Dandelion) and *Trifolium repens* (White Clover). There are small amounts of calcicoles typical of unimproved calcicolous grasslands, e.g. *Helictotrichon pubescens* (Downy Oat-grass), *Leontodon hispidus* (Rough Hawkbit), *Poterium sanguisorba* (Salad Burnet), but locally common are species typical of more eutrophic swards, e.g. *Bromus hordeaceus* ssp. *hordeaceus* (Soft-brome), *Geranium molle* (Dove's-foot Crane's-bill), *Heracleum sphondylium* (Hogweed). The sward is probably transitional from unimproved calcicolous grassland belonging to the NVC type **CG2 *Festuca ovina*-*Avenula pratensis* grassland** to some mesotrophic grassland type such as **MG6c *Lolium perenne*-*Cynosurus cristatus* grassland, *Trisetum flavescens* sub-community** or even **MG7 *Lolium perenne* leys and related grasslands**. A species list is given in *Column 1 of Table 9.14*. On steeper slopes - especially close to a track on the southern side - strong calcicoles such as *Anacamptis pyramidalis* (Pyramidal Orchid), *Phyteuma orbiculare* (Round-headed Rampion) and *Scabiosa columbaria* (Small Scabious) are

more frequent. A species list is given in *Column 2 of Table 9.14*, and a floristic table is given in *Table 8.14*. Here species-rich swards are variously dominated by *Bromopsis erecta* (Upright Brome) and *Festuca ovina* (Sheep's-fescue) and probably represent the NVC types **CG2 *Festuca ovina*-*Avenula pratensis* grassland** undifferentiated and **CG3b *Bromus erectus* grassland, *Centaurea nigra* sub-community** in mosaic and transition. As the slopes become less steep *Bromopsis erecta* (Upright Brome) becomes more strongly dominant, and swards tend towards **CG3 *Bromus erectus* grassland** but eutrophic tendencies confuse the NVC status of the sward, which is hard to interpret. A floristic table is given in *Table 8.13*. These grade into species-rich mesotrophic swards on the north-facing slopes having affinities with **MG5b *Cynosurus cristatus*-*Centaurea nigra* grassland, *Galium verum* sub-community**, and more eutrophic swards in places that are semi-improved or most heavily used by the public, perhaps referable to the NVC type **MG6c *Lolium perenne*-*Cynosurus cristatus* grassland, *Trisetum flavescens* sub-community**. This gradient is represented in floristic tables in *Tables 8.11 and 8.12*.

On grazed slopes to the west, around *Target Note 111c*, relatively species-rich calcicolous swards are somewhat rank, with *Brachypodium pinnatum* (Tor-grass) featuring prominently among the dominants. The strong calcicoles such as *Phyteuma orbiculare* (Round-headed Rampion), though present in small quantity, are much less prominent than coarser forbs such as *Galium verum* (Lady's Bedstraw), *Lotus corniculatus* (Common Bird's-foot-trefoil) and *Trifolium pratense* (Red Clover). Here the swards are patchily referable to the NVC type **CG3 *Bromus erectus* grassland** but tend towards **CG6 *Avenula pubescens* grassland** on the deeper soils. A floristic table is given in *Table 8.15*. These swards nevertheless form mosaic and transition with shorter and more species-rich swards with strong calcicoles referable to the NVC type **CG2c *Festuca ovina*-*Avenula pratensis* grassland, *Holcus lanatus*-*Trifolium repens* sub-community** - the more eutrophic sub-community of the richest chalk grasslands. A floristic table is given in *Table 8.16*. In less intensively grazed places around *Target Note 111d*, swards dominated by *Arrhenatherum elatius* (False Oat-grass) and *Brachypodium pinnatum* (Tor-grass) contain a much reduced range of species in which only the larger dicotyledonous herbs survive amongst coarse grasses. Computer-matching suggests that these are mostly referable to the NVC type **MG1e *Arrhenatherum elatius* grassland, *Centaurea nigra* sub-community** though it is hard to believe that there are not stands of **CG4 *Brachypodium pinnatum* grassland** in some places. A floristic table is given in *Table 8.17*.

Extensive semi-improved grasslands on the north-facing slopes at *Target Note 112* tend to have a reduced complement of the commoner calcicolous grassland species together with species common in mesotrophic grassland including *Holcus lanatus* (Yorkshire-fog) and *Lolium perenne* (Perennial Rye-grass). They are referable to the NVC type **MG6c *Lolium perenne*-*Cynosurus cristatus* grassland, *Trisetum flavescens* sub-community**. A floristic table is given in *Table 8.22*. Grasslands on the steep lower slopes are less improved and consist of coarse swards dominated by *Brachypodium pinnatum* (Tor-grass) on the least accessible slopes, and semi-improved calcicolous grassland on the gentler eastern slopes. Floristic tables for these grasslands are given in *Tables 8.20, 8.21 and 8.22*.

### 3.5 *Marshy Grassland and Swamp*

#### 3.5.1 *Marshy Grassland*

The largest area of marshy grassland – at *Target Note 162* – is dominated by tussocks of *Juncus effusus* (Soft-rush) together with the grasses *Agrostis stolonifera* (Creeping Bent), *Deschampsia cespitosa* (Tufted Hair-grass) and *Holcus lanatus* (Yorkshire-fog), and poor-fen herbs such as *Angelica sylvestris* (Wild Angelica), *Cirsium palustre* (Marsh Thistle), *Galium palustre* (Common Marsh-bedstraw), *Pulicaria dysenterica* (Common Fleabane) and *Stellaria alsine* (Bog Stitchwort). It is widely referable to the NVC type **M23b *Juncus effusus/acuteiflorus-Galium palustre* rush-pasture, *Juncus effusus* sub-community**. An NVC table for this grassland is given in *Table 8.25*. To the west, the ground slopes down gently towards an extensive area of damp woodland called The Alders, where the grassland becomes wetter and more interesting botanically. In the south-west corner of the field (outside the proposed working width), there is locally frequent *Carex paniculata* (Greater Tussock-sedge) and *Molinia caerulea* (Purple Moor-grass) together with *Juncus acuteiflorus* (Sharp-flowered Rush) and small amounts of *Cirsium dissectum* (Meadow Thistle), *Comarum palustre* (Marsh cinquefoil) and *Potentilla erecta* (Tormentil). Here, the presence of Meadow Thistle, in particular, indicates possibly base-enrichment and slight affinities with **M24 *Molinia caerulea-Cirsium dissectum* fen-meadow**, though it probably more closely resembles **M23a *Juncus effusus/acuteiflorus-Galium palustre* rush-pasture, *Juncus acuteiflorus* sub-community**. Conversely, the south-east corner of the field is more disturbed and the vegetation grassier with fewer poor-fen species. This is referable to the NVC type **MG10a *Holcus lanatus-Juncus effusus* rush-pasture, typical sub-community**. A combined species list for these areas of marshy grassland is given in *Table 9.16*.

Other areas of marshy grassland occur in a few places alongside streams or in damp pastures where the ground is water-logged or periodically inundated, and are described as follow.

- Marshy grassland alongside a stream at *Target Note 168* has a species-poor sward of *Alopecurus pratensis* (Meadow Foxtail), *Holcus lanatus* (Yorkshire-fog) and *Juncus effusus* (Soft-rush) with frequent *Carex hirta* (Hairy Sedge) and is also referable to **MG10a**.
- Similar damp grassland with tussocks of *Juncus inflexus* (Hard Rush) replacing *Juncus effusus* (Soft-rush) occurs at *Target Notes 52* and *103* and is most likely **MG10b *Holcus lanatus-Juncus effusus* rush-pasture, *Juncus inflexus* sub-community**.
- Water-logged ground beside the stream at *Target Note 52* and at *Target Note 102* is dominated by *Agrostis stolonifera* (Creeping Bent) with species such as *Glyceria notata* (Plicate Sweet-grass) and *Rumex conglomeratus* (Clustered Dock). This is referable to the NVC type **MG13 *Agrostis stolonifera-Alopecurus geniculatus* grassland**.

- Small, localised patches of *Juncus acutiflorus* (Sharp-flowered Rush) at *Target Notes* 52 are effectively **M23a**.

NVC tables and species lists covering these areas are given in *Tables* 8.7, 8.28, 8.29, 9.3, 9.13, 9.16 and 9.19.

A small, but botanically interesting, area of marshy grassland occurs at *Target Note* 27 on inundated ground in the damp grassland north of the railway line. It is species-rich and comprises a mixture of small sedges, grasses and forbs with abundant mosses. The sedge *Carex nigra* (Common Sedge) is locally dominant over a carpet of the mosses *Calliergon cordifolium* and *Drepanocladus aduncus* with other species including *Agrostis stolonifera* (Creeping Bent), *Carex panicea* (Carnation Sedge), *Eleocharis palustris* (Common Spike-rush), *Equisetum palustre* (Marsh Horsetail), *Persicaria amphibia* (Amphibious Bistort) and *Ranunculus repens* (Creeping Buttercup). This vegetation is best described by the proposed NVC type ***Carex nigra-Agrostis stolonifera* community**. An NVC table and a species list are given in *Tables* 8.2 and 9.5.

Also included under marshy grassland are areas of tall-herb fen dominated by *Phalaris arundinacea* (Reed Canary-grass), occurring on damp, nutrient-rich soils beside streams. At *Target Note* 223 *Phalaris arundinacea* (Reed Canary-grass) occurs together with *Elytrigia repens* (Common Couch), *Juncus effusus* (Soft-rush) and *Urtica dioica* (Common Nettle) in vegetation referable to the NVC type **S28c *Phalaris arundinacea* tall-herb fen, *Elymus repens-Holcus lanatus* sub-community**. A species list for this area is given in *Table* 9.9. Tall-herb fen along the stream at *Target Note* 138 is largely dominated by *Carex acutiformis* (Lesser Pond-sedge) forming **S7 *Carex acutiformis* swamp**.

### 3.5.2 Swamp

Excluding marginal vegetation associated with watercourses the only area mapped as swamp in *Figure 2* occurs in Lower Cokeham SSCI at *Target Note* 32. This is dominated by *Carex acutiformis* (Lesser Pond-sedge) and *Phragmites australis* (Common Reed) with locally frequent *Carex riparia* (Greater Pond-sedge), *Epilobium hirsutum* (Great Willowherb) and *Iris pseudacorus* (Yellow Iris). It is mostly referable to the NVC type **S7 *Carex acutiformis* swamp**, grading into **S26d *Phragmites australis-Urtica dioica* tall-herb fen, *Epilobium hirsutum* sub-community** or **OV26b *Epilobium hirsutum* community, *Phragmites australis-Iris pseudacorus* sub-community** where *Epilobium hirsutum* (Great Willowherb) and *Filipendula ulmaria* (Meadowsweet) are most abundant, or **S4a *Phragmites australis* swamp and reed-beds, *Phragmites australis* sub-community** in ditches dominated by *Phragmites*. There are also extensive stands of the non-native *Aster ×salignus* (Common Michaelmas-daisy) with *Phragmites* and *Pulicaria dysenterica* (Common Fleabane). A species list for *Target Note* 32 is given in *Table* 9.6.

### 3.6 *Tall Herb and Fern*

#### 3.6.1 *Bracken*

Species-poor vegetation dominated by *Pteridium aquilinum* (Bracken) was recorded from one roadside bank at *Target Note 155*. It is referable to the NVC type **W25a *Pteridium aquilinum*-*Rubus fruticosus* underscrub, *Hyacinthoides non-scripta* sub-community**

#### 3.6.2 *Tall Ruderal*

Former allotments at *Target Note 19* have been largely taken over by tall ruderal vegetation dominated by *Urtica dioica* (Common Nettle). The moss *Brachythecium rutabulum* is abundant on the ground through this area with additional species including *Anthriscus sylvestris* (Cow Parsley), *Galium aparine* (Cleavers), *Glechoma hederacea* (Ground-ivy), *Poa trivialis* (Rough Meadow-grass) and *Narcissus* species (a Daffodil). This vegetation is referable to the NVC types **OV24a *Urtica dioica*-*Galium aparine* community, typical sub-community** and **OV24b *Urtica dioica*-*Galium aparine* community, *Arrhenatherum elatius*-*Rubus fruticosus* sub-community OV24 *Urtica dioica*-*Galium aparine* community**. A species list for the former allotments is given in *Table 9.4*. Elsewhere on the route, smaller stands of *Urtica dioica* (Common Nettle) occur along field boundaries, roadsides and watercourses, for example at *Target Note 313*.

Mixed stands of ruderal species in which *Cirsium arvense* (Creeping Thistle) equals or exceeds Common Nettle are mostly referable to the NVC type **OV25b *Urtica dioica*-*Cirsium arvense* community, *Rumex obtusifolius*-*Artemisia vulgaris* sub-community**. One such example occurs at *Target Note 308*.

Stands of the invasive species *Fallopia japonica* (Japanese Knotweed) were recorded from the allotments, at *Target Notes 16, 23 and 24*, and along the western River Adur embankment at *Target Note 96a*. In addition, *Heracleum mantegazzianum* (Giant Hogweed) is growing abundantly along field boundaries between *Target Notes 45 and 48*.

### 3.7 *Coastal Habitats*

#### 3.7.1 *Shingle*

Coastal shingle at the landfall (*Target Note 1*) is unvegetated except for a 10 m wide strip along the upper foreshore. This stabilized shingle supports a range of short annual and perennial herbs characteristic of disturbed, coastal habitats including *Catapodium marinum* (Sea Fern-grass), *Centranthus ruber* (Red Valerian), *Crepis vesicaria* (Beaked Hawk's-beard), *Festuca rubra* (Red Fescue), *Geranium molle* (Dove's-foot Crane's-bill), *Helminthotheca echioides* (Bristly Oxtongue), *Plantago coronopus* (Buck's-horn Plantain), *Plantago lanceolata* (Ribwort Plantain), *Senecio squalidus* (Oxford Ragwort), *Rumex crispus* (Curled Dock), *Taraxacum* sect.

*Ruderalia* (Common Dandelion) and *Trifolium scabrum* (Rough Clover). There are a few plant of *Crambe maritima* (Sea-kale) and *Crithmum maritimum* (Rock Samphire) and several of the conspicuous garden escape *Erigeron glaucus* (Seaside Daisy). It loosely resembles the NVC type **SD1 *Rumex crispus*-*Glaucium flavum* shingle community** on account of species such as *Crambe* and *Rumex*, however, it is more ruderal in character and lacks other species typically associated with this community. A species list for the shingle is given in *Table 9.1*.

### 3.7.2 Saltmarsh

The River Adur at *Target Note 96* has narrow strips of saltmarsh between the main tidal channel and the artificial embankments. Although only 3-4 m wide at the crossing point, the saltmarsh is divisible into four distinct vegetation zones: *Puccinellia maritima* (Common Saltmarsh-grass) with *Aster tripolium* (Sea Aster) at the river edge – loosely **SM13 *Puccinellia maritima* salt-marsh community**; shrubby vegetation dominated by *Atriplex portulacoides* (Sea-purslane) with *Puccinellia* and *Suaeda maritima* (Annual Sea-blite) – **SM14a *Halimione portulacoides* salt-marsh community, sub-community with *Halimione portulacoides* dominant** or **SM14c *Halimione portulacoides* salt-marsh community, *Puccinellia maritima* sub-community**; and grassy vegetation higher up the bank dominated by *Festuca rubra* (Red Fescue) with *Artemisia maritima* (Sea Wormwood) – broadly **SM16 *Festuca rubra* salt-marsh community** – or *Elytrigia atherica* (Sea Couch) with *Plantago lanceolata* (Ribwort Plantain) – **SM24 *Elymus pycnanthus* salt-marsh community**. Species lists for the saltmarsh are given in *Table 9.12*.

## 3.8 Watercourses and Ponds

### 3.8.1 Rivers and Streams

The most significant watercourse crossed by the route is the River Adur at *Target Note 96*, which is a large tidal river some tens of metres wide contained by earth embankment flood defences. There are narrow bands of saltmarsh vegetation along the upper banks, with the lower banks comprising bare mud exposed for several metres at low tide. A few other small rivers are crossed, as follow.

- The Teville Stream is a small river which is crossed at *Target Note 9* and on the edge of the survey corridor at *Target Notes 20* and *40*. It is eutrophic with semi-ruderal vegetation on its banks and *Phragmites australis* (Common Reed) at the water margins. Locally, there is *Carex riparia* (Greater Pond-sedge), *Mentha aquatica* (Water Mint) and *Sparganium erectum* (Branched Bur-reed).
- Small rivers crossed at *Target Notes 187*, *222* and *246* are eutrophic, slow-flowing and about 5-6 m wide and over 1 m deep with banks around 1-2 m high. They have similar bankside and marginal vegetation comprising *Phalaris arundinacea* (Reed Canary-grass) or *Phragmites australis* (Common Reed) with *Oenanthe crocata* (Hemlock Water-dropwort) and *Urtica dioica* (Common Nettle). The aquatic plant *Nymphaea alba* (White Water-lily) and

the submerged form of *Sparganium erectum* (Branched Bur-reed) were recorded at *Target Note 222*.

Several smaller streams are also crossed, ranging from tiny trickles of water to 1-2 m wide channels. In general, the shaded streams have limited associated flora, except perhaps for a few emergent plants or, very locally, some bankside bryophytes, though the wooded streams at *Target Notes 139* and *141* do have intrinsic value as semi-natural habitats. Most un-shaded streams support at least some emergent and wet bank vegetation including *Apium nodiflorum* (Fool's Water-cress), *Glyceria fluitans* (Floating Sweet-grass), *Oenanthe crocata* (Hemlock Water-dropwort), *Phalaris arundinacea* (Reed Canary-grass) and *Sparganium erectum* (Branched Bur-reed), and the streams at *Target Notes 51, 138* and *168* support adjacent areas of marshy grassland.

### 3.8.2 Ditches

Around 30 wet ditches were recorded from the survey area, though over half are small drains alongside hedges, which typically contain little water and few wetland plants. Ditches supporting more noteworthy vegetation are briefly described below.

- The largest concentration of wet ditches occurs to the north of the railway between *Target Notes 25* and *44*. Their banks are grazed and poached by livestock and the channels are up to 5 m wide and 0.5 m deep. A few are dominated by emergent vegetation including *Apium nodiflorum* (Fool's Water-cress), *Carex riparia* (Greater Pond-sedge), *Mentha aquatica* (Water Mint) and *Phragmites australis* (Common Reed), but those at *Target Notes 39* and *44* are mostly open water with submerged aquatic plants including *Callitriche platycarpa/stagnalis* (a Water-starwort) and *Ranunculus aquatilis/peltatus* (a Water-crowfoot). These had dried out by mid-summer, probably due to exceptional dry conditions.
- Of two large drains west of the River Adur, *Target Note 94* is eutrophic with abundant algae, whereas *Target Note 95* contains deep, clear water and a diverse aquatic flora including abundant *Callitriche cf. platycarpa* (Various-leaved Water-starwort). Other species recorded from the ditch include *Elodea cf. canadensis* (Canadian Waterweed), *Equisetum fluviatile* (Water Horsetail) and *Lemna minor* (Common Duckweed).
- A few shallow drains support emergent plant species such as *Apium nodiflorum* (Fool's Water-cress), *Glyceria fluitans* (Floating Sweet-grass) and *Veronica beccabunga* (Brooklime).
- A small number of drains are dominated by *Phragmites australis* (Common Reed) with few other species.

### 3.8.3 Ponds

There are only a few ponds that could be directly affected by the route, together with a few on the edge of the survey corridor, as follow.

- A small, temporary pond at *Target Note 25* contains abundant *Ranunculus aquatilis/peltatus* (a Water-crowfoot) and *Rumex conglomeratus* (Clustered

Dock) with frequent *Callitriche* cf. *platycarpa* (Various-leaved Water-starwort) and *Myosotis scorpioides* (Water Forget-me-not).

- A shallow pond in scrub at *Target Note 105* supports patches of emergent *Glyceria maxima* (Reed Sweet-grass) with scattered *Epilobium hirsutum* (Great Willowherb) and *Rumex conglomeratus* (Clustered Dock).
- The pond at *Target Note 161* has been recently excavated in an area of marshy grassland and has marshy vegetation along its banks and frequent aquatic *Potamogeton natans* (Broad-leaved Pondweed).
- Artificial fishing ponds and an ornamental boating lake occurring just outside the route corridor have low potential botanical interest.

### 3.8.4

#### Vegetation Types

The following aquatic and wetland NVC types have been recorded from watercourses and ponds on the route.

- Eutrophic watercourses occasionally support tall bankside vegetation dominated by *Phragmites australis* (Common Reed) with *Oenanthe crocata* (Hemlock Water-dropwort) and *Urtica dioica* (Common Nettle) that is referable to the NVC type **S26c *Phragmites australis*-*Urtica dioica* tall-herb fen, *Oenanthe crocata* sub-community**. Drier reed-swamp with *Arrhenatherum elatius* (False Oat-grass) underneath is probably **S26b *Phragmites australis*-*Urtica dioica* tall-herb fen, *Arrhenatherum elatius* sub-community**.
- Very locally, *Epilobium hirsutum* (Great Willowherb) is abundant on banksides together with coarse herbs and grasses such as *Arrhenatherum elatius* (False Oat-grass) forming the NVC type **OV26d *Epilobium hirsutum* community, *Arrhenatherum elatius*-*Heracleum sphondylium* sub-community**.
- Tall herb vegetation dominated by *Phalaris arundinacea* (Reed Canary-grass) either as the sole species or with other coarse herbs such as *Epilobium hirsutum* (Great Willowherb) and *Urtica dioica* (Common Nettle) is referable to the NVC types **S28a *Phalaris arundinacea* tall-herb fen, *Phalaris arundinacea* sub-community** and **S28b *Phalaris arundinacea* tall-herb fen, *Epilobium hirsutum*-*Urtica dioica* sub-community**, and occurs frequently in mostly small stands.
- Stands of *Phragmites australis* (Common Reed) with virtually no other species are referable to the NVC type **S4a *Phragmites australis* swamp and reed-beds, *Phragmites australis* sub-community**. This is the dominant vegetation type in the drains at *Target Notes 99/101*. Richer reed-swamp recorded in the ditch at *Target Note 34* contains several other wetland plants including *Equisetum palustre* (Marsh Horsetail), *Mentha aquatica* (Water Mint) and *Myosotis laxa* (Tufted Forget-me-not) and belongs in **S4b *Phragmites australis* swamp and reed-beds, *Galium palustre* sub-community**.
- Small areas of emergent *Sparganium erectum* (Branched Bur-reed) were recorded from very few watercourse and includes **S14a *Sparganium erectum***

**swamp, *Sparganium erectum* sub-community and S14c *Sparganium erectum* swamp, *Mentha aquatica* sub-community.**

- Several shallow ditches support vegetation characterised by small perennial herbs such as *Apium nodiflorum* (Fool's Water-cress), *Mentha aquatica* (Water Mint) and *Veronica beccabunga* (Brooklime) encompassed by the NVC type **S23 Other water margin vegetation**. Very locally, floating mats of *Glyceria* species (Sweet-grasses) give rise to **S22 *Glyceria fluitans* water-margin vegetation**.
- Marginal stands of *Glyceria maxima* (Reed Sweet-grass) referable to the NVC type **S5a *Glyceria maxima* community, *Glyceria maxima* sub-community** were recorded in the ditches at *Target Notes* 94 and 95.
- A few marshy streams and shallow ditches support species-poor stands of the tall sedges *Carex acutiformis* (Lesser Pond-sedge) or *Carex riparia* (Greater Pond-sedge), referable to the NVC types **S7 *Carex acutiformis* swamp** and **S6 *Carex riparia* swamp**, respectively.
- Poached ditch margins at *Target Note* 39 and 43, for example, are characterised by species such as *Myosotis laxa* (Tufted Forget-me-not), *Ranunculus sceleratus* (Celery-leaved Buttercup) and *Veronica catenata* (Pink Water-speedwell) loosely referable to the NVC type **OV32 *Myosotis scorpioides*-*Ranunculus sceleratus* community**.
- Ditches and a pond north of the railway were recorded during the Phase 1 survey as containing abundant *Ranunculus aquatilis/peltatus* (a Water-crowfoot) forming **A20 *Ranunculus peltatus* community**. However, during the summer surveys these had dried out along with their aquatic plants. They also contained much *Callitriche platycarpa/stagnalis* (a Water-starwort), *i.e.* **A16**.
- The large drain at *Target Note* 95 contains very abundant *Callitriche platycarpa/stagnalis* (a Water-starwort) referable to the NVC type **A16 *Callitriche stagnalis* community**. It also contains vegetation dominated by *Elodea* cf. *canadensis* (Canadian Waterweed) which is **A15 *Elodea canadensis* community**.
- Floating mats of *Lemna minor* (Common Duckweed) recorded in a few wet ditches are the **A2 *Lemna minor* community**.
- The pond at *Target Note* 161 has frequent *Potamogeton natans* (Broad-leaved Pondweed) giving rise to **A9a *Potamogeton natans* community, species-poor sub-community**.

Species lists for the watercourses and ponds described above are spread across *Tables* 9.3, 9.6, 9.11, 9.15, 9.17, 9.20, 9.19 and 9.21.

### 3.9 *Other Habitats*

#### 3.9.1 *Arable*

The arable farmland on the route is intensively managed and during the spring Phase 1 survey it was considered unlikely that fields would support important arable weed assemblages. Where arable weed assemblages were present (most were recently

ploughed) – in fallow or winter-sown fields – only common and persistent species such as *Alopecurus myosuroides* (Black-grass), *Capsella bursa-pastoris* (Shepherd's-purse), *Epilobium* species (Willowherb species), *Geranium dissectum* (Cut-leaved Crane's-bill) and *Sonchus oleraceus* (Smooth Sow-thistle) were recorded. Some field margins are managed as permanent strips of rough grassland referable to the NVC type **MG1 *Arrhenatherum elatius* grassland** and therefore are highly unsuitable for annual weeds.

Observations made during subsequent summer surveys confirmed the general assessment of the arable land, but sample surveys were nonetheless undertaken in a handful of fields showing most potential, across the main crop types encountered – wheat, barley, oilseed rape and broad beans. Fields are typically densely cropped and ploughed close to the edge with narrow margins of rough grassland, therefore arable weeds are generally restricted to the junction between the headland and crop or to the very edge of the crop. This is true of the fields at *Target Notes 89a, 108a and 181a*, which were sown with oilseed rape, barley and wheat, respectively. A moderate range of common arable weeds were recorded including *Atriplex prostrata* (Spear-leaved Orache), *Bromus hordeaceus* (Soft-brome), *Chenopodium album* (Fat-hen), *Polygonum aviculare* (Knotgrass), *Sonchus* species (Sow-thistles), *Tripleurospermum inodorum* (Scentless Mayweed) and *Veronica persica* (Common Field-speedwell), and, less frequently, *Fumaria officinalis* (Common Fumitory), *Kickxia elatine* (Sharp-leaved Fluellen) and *Papaver rhoeas* (Common Poppy).

A wide, uncropped margin along the southern boundary of a broad bean field at *Target Note 44a* is dominated by *Matricaria chamomilla* (Scented Mayweed) with frequent *Atriplex patula* (Common Orache), *Epilobium* cf. *tetragonum* (Square-stalked Willowherb), *Persicaria maculosa* (Redshank) and *Polygonum aviculare* (Knotgrass), and occasional *Plantago major* (Greater Plantain), *Viola arvensis* (Field Pansy) and *Veronica arvensis* (Wall Speedwell). The declining arable weed *Spergula arvensis* (Corn Spurrey) extends into the crop and is locally dominant in areas where the crop has failed.

The margins of a fallow field at *Target Note 140* support abundant *Alopecurus myosuroides* (Black-grass), *Bromus commutatus* (Meadow Brome) and *Plantago major* (Greater Plantain), *Polygonum aviculare* (Knotgrass) and *Tripleurospermum inodorum* (Scentless Mayweed) with frequent *Anagallis arvensis* ssp. *arvensis* (Scarlet Pimpernel), *Persicaria maculosa* (Redshank) and *Sonchus asper* (Prickly Sow-thistle).

These arable plant assemblages no doubt have affinities with several NVC types, but couldn't be assigned to any one with confidence. Species lists for the fields are given in *Table 9.7*.

### 3.9.2

#### *Semi-urban Habitats*

The Brooklands Pleasure Grounds at the southern end of the route supports semi-urban habitats not found elsewhere on the route, including amenity grassland, ephemeral/short perennial and introduced shrub.

Amenity grassland in the golf course and parkland is highly improved and dominated by *Lolium perenne* (Perennial Rye-grass) with other lawn grasses and few, ubiquitous grassland forbs such as *Achillea millefolium* (Yarrow), *Bellis perennis* (Daisy) and *Trifolium repens* (White Clover), though *Daucus carota* (Wild Carrot) and *Medicago arabica* (Spotted Medick) are locally frequent at *Target Note 4*. Weedy amenity grassland along the A259 road at *Target Note 2* has an open grass sward with a high proportion of forbs and moss species such as *Bellis perennis* (Daisy), *Cerastium glomeratum* (Sticky Mouse-ear), *Daucus carota* (Wild Carrot), cf. *Homalothecium lutescens*, *Plantago coronopus* (Buck's-horn Plantain), *Plantago lanceolata* (Ribwort Plantain) and *Stellaria media* (Common Chickweed). These grasslands are referable to the NVC type **MG7e *Lolium perenne* leys and related grasslands, *Lolium perenne*-*Plantago lanceolata* grassland**. Species lists for these grasslands are given in *Tables 9.1* and *9.2*.

Ornamental trees and shrub are planted as specimens or groups in the golf course and parkland. They are typically less than 20 years old and include *Acer campestre* (Field Maple), *Populus* species (Poplars) and *Salix* species (a Willow), though there are older specimen Poplars and conifers such as *Cupressus glabra* (Smooth Arizona Cypress). Hedges at *Target Notes 3* and *6* are planted with *Tamarix gallica* (Tamarisk) and other, mostly non-native, species.

Open ephemeral/short perennial vegetation on gravel at *Target Note 12* has about 20 % cover of mosses and vascular plants, among which the moss *Homalothecium lutescens* and the forb *Geranium molle* (Dove's-foot Crane's-bill) are most abundant. Other species recorded include *Agrostis stolonifera* (Creeping Bent), *Aphanes arvensis* (Parsley-piert), *Medicago lupulina* (Black Medick), *Poa annua* (Annual Meadow-grass) and *Veronica persica* (Common Field-speedwell). An area at *Target Note 13* has been sown as a wildflower meadow and includes the cornfield weeds *Agrostemma githago* (Corncockle), *Anthemis* cf. *arvensis* (Corn Chamomile), *Centaurea cyanus* (Cornflower), *Papaver rhoeas* (Common Poppy) and *Silene latifolia* ssp. *alba* (White Champion). A combined species list for these areas is given in *Table 9.2*.

## 4

**EVALUATION**

## 4.1

**General**

Despite the diversity of habitats recorded, the majority of the proposed cable route passes through intensively farmed land including the open, arable landscape of the South Downs and the enclosed arable and pastoral countryside in the northern half of the route. Habitats of nature conservation value in these areas are generally restricted to linear features such as hedges and watercourses with other habitats occurring in discrete land parcels. The most significant of these are listed below, in order of south to north..

- Shingle vegetation at *Target Note 1*.
- Unimproved neutral grassland with associated ditches and marshy grassland at *Target Notes 25-44*.
- Calcicolous grassland at *Target Notes 66, 69 and 70*.
- Calcicolous grassland at Steep Down SNCI (*Target Notes 83, 84 and 86*), which is avoided by the route.
- The River Adur at *Target Note 96*.
- Grassland and scrub along a dismantled railway at *Target Note 98*.
- Unimproved grassland slopes at Old Erringham Farm Valley SNCI (*Target Notes 106 and 107*).
- Calcicolous grassland at Tottington Mount (*Target Notes 111a-e and 112*).
- Rough, unimproved grasslands at *Target Notes 150*.
- Stands of semi-natural woodland including *Target Notes 141 276 and 299*.

A brief evaluation of the vegetation at these sites is given below, followed by an assessment of individual habitat and vegetation types, and plant species. In text, UK and Sussex BAP Priority Habitats appear in bold.

*Fields North of the West Coastway Line*

The area north of the railway comprises damp, unimproved and semi-improved fields with a network of ditches and areas of marshy grassland and swamp. Although no particularly uncommon vegetation types or plant species were recorded, this area is considered to have local nature conservation value. It adjoins Lower Cokeham SNCI to the east.

*Calcicolous grassland East of Lambleys Barn*

Calcicolous grassland in the fields east of Lambleys Barn is in unfavourable condition (due to over-grazing by horses or no grazing at all), but it is still of botanical interest. The 'Nationally Scarce' *Phyteuma orbiculare* (Round-headed Rampion) was recorded at *Target Note 69*.

### *River Adur and Adjacent Habitats*

The River Adur is a large tidal river with narrow strips of saltmarsh along its banks, so in effect it qualifies under the UK BAP Priority Habitats for **Rivers** and **Coastal Saltmarsh**. East of the river, habitats include scrub and grassland along a dismantled railway, and a field of damp, unimproved grassland.

### *Old Erringham Farm Valley SNCI*

This SNCI comprises a narrow valley with species-rich calcicolous grassland on the steep south-facing slope and secondary scrub in an area to the south. Vegetation along the valley floor largely consists of species-poor, mesotrophic grassland. Noteworthy species include *Centaurea calcitrapa* (Red Star-thistle), which is abundant on disturbed ground beside a track, and *Thesium humifusum* (Bastard-toadflax).

### *Tottington Mount*

Tottington Mount supports the largest area of species-rich calcicolous grassland on the route. Species recorded here include the ‘Nationally Scarce’ *Phyteuma orbiculare* (Round-headed Rampion).

## **4.2 Habitat and Vegetation Types**

### **4.2.1 Woodland, Scrub and Trees**

#### *Semi-natural Woodland*

The route generally avoids large areas of semi-natural woodland, though it passes close to designated ancient woodlands at *Target Notes 164, 182 and 302*. Other smaller areas occur within the route corridor, for example *Target Notes 141 and 299*. These woods have semi-natural structures and species compositions, and support several species in their field-layers considered to be ancient woodland indicator (AWI) plants in the south-east. Though not designated as ancient woodland, evidence suggests that they have been woodland for a long time and it may be that they are not designated simply because they are very small areas. While small in extent, semi-natural woodland is a limited resource and a UK (**Lowland Mixed Deciduous Woodland**) and Sussex (**Woodland**) BAP Priority Habitat and, as such, they have at least local conservation value.

Plantation woodland on the route is also mostly of recent origin and low conservation priority.

Most areas of scrub are very ordinary examples of the habitat type and in a few cases the scrub is encroaching on more valuable habitats such as calcicolous grassland. Scrub with a woodland ground flora, found at *Target Notes 139 and 164*, is of higher value equivalent to semi-natural woodland.

Mature broad-leaved trees are important landscape features with intrinsic ecological value that cannot be replaced in the short-term.

#### 4.2.2 *Hedges*

Hedges are important as landscape features, habitats and wildlife corridors in the generally intensively farmed land crossed by the route. The northern half of the route, in particular, is densely hedged, and the hedges form a well-connected network with other hedges and woodlands, including several ancient woods in the surrounding area. Most of the hedges are only moderately species-rich in terms of shrub and field-layer species, but they typically support additional features such as standard trees and an adjacent ditch that increase their ecological value. It is likely that many of the hedges have ancient origins and 38 hedges in total qualify as 'Important' based on ecological criteria in the *Hedgerow Regulations 1997*. The UK and Sussex BAPs for **Hedgerowa** are primarily concerned with ancient and species-rich hedges such as these.

There are a handful of species-poor hedges clearly of recent origin that have low ecological value.

#### 4.2.3 *Grassland*

##### *Agricultural Grassland*

Improved and poor semi-improved grasslands on the route are typically very species-poor and have low ecological value.

##### *Unimproved and Semi-improved Neutral Grassland*

Grassland referable to the NVC type **MG6** is fairly common in the UK, but it is rare on the cable route. The fields in question (*Target Notes 26, 35 and 42*) are moderately species-rich without containing any particularly uncommon species and, together with associated ditches and areas of marshy grassland, they are considered to have local nature conservation value.

Rough, unimproved grassland at *Target Note 150* is referable to the NVC types **MG5a** or **Mg1e** and supports a handful of species usually associated with 'Old Meadows' such as *Centaurea debeauxii* (Chalk Knapweed) and *Silaum silaus* (Pepper-saxifrage). It is an example of the UK and Sussex BAP Priority Habitat **Lowland Meadows**. Grasslands at *Target Notes 50a, 50b, 52a and 100*, though species-poor, are also 'unimproved' and have at least some nature conservation value.

Species-poor grassland referable to the NVC type **MG1b** is an ubiquitous, low-value habitat.

### *Calcicolous grassland*

**Lowland Calcicolous grassland** is a UK and Sussex BAP Priority Habitat due to the large-scale loss of habitat to intensive agriculture that has taken place in the South Downs and across the UK. Good examples of species-rich calcicolous grassland occur at Old Erringham Valley SNCI and Tottington Mount, and noteworthy plant species recorded from these sites – *Centaurea calcitrapa* (Red Star-thistle), *Phyteuma orbiculare* (Round-headed Rampion) and *Thesium humifusum* (Bastard-toadflax) – add to their already high nature conservation value. Calcicolous grassland east of Lambleys Barn is in unfavourable condition, but is nevertheless of botanical interest.

#### 4.2.4 *Marshy Grassland and Swamp*

Marshy grassland is rare in the local context and adds to the overall diversity of habitats crossed by the route, even if the examples are generally species-poor. One example at *Target Note 27* supports a much wider range of species and is associated with other habitats of botanical interest (described under unimproved and semi-improved neutral grassland). At *Target Note 162*, the route crosses the corner of a larger area of marshy grassland containing *Carex paniculata* (Greater Tussock-sedge), *Cirsium dissectum* (Meadow Thistle) and *Molinia caerulea* (Purple Moor-grass) – species not recorded anywhere on the route itself. This area is an example of the UK BAP priority habitat **Purple Moor Grass and Rush Pastures**.

Swamp at *Target Note 32* is good quality habitat and occurs in a SNCI designated for its wetland habitats.

#### 4.2.5 *Tall Herb and Fern*

Tall herb vegetation of the kinds recorded from the route is ubiquitous in the UK and typically of low ecological value.

#### 4.2.6 *Coastal Habitats*

**Coastal Vegetated Shingle** is a UK and Sussex BAP Priority Habitat. The shingle at the land-fall is heavily disturbed by vehicles and the public and vegetation is restricted to a 10 m strip containing mostly semi-ruderal species with a handful of coastal specialists. It is not a great example of the habitat type, though still of botanical interest.

**Coastal Saltmarsh** is also a priority habitat in the UK and Sussex BAPs. On the route, saltmarsh is limited to very narrow strips along the banks of the River Adur.

#### 4.2.7 *Watercourses and Ponds*

The most significant watercourse crossed by the cable is the River Adur. It is a large tidal river with narrow strips of saltmarsh along its banks, so in effect it qualifies under the UK BAP Priority Habitats for **Rivers** and **Coastal Saltmarsh**.

Smaller rivers and streams crossed by the route do not meet BAP criteria, though the best examples are perhaps of local interest. These include the more semi-natural watercourses supporting certain wetland vegetation types or adjacent areas of marshy grassland, or those with wooded banks. They are mostly eutrophic and none has any obvious chalk influence.

Many of the ditches crossed are small and support very ordinary examples of wetland vegetation and no aquatics. Large, wet ditches occur north of the railway (*Target Notes 25-44*) and west of the River Adur, most notably at *Target Note 95*. They do support abundant aquatic vegetation and are of some value in the local context.

**Ponds** are a UK BAP Priority Habitat. The temporary pond at *Target Note 25* is the best example, but most others are heavily shaded or artificial fishing ponds.

#### 4.2.8 *Other Habitats*

##### *Arable*

**Arable Field Margins** is a UK and Sussex BAP Priority Habitat. However, arable plant assemblages crossed by the route are very ordinary examples and the only noteworthy species recorded was *Bromus secalinus* (Rye Brome), discussed below.

##### *Semi-urban Habitats*

Semi-urban habitats recorded from the route such as amenity grassland and ornamental shrubs and trees are ordinary examples of widespread artificial habitats. One area of ephemeral/short perennial contains a moderate range of common species, and a wildflower meadow, though of general appeal, is easily recreatable.

### 4.3 *Plant Species*

#### 4.3.1 *Red List Species*

- *Centaurea calcitrapa* (Red Star-thistle) is listed as 'Critical' in Cheffing & Farrell (2005) and 'Nationally Rare' in Stewart *et al.* (1994). It is also a UK BAP Priority Species, though it is doubtfully native. It is growing abundantly along a track in Old Erringham Valley SNCI at *Target Note 103* entirely within the proposed working width.
- *Bromus secalinus* (Rye Brome) is listed as 'Vulnerable' in Cheffing & Farrell (2005) and 'Nationally Scarce' in Stewart *et al.* (1994), though it is likely to be under-recorded. It was recorded from the margins of an arable field at *Target Note 108a* but was also observed in several places off-route, so the impact of the proposed development on the local population would be negligible.

#### 4.3.2 *Nationally Scarce Species*

Two species are listed as ‘Nationally Scarce’ in Stewart *et al.* (1994).

- *Phyteuma orbiculare* (Round-headed Rampion) was recorded as occasional in calcicolous grassland at *Target Notes 111* – where it is largely confined to an exposed chalk slope outside the working width – and *111c*, and there are a few plants at *Target Note 69*. It is therefore likely that plants would be affected at *Target Note 111c* and possibly *69*. Hall (1980) lists it as common on the Downs.
- *Thesium humifusum* (Bastard-toadflax) was recorded along the top of the chalk slope at *Target Note 106*, where it is unlikely to be affected by proposed works.

#### 4.3.3 *Other Noteworthy Species*

- *Trifolium scabrum* (Rough Clover) is listed as ‘Nationally Uncommon’ in Stace (2010) because it occurs in less than 250 ten-kilometre grid-squares nationally (Preston *et al.*, 2002). It is locally frequent on the shingle at *Target Note 1*.
- Under *Section 13 (2a and 2b)* of *Schedule 8* in the *Wildlife & Countryside Act 1981* it is illegal to sell or advertise for sale *Hyacinthoides non-scripta* (Bluebell), though it has no additional conservation status.
- Rare cornfield weeds, *e.g.* *Agrostemma githago* (Corn-cockle) and *Centaurea cyanus* (Cornflower), sown in a wildflower meadow at *Target Note 13* cannot be regarded as *bone fide* wild plants and, therefore, do not have the nature conservation value that their rarity might otherwise suggest.

#### 4.3.4 *Bryophytes*

Mosses and liverworts are rarely important constituents of the vegetation types described in *Sections 3.2* to *3.9*, except perhaps in a few woods and the marshy grassland at *Target Note 27*. In general, the assemblages recorded are of widespread and common species that impart no additional nature conservation value to these habitats.

#### 4.3.5 *Invasive Species*

The tall ruderal plants *Fallopia japonica* (Japanese Knotweed) and *Heracleum mantegazzianum* (Giant Hogweed) are present along the proposed cable route (see *Figure 3* for locations). These are invasive species listed on *Schedule 9* of the *Wildlife and Countryside Act 1981*. It is an offence to cause them to grow or spread in the wild.

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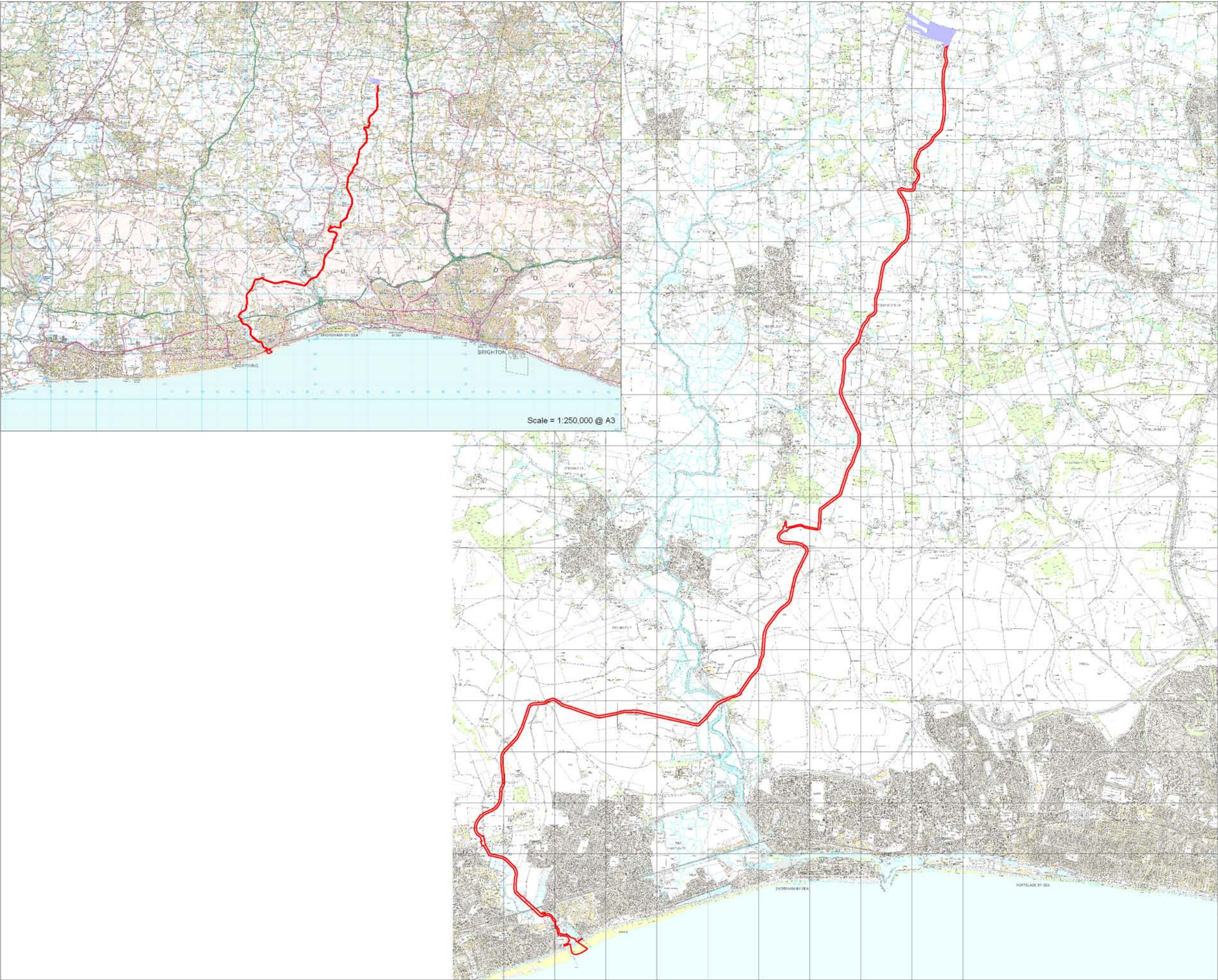
Usher M.B. (1986). *Nature Conservation Evaluation*. Chapman & Hall, London.

**FIGURES**

*Figure 1 – Location Plan*

*Figure 2 – Phase 1 Habitat Map*

*Figure 3 – Detailed Botanical Survey Areas*



Legend :

- Development Boundary
- Substation Development Boundary

|     |          |             |     |     |     |
|-----|----------|-------------|-----|-----|-----|
| 00  | 21.11.12 | Loc         | RG  | NH  | VG  |
| Rev | Date     | Description | Drn | Chk | App |

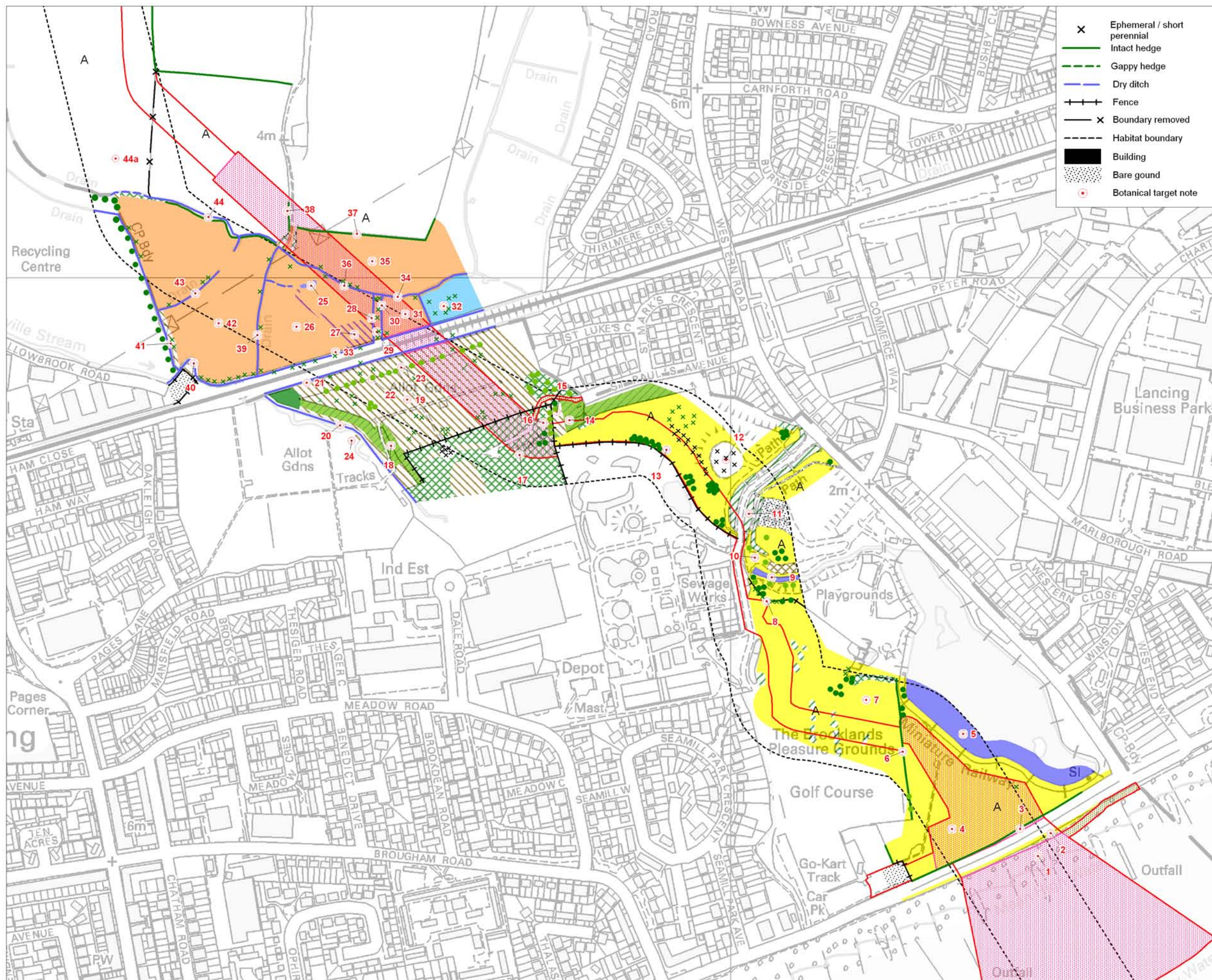
**Rampion Wind Farm**

Title :

Figure 1 -  
Site Location Plan

Scale = 1:75,000 @ A3

REV 16



**Legend:**

- Ecology survey corridor (125m)
- Development Boundary
- Side Access
- Potential Mitigation Area
- HDD Section
- Temporary Construction Compound
- Substation Development Boundary
- No access
- Broad-leaved semi-natural woodland
- Broad-leaved plantation woodland
- Mixed plantation woodland
- Continuous / scattered scrub
- Scattered broad-leaved tree
- Scattered coniferous tree
- SI Semi-improved neutral grassland
- Unimproved neutral grassland
- SI Semi-improved calcareous grassland
- Unimproved calcareous grassland
- Marshy grassland
- SI/I Semi-improved / improved grassland
- Tall ruderal
- Continuous bracken
- Swamp
- Standing / running water
- Saltmarsh
- A Arable
- A Amenity grassland
- Introduced shrub

**Map Details:**

00 21.11.12 P1 RG NH VG

Rev Date Description Drn Chk App

**Rampion Wind Farm**

**RSK e-on**

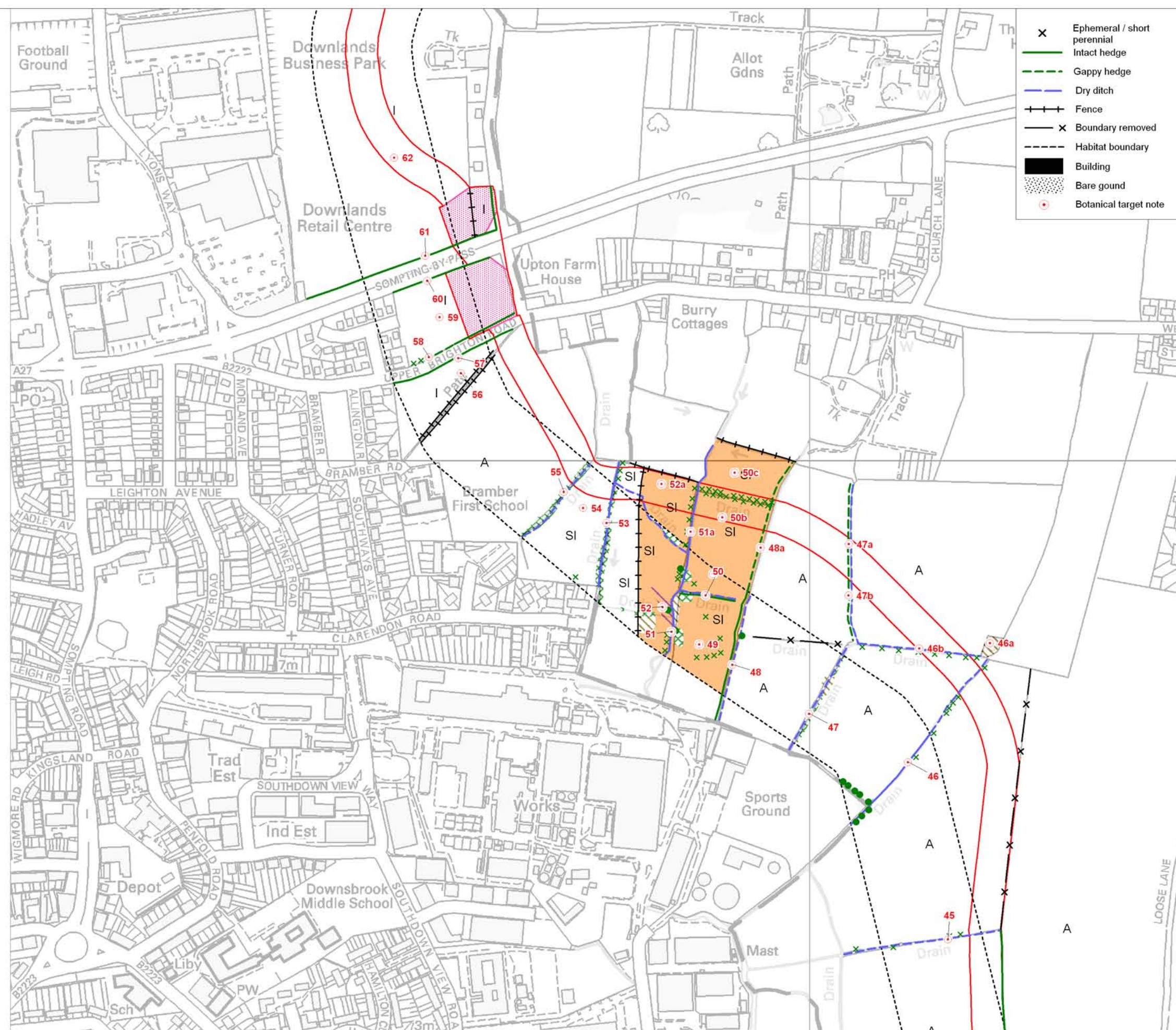
**Title:**

Figure 2 - Botanical Phase 1 Survey Map 1 of 17

0 50 100 metres

Scale = 1:5,000 @ A3

REV 10



- Legend:**

  - Ecology survey corridor (125m)
  - Development Boundary
  - Side Access
  - Potential Mitigation Area
  - HDD Section
  - Temporary Construction Compound
  - Substation Development Boundary
  - No access
  - Broad-leaved semi-natural woodland
  - Broad-leaved plantation woodland
  - Mixed plantation woodland
  - Continuous / scattered scrub
  - Scattered broad-leaved tree
  - Scattered coniferous tree
  - SI Semi-improved neutral grassland
  - Unimproved neutral grassland
  - SI Semi-improved calcareous grassland
  - Unimproved calcareous grassland
  - Marshy grassland
  - SI / I Semi-improved / improved grassland
  - Tall ruderal
  - Continuous bracken
  - Swamp
  - Standing / running water
  - Saltmarsh
  - A Arable
  - A Amenity grassland
  - Introduced shrub
- x Ephemeral / short perennial
  - Intact hedge
  - Gappy hedge
  - Dry ditch
  - Fence
  - x Boundary removed
  - Habitat boundary
  - Building
  - Bare ground
  - Botanical target note

|     |          |             |     |     |     |
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| Rev | Date     | Description | Drn | Chk | App |

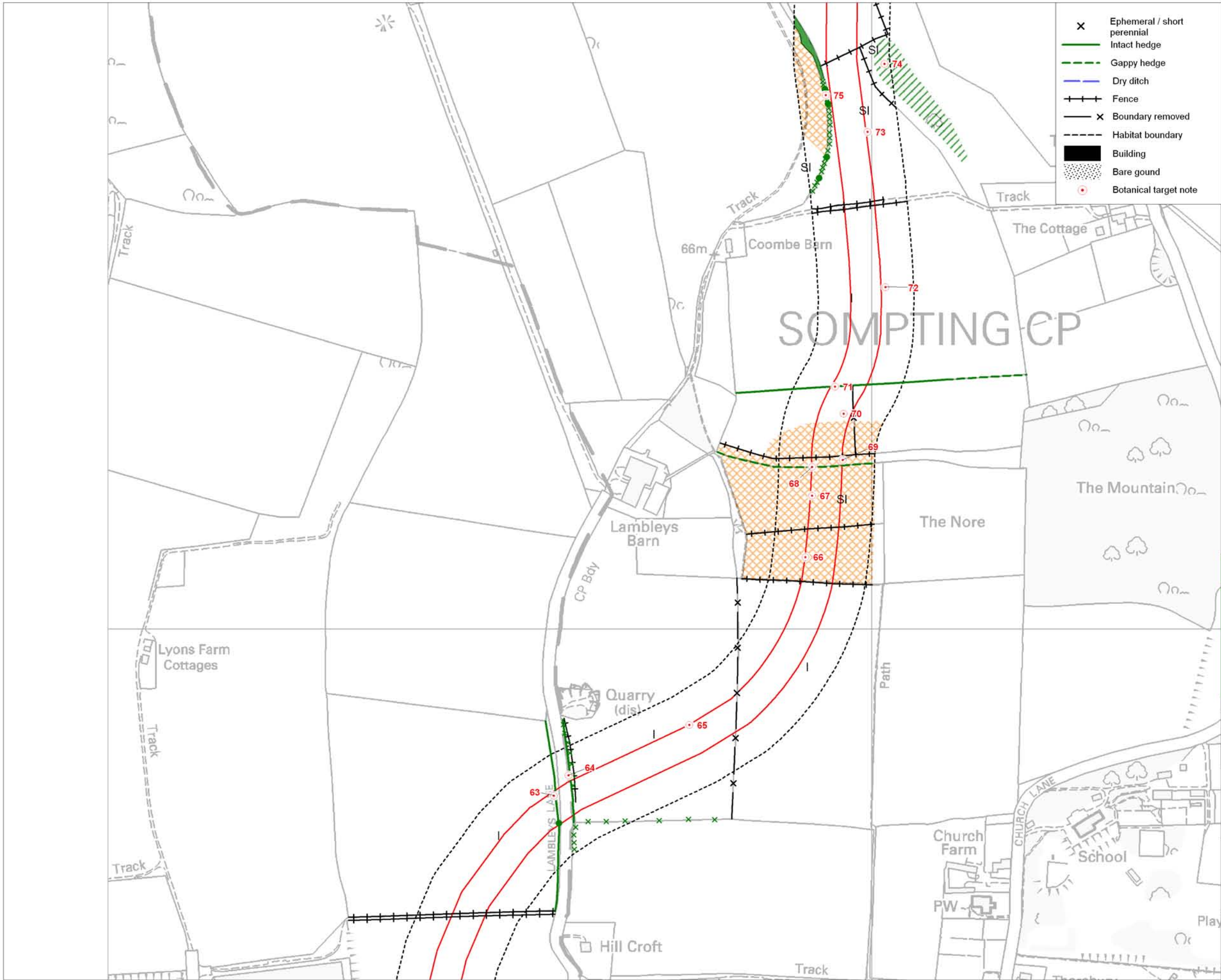
**Rampion Wind Farm**

**RSK e-on**

Title:  
Figure 2 -  
Botanical Phase 1 Survey  
Map 2 of 17

0 50 100  
metres  
Scale = 1:5,000 @ A3

N  
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REV 10



- × Ephemeral / short perennial
- Intact hedge
- - - Gappy hedge
- - - Dry ditch
- + + + Fence
- - - × Boundary removed
- - - Habitat boundary
- Building
- Bare ground
- Botanical target note

- Legend :**
- Ecology survey corridor (125m)
  - Development Boundary
  - Side Access
  - Potential Mitigation Area
  - HDD Section
  - Temporary Construction Compound
  - Substation Development Boundary
  - No access
  - Broad-leaved semi-natural woodland
  - Broad-leaved plantation woodland
  - Mixed plantation woodland
  - × Continuous / scattered scrub
  - Scattered broad-leaved tree
  - Scattered coniferous tree
  - SI Semi-improved neutral grassland
  - Unimproved neutral grassland
  - SI Semi-improved calcareous grassland
  - Unimproved calcareous grassland
  - Marshy grassland
  - SI / I Semi-improved / improved grassland
  - Tall ruderal
  - Continuous bracken
  - Swamp
  - Standing / running water
  - Saltmarsh
  - A Arable
  - A Amenity grassland
  - Introduced shrub

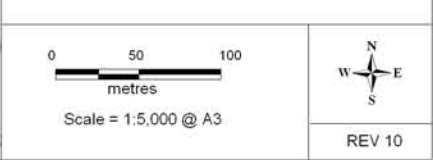


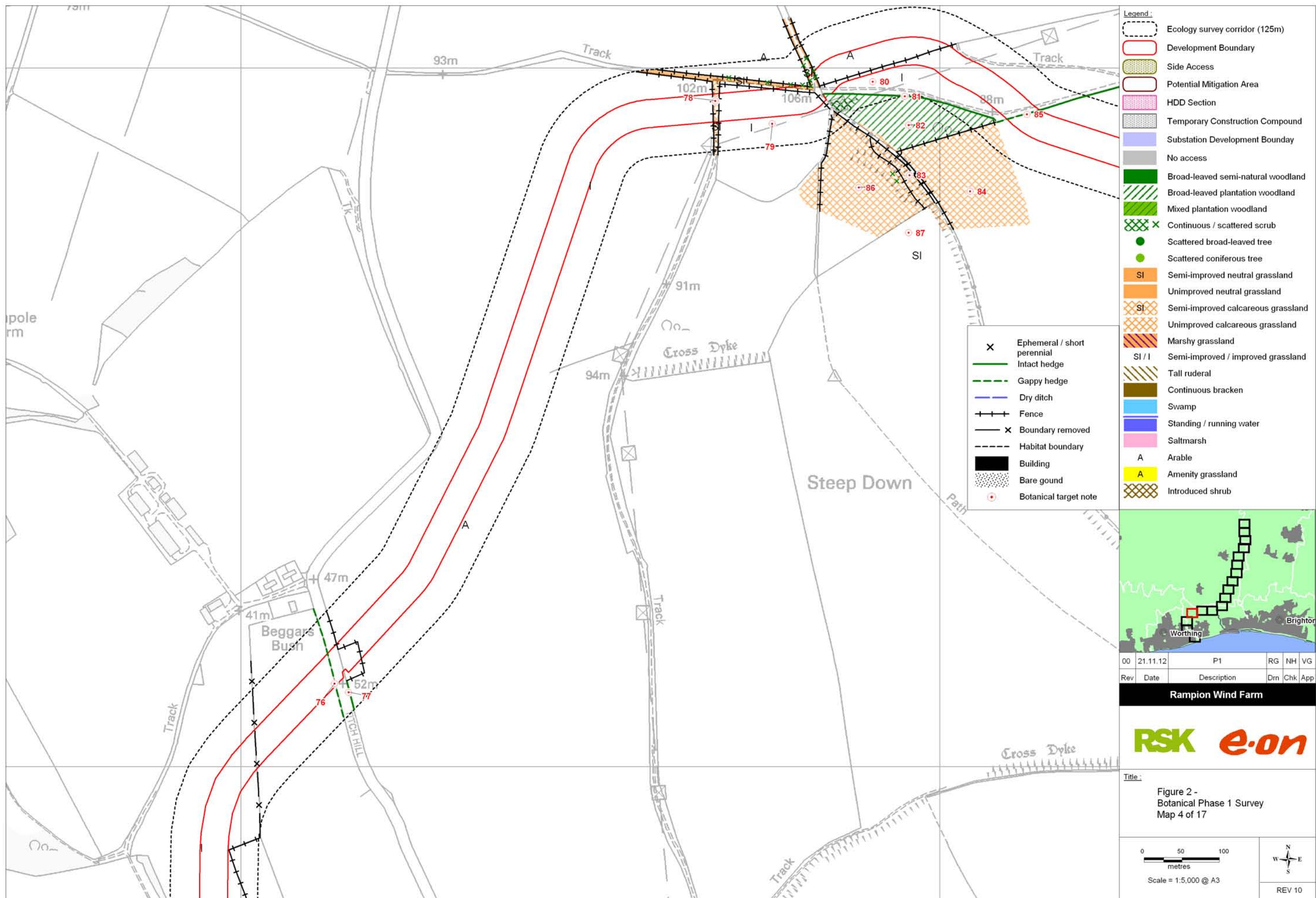
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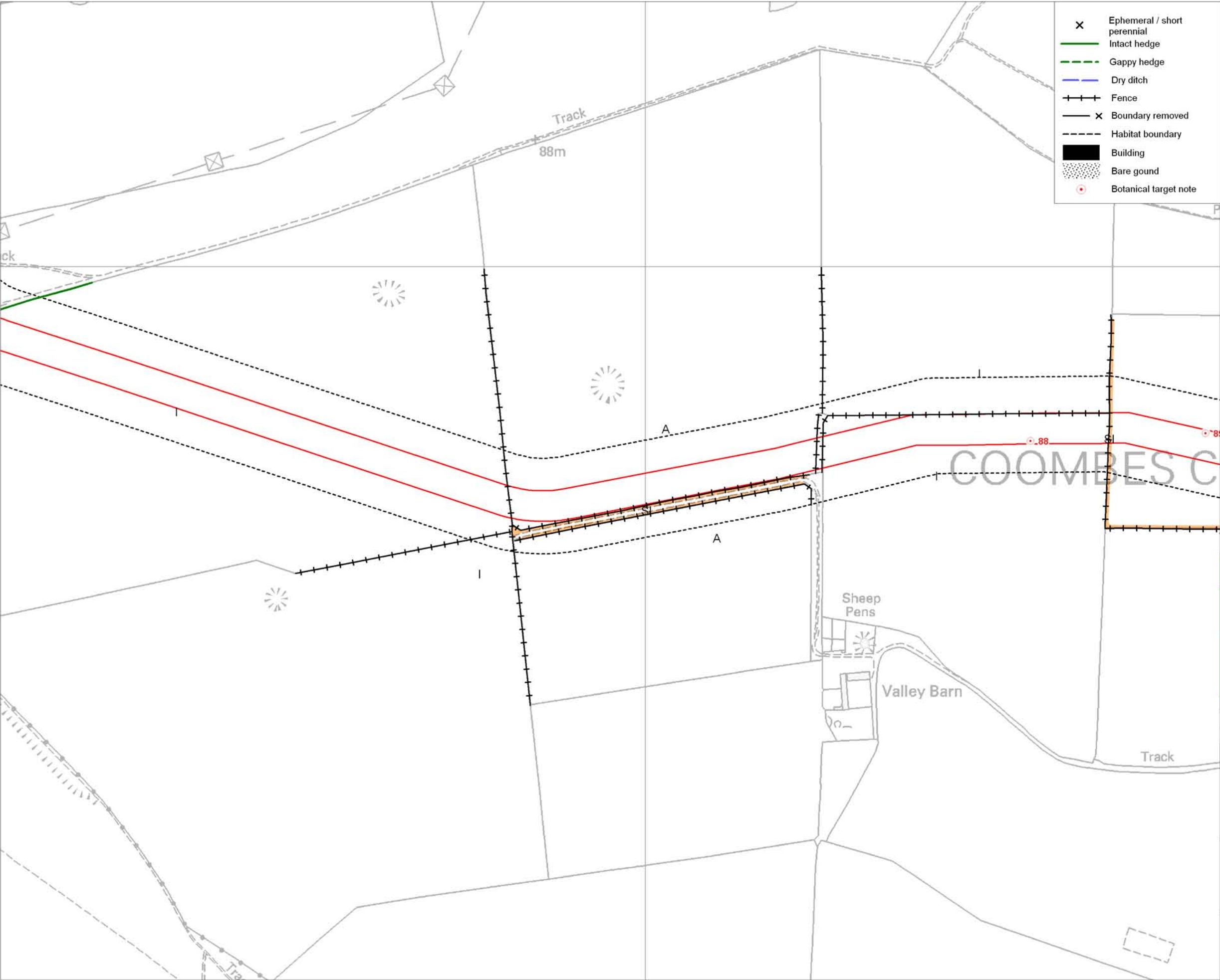
Rampion Wind Farm



**Title :**  
Figure 2 -  
Botanical Phase 1 Survey  
Map 3 of 17







- × Ephemeral / short perennial
- Intact hedge
- - - Gappy hedge
- - - Dry ditch
- + + + Fence
- × Boundary removed
- - - Habitat boundary
- Building
- Bare ground
- Botanical target note

- Legend :**
- Ecology survey corridor (125m)
  - Development Boundary
  - Side Access
  - Potential Mitigation Area
  - HDD Section
  - Temporary Construction Compound
  - Substation Development Boundary
  - No access
  - Broad-leaved semi-natural woodland
  - Broad-leaved plantation woodland
  - Mixed plantation woodland
  - Continuous / scattered scrub
  - Scattered broad-leaved tree
  - Scattered coniferous tree
  - SI Semi-improved neutral grassland
  - Unimproved neutral grassland
  - SI Semi-improved calcareous grassland
  - Unimproved calcareous grassland
  - Marshy grassland
  - SI / I Semi-improved / improved grassland
  - Tall ruderal
  - Continuous bracken
  - Swamp
  - Standing / running water
  - Saltmarsh
  - A Arable
  - A Amenity grassland
  - Introduced shrub

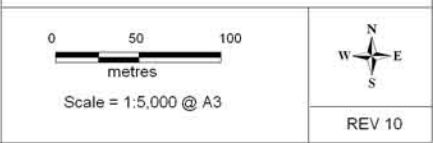


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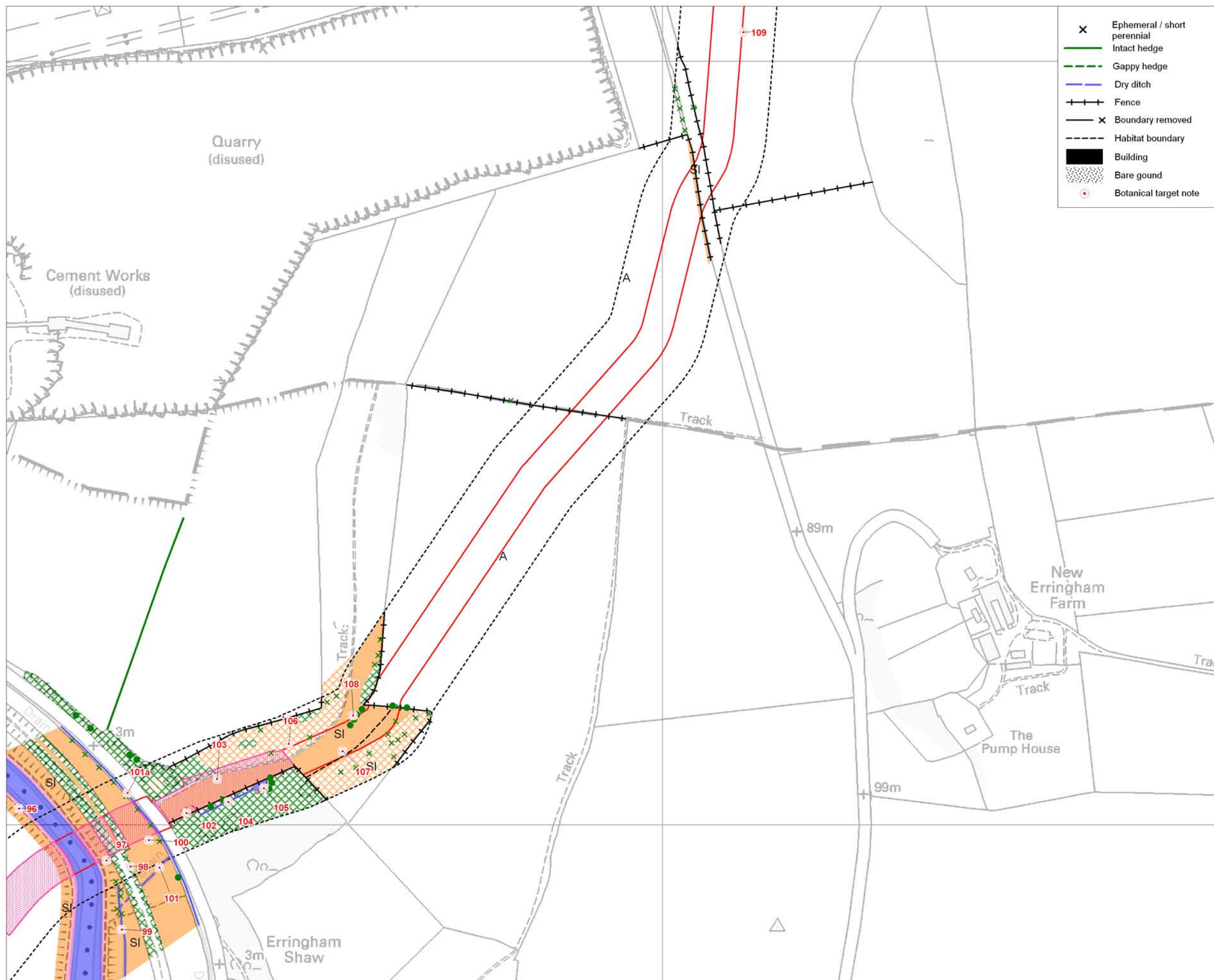
Rampion Wind Farm



Title :  
Figure 2 -  
Botanical Phase 1 Survey  
Map 5 of 17







- × Ephemeral / short perennial  
— Intact hedge  
- - - Gappy hedge  
- - - Dry ditch  
+ + + Fence  
— × Boundary removed  
- - - Habitat boundary  
■ Building  
■ Bare ground  
● Botanical target note

- Legend:**
- Ecology survey corridor (125m)
  - Development Boundary
  - Side Access
  - Potential Mitigation Area
  - HDD Section
  - Temporary Construction Compound
  - Substation Development Boundary
  - No access
  - Broad-leaved semi-natural woodland
  - Broad-leaved plantation woodland
  - Mixed plantation woodland
  - Continuous / scattered scrub
  - Scattered broad-leaved tree
  - Scattered coniferous tree
  - SI Semi-improved neutral grassland
  - Unimproved neutral grassland
  - SI Semi-improved calcareous grassland
  - Unimproved calcareous grassland
  - Marshy grassland
  - SI / I Semi-improved / improved grassland
  - Tall ruderal
  - Continuous bracken
  - Swamp
  - Standing / running water
  - Saltmarsh
  - A Arable
  - A Amenity grassland
  - Introduced shrub

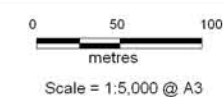


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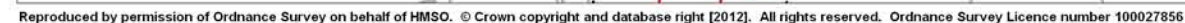
Rampion Wind Farm

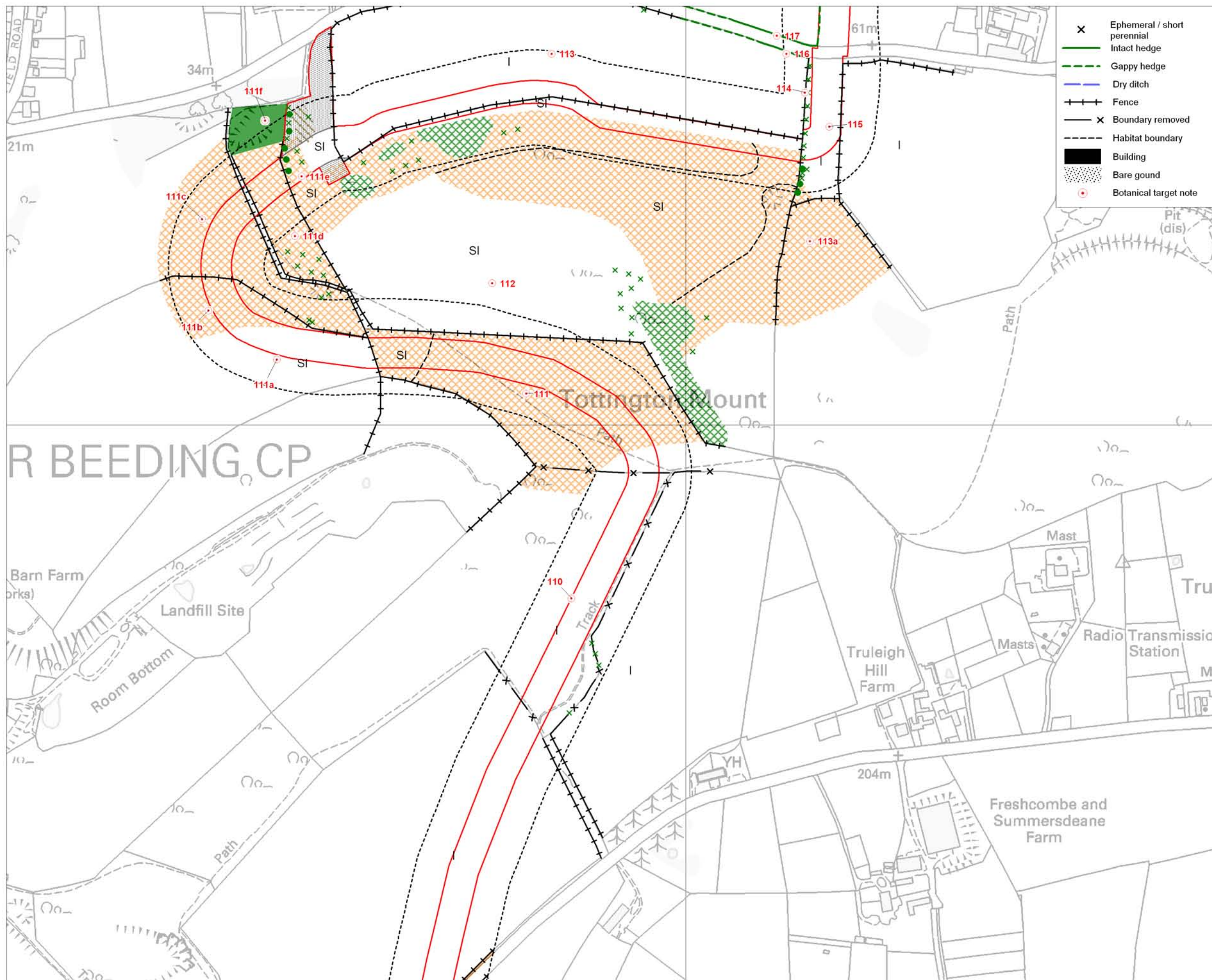
**RSK e-on**

**Title:**  
Figure 2 -  
Botanical Phase 1 Survey  
Map 7 of 17



REV 10





**Legend:**

- Ecology survey corridor (125m)
- Development Boundary
- Side Access
- Potential Mitigation Area
- HDD Section
- Temporary Construction Compound
- Substation Development Boundary
- No access
- Broad-leaved semi-natural woodland
- Broad-leaved plantation woodland
- Mixed plantation woodland
- Continuous / scattered scrub
- Scattered broad-leaved tree
- Scattered coniferous tree
- SI
- Semi-improved neutral grassland
- Unimproved neutral grassland
- SI
- Semi-improved calcareous grassland
- Unimproved calcareous grassland
- Marshy grassland
- SI / I
- Semi-improved / improved grassland
- Tall ruderal
- Continuous bracken
- Swamp
- Standing / running water
- Saltmarsh
- A
- Arable
- A
- Amenity grassland
- Introduced shrub

**Rev** **Date** **Description** **Drn** **Chk** **App**

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**Rampion Wind Farm**

**RSK e-on**

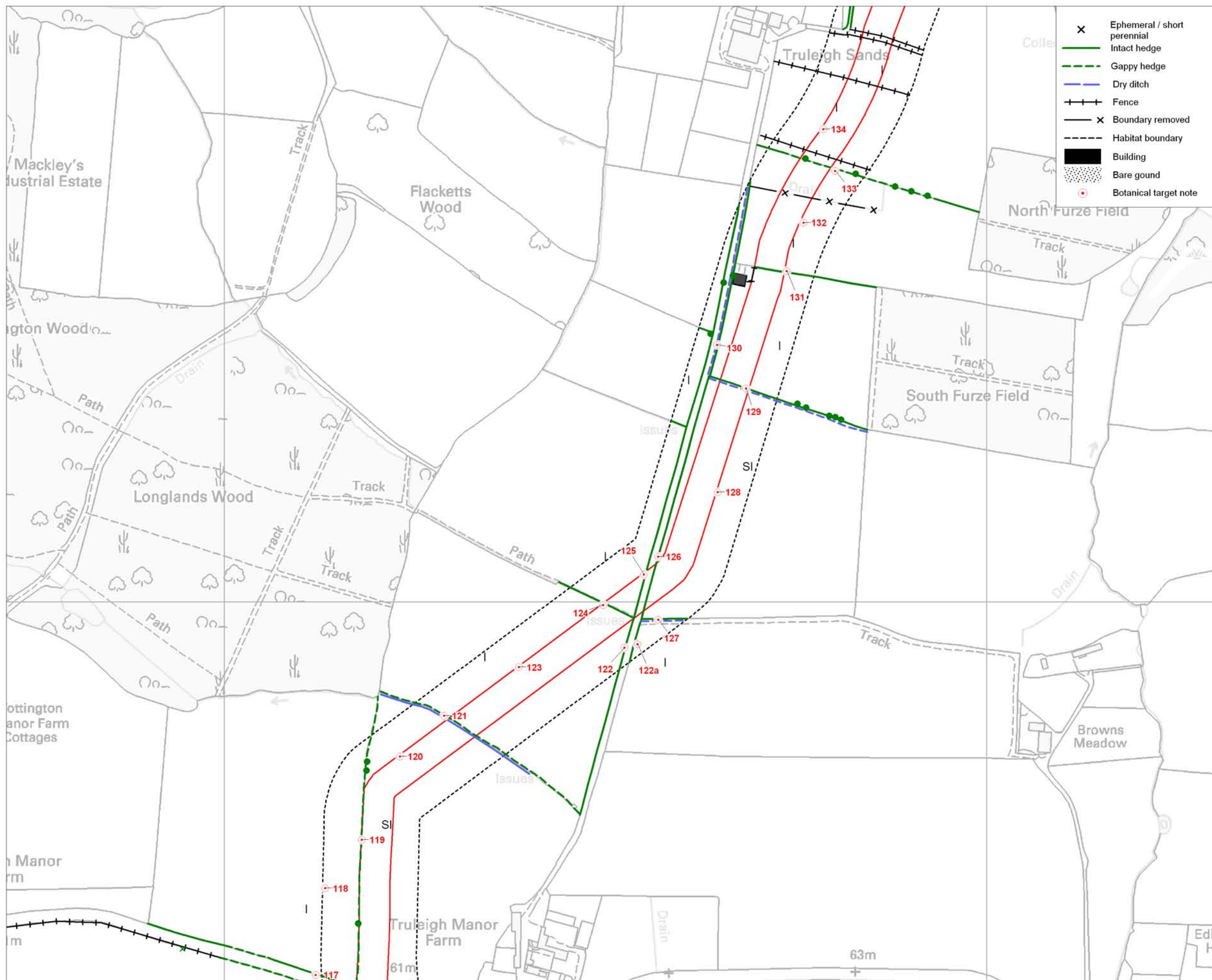
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Figure 2 - Botanical Phase 1 Survey Map 9 of 17

0 50 100 metres

Scale = 1:5,000 @ A3

REV 10



**Legend :**

- Ecology survey corridor (125m)
- Development Boundary
- Side Access
- Potential Mitigation Area
- HDD Section
- Temporary Construction Compound
- Substation Development Boundary
- No access
- Broad-leaved semi-natural woodland
- Broad-leaved plantation woodland
- Mixed plantation woodland
- Continuous / scattered scrub
- Scattered broad-leaved tree
- Scattered coniferous tree
- SI Semi-improved neutral grassland
- Unimproved neutral grassland
- SI Semi-improved calcareous grassland
- Unimproved calcareous grassland
- Marshy grassland
- SI / I Semi-improved / improved grassland
- Tall ruderal
- Continuous bracken
- Swamp
- Standing / running water
- Saltmarsh
- A Arable
- A Amenity grassland
- Introduced shrub

**Figure 2 - Botanical Phase 1 Survey Map 10 of 17**

**Scale = 1:5,000 @ A3**

**REV 10**

**RSK e-on**

**Rampion Wind Farm**

**00 21.11.12 P1 RG NH VG**

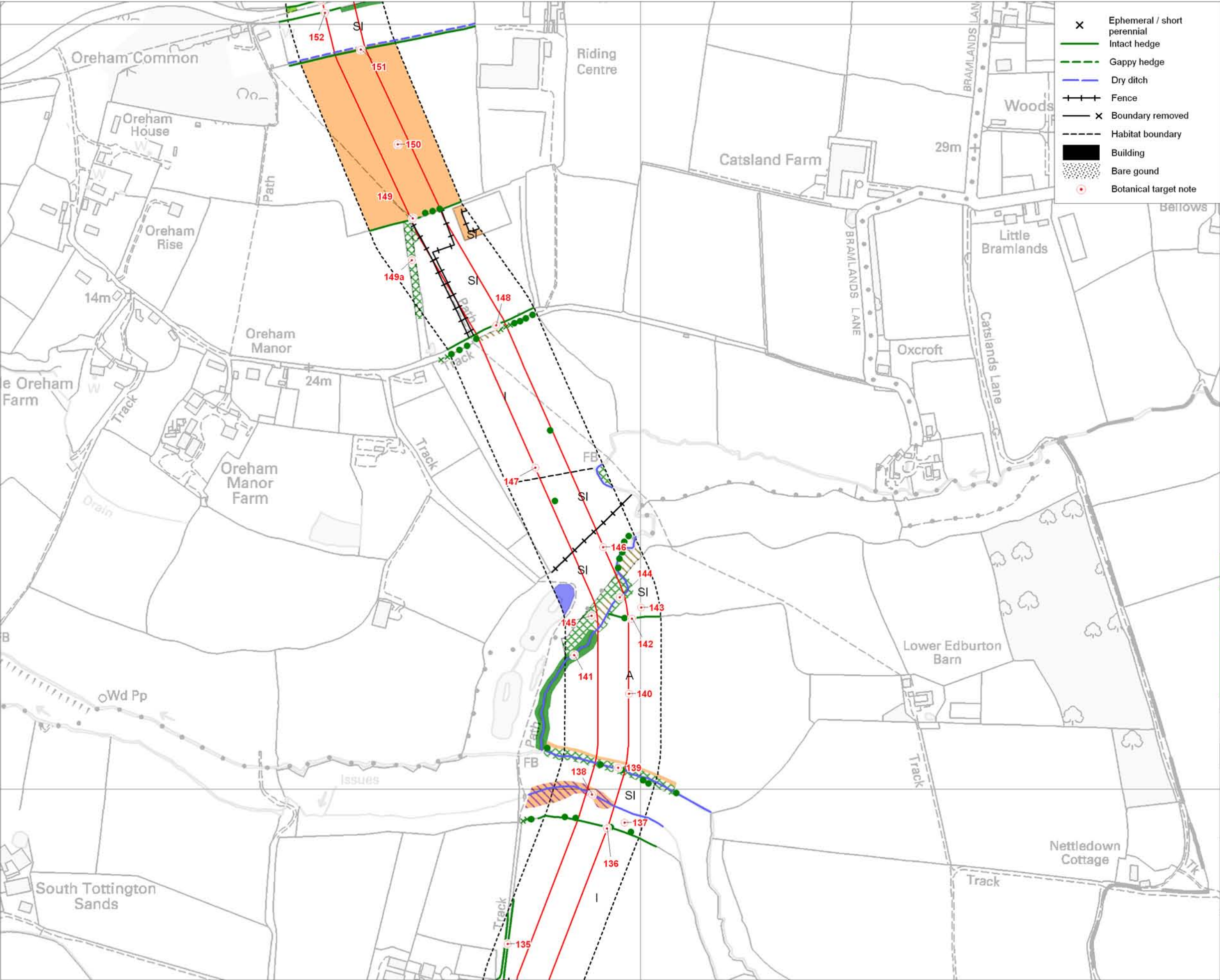
**Rev Date Description Drn Chk App**

**Worthing Brighton**

**0 50 100 metres**

**Scale = 1:5,000 @ A3**

**REV 10**



**Legend:**

- Ecology survey corridor (125m)
- Development Boundary
- Side Access
- Potential Mitigation Area
- HDD Section
- Temporary Construction Compound
- Substation Development Boundary
- No access
- Broad-leaved semi-natural woodland
- Broad-leaved plantation woodland
- Mixed plantation woodland
- Continuous / scattered scrub
- Scattered broad-leaved tree
- Scattered coniferous tree
- SI Semi-improved neutral grassland
- Unimproved neutral grassland
- SI Semi-improved calcareous grassland
- Unimproved calcareous grassland
- Marshy grassland
- SI / I Semi-improved / improved grassland
- Tall ruderal
- Continuous bracken
- Swamp
- Standing / running water
- Saltmarsh
- A Arable
- A Amenity grassland
- Introduced shrub

**Legend:**

- Ephemeral / short perennial
- Intact hedge
- Gappy hedge
- Dry ditch
- Fence
- Boundary removed
- Habitat boundary
- Building
- Bare ground
- Botanical target note

|     |          |             |     |     |     |
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| 00  | 21.11.12 | P1          | RG  | NH  | VG  |
| Rev | Date     | Description | Drn | Chk | App |

**Rampion Wind Farm**

**RSK e-on**

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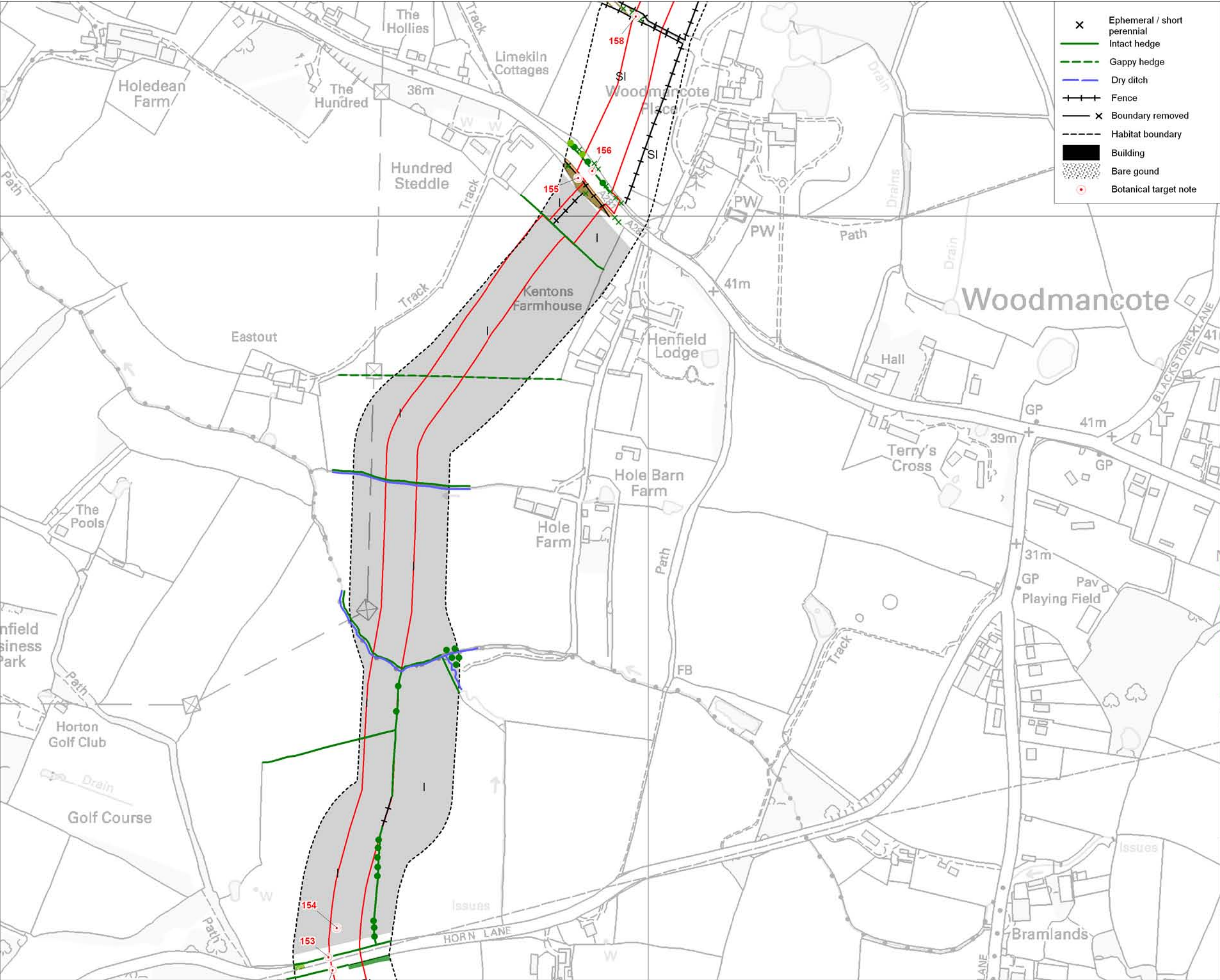
Figure 2 - Botanical Phase 1 Survey  
Map 11 of 17

0 50 100  
metres

Scale = 1:5,000 @ A3

N  
W  
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REV 10



- Legend:**
- Ecology survey corridor (125m)
  - Development Boundary
  - Side Access
  - Potential Mitigation Area
  - HDD Section
  - Temporary Construction Compound
  - Substation Development Boundary
  - No access
  - Broad-leaved semi-natural woodland
  - Broad-leaved plantation woodland
  - Mixed plantation woodland
  - Continuous / scattered scrub
  - Scattered broad-leaved tree
  - Scattered coniferous tree
  - Semi-improved neutral grassland
  - Unimproved neutral grassland
  - Semi-improved calcareous grassland
  - Unimproved calcareous grassland
  - Marshy grassland
  - Semi-improved / improved grassland
  - Tall ruderal
  - Continuous bracken
  - Swamp
  - Standing / running water
  - Saltmarsh
  - Arable
  - Amenity grassland
  - Introduced shrub

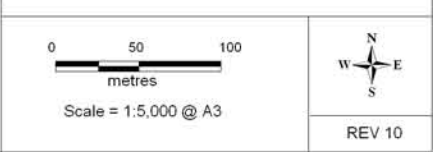


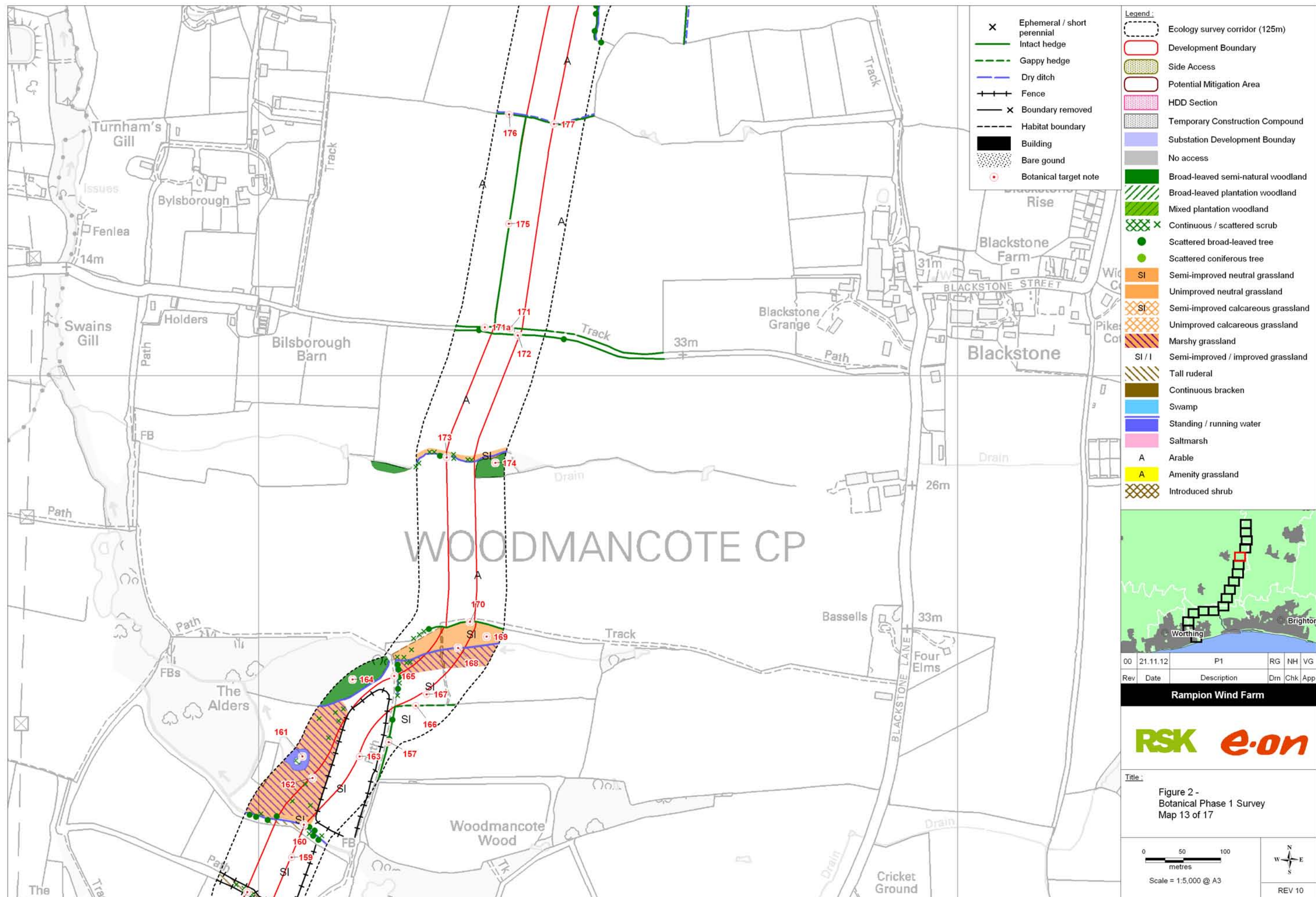
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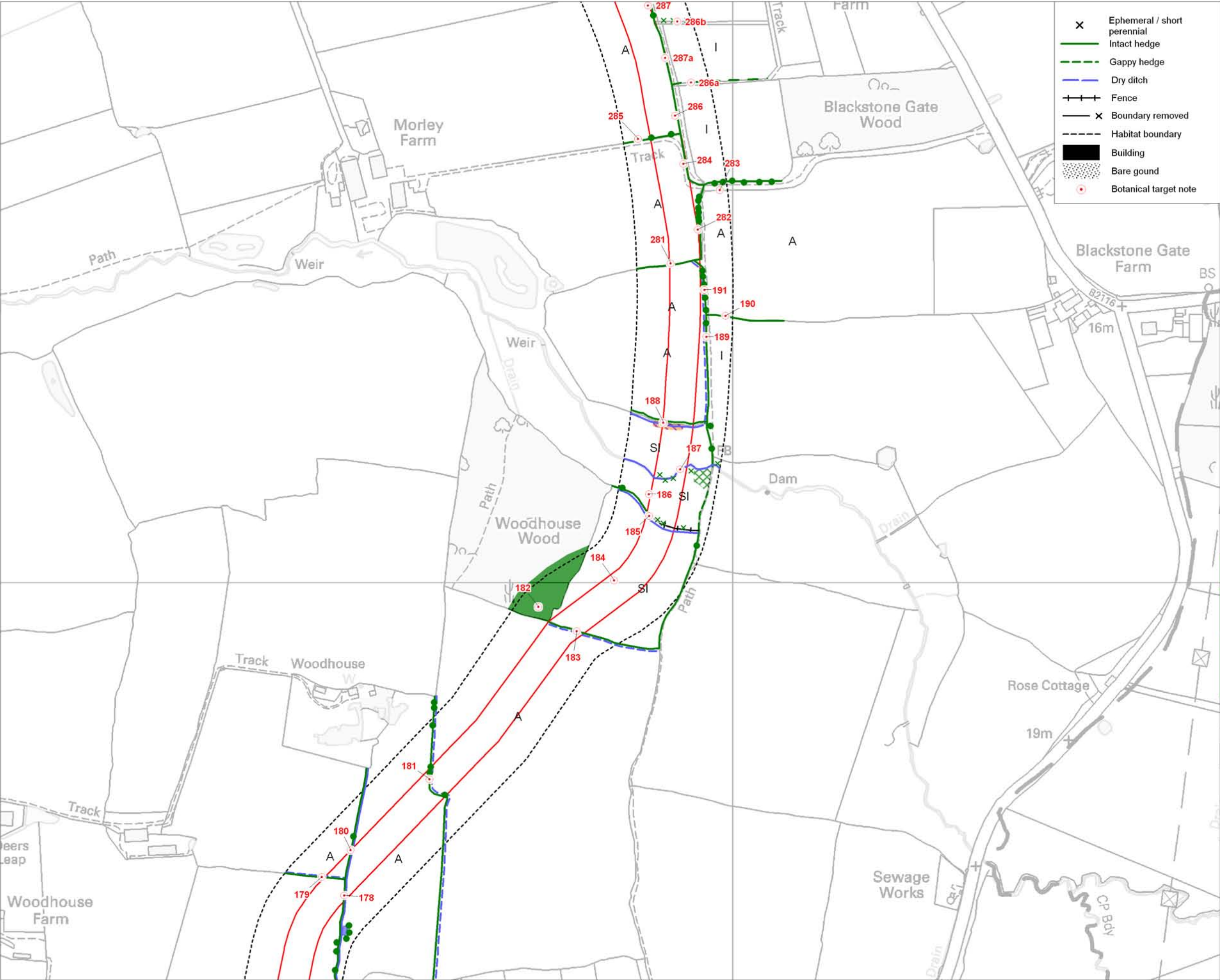
Rampion Wind Farm



**Title:**  
Figure 2 - Botanical Phase 1 Survey  
Map 12 of 17







- Legend:
- × Ephemeral / short perennial
  - Intact hedge
  - - - Gappy hedge
  - - - Dry ditch
  - + + + Fence
  - × Boundary removed
  - - - Habitat boundary
  - Building
  - Bare ground
  - Botanical target note

- Legend:
- Ecology survey corridor (125m)
  - Development Boundary
  - Side Access
  - Potential Mitigation Area
  - HDD Section
  - Temporary Construction Compound
  - Substation Development Boundary
  - No access
  - Broad-leaved semi-natural woodland
  - Broad-leaved plantation woodland
  - Mixed plantation woodland
  - × Continuous / scattered scrub
  - Scattered broad-leaved tree
  - Scattered coniferous tree
  - SI Semi-improved neutral grassland
  - Unimproved neutral grassland
  - SI Semi-improved calcareous grassland
  - Unimproved calcareous grassland
  - Marshy grassland
  - SI / I Semi-improved / improved grassland
  - Tall ruderal
  - Continuous bracken
  - Swamp
  - Standing / running water
  - Saltmarsh
  - A Arable
  - A Amenity grassland
  - Introduced shrub

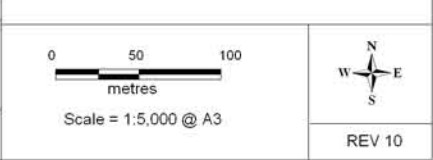


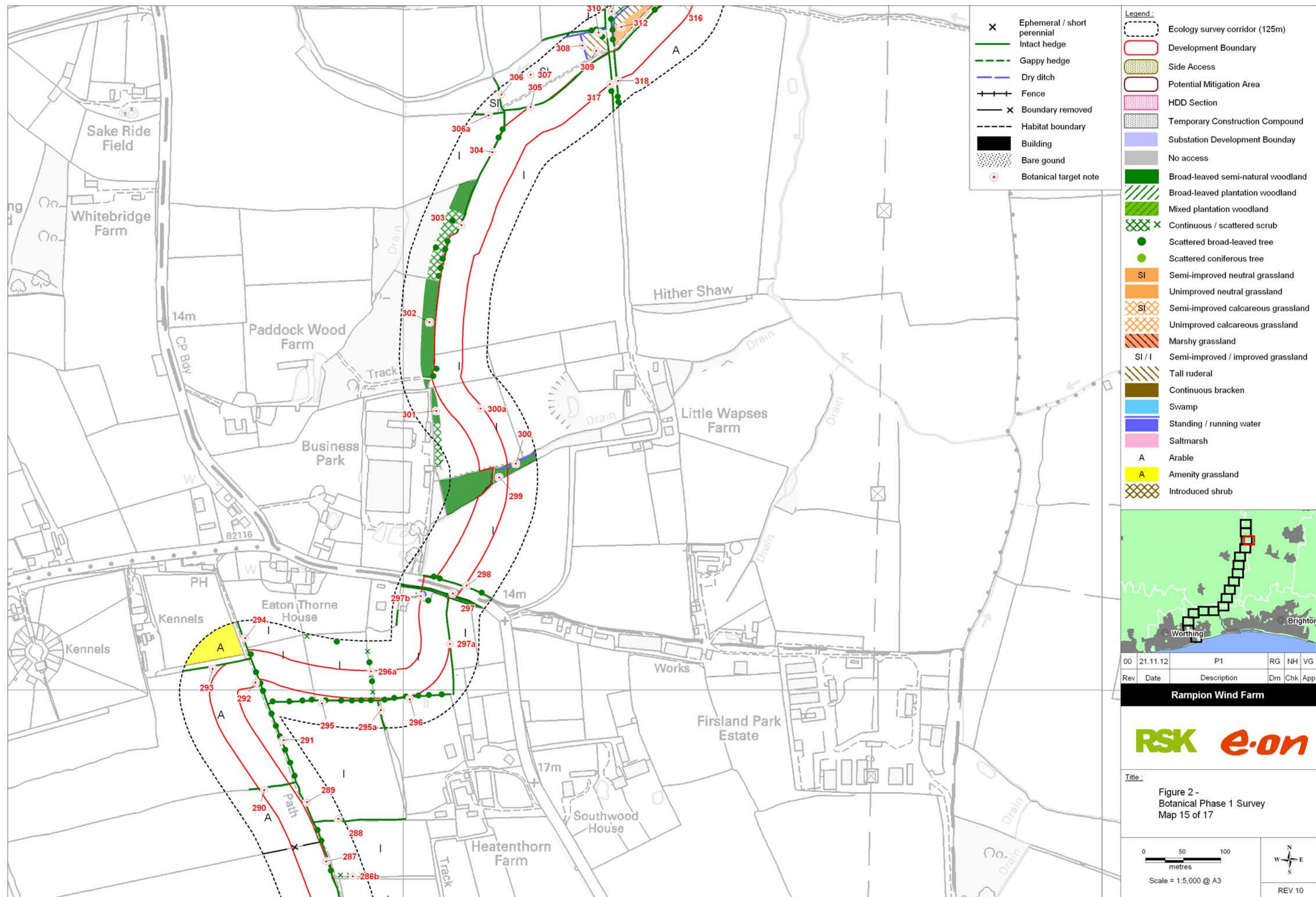
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| 00  | 21.11.12 | P1          | RG | NH  | VG  |
| Rev | Date     | Description | Dn | Chk | App |

Rampion Wind Farm



Figure 2 - Botanical Phase 1 Survey Map 14 of 17







- × Ephemeral / short perennial
- Intact hedge
- - - Gappy hedge
- - - Dry ditch
- + + + Fence
- - - × Boundary removed
- - - Habitat boundary
- Building
- Bare ground
- Botanical target note

- Legend :**
- Ecology survey corridor (125m)
  - Development Boundary
  - Side Access
  - Potential Mitigation Area
  - HDD Section
  - Temporary Construction Compound
  - Substation Development Boundary
  - No access
  - Broad-leaved semi-natural woodland
  - Broad-leaved plantation woodland
  - Mixed plantation woodland
  - Continuous / scattered scrub
  - Scattered broad-leaved tree
  - Scattered coniferous tree
  - SI Semi-improved neutral grassland
  - Unimproved neutral grassland
  - SI Semi-improved calcareous grassland
  - Unimproved calcareous grassland
  - Marshy grassland
  - SI / I Semi-improved / improved grassland
  - Tall ruderal
  - Continuous bracken
  - Swamp
  - Standing / running water
  - Saltmarsh
  - A Arable
  - A Amenity grassland
  - Introduced shrub

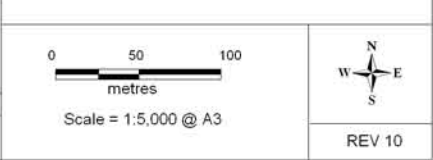


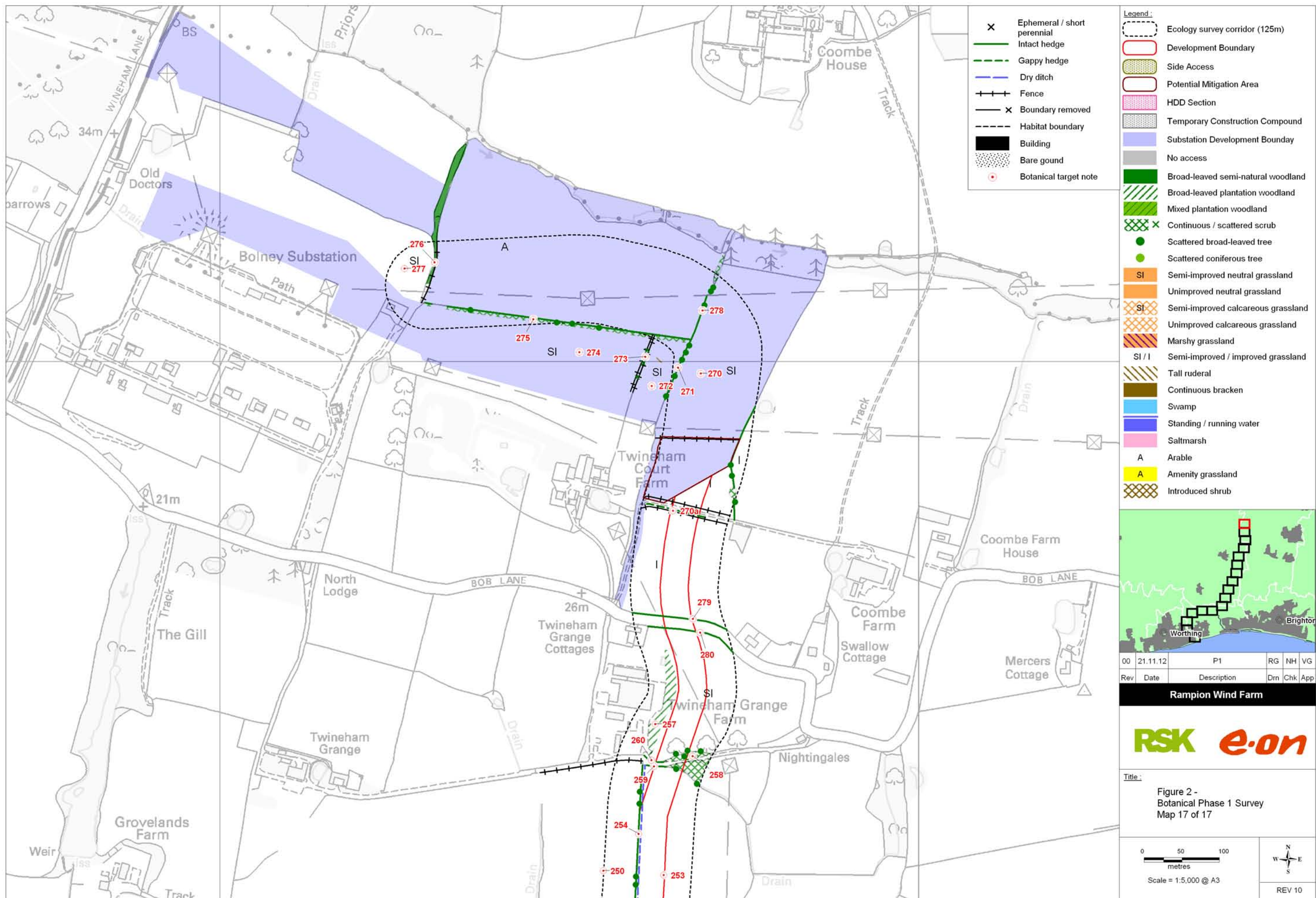
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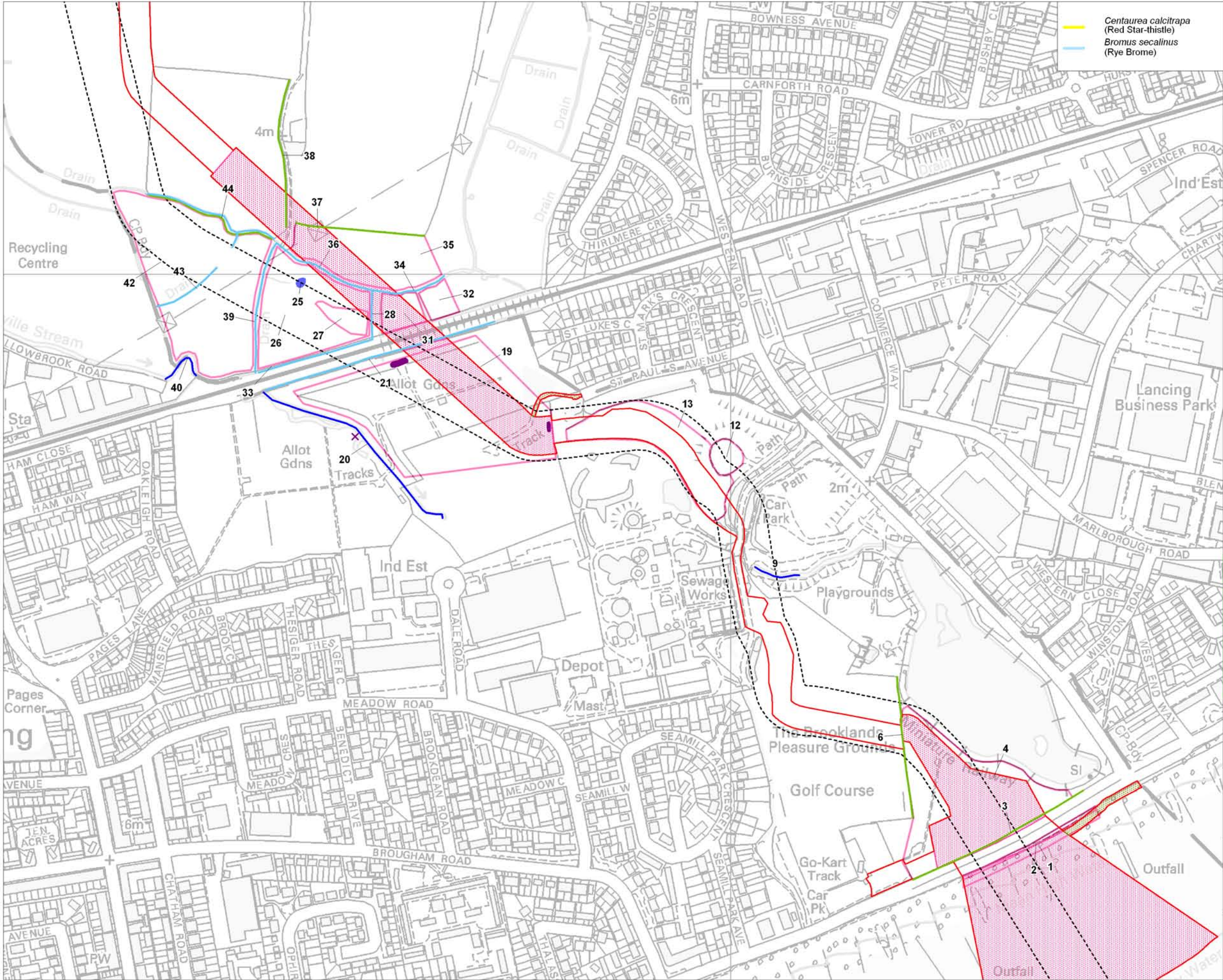
Rampion Wind Farm



Figure 2 - Botanical Phase 1 Survey Map 16 of 17







**Legend:**

- Ecology survey corridor (65m)
- Development Boundary
- Side Access
- Potential Mitigation Area
- HDD Section
- Temporary Construction Compound
- Substation Development Boundary
- No access
- NVC / species list
- River / stream
- Ditch
- Pond
- Important hedge
- Not important hedge
- Woodland
- A Arable weed survey

**Noteworthy or invasive plant species:**

- Individual plants
- Continuous stand
- Widely scattered

**Invasive species**

- Fallopia japonica* (Japanese Knotweed)
- Heracleum mantegazzianum* (Giant Hogweed)

**Notable species**

- Phyteuma orbiculare* (Round-headed Rampion)
- Thesium humifusum* (Bastard-toadflax)

**Map Details:**

00 21.11.12 P2 RG NH VG  
Rev Date Description Drn Chk App

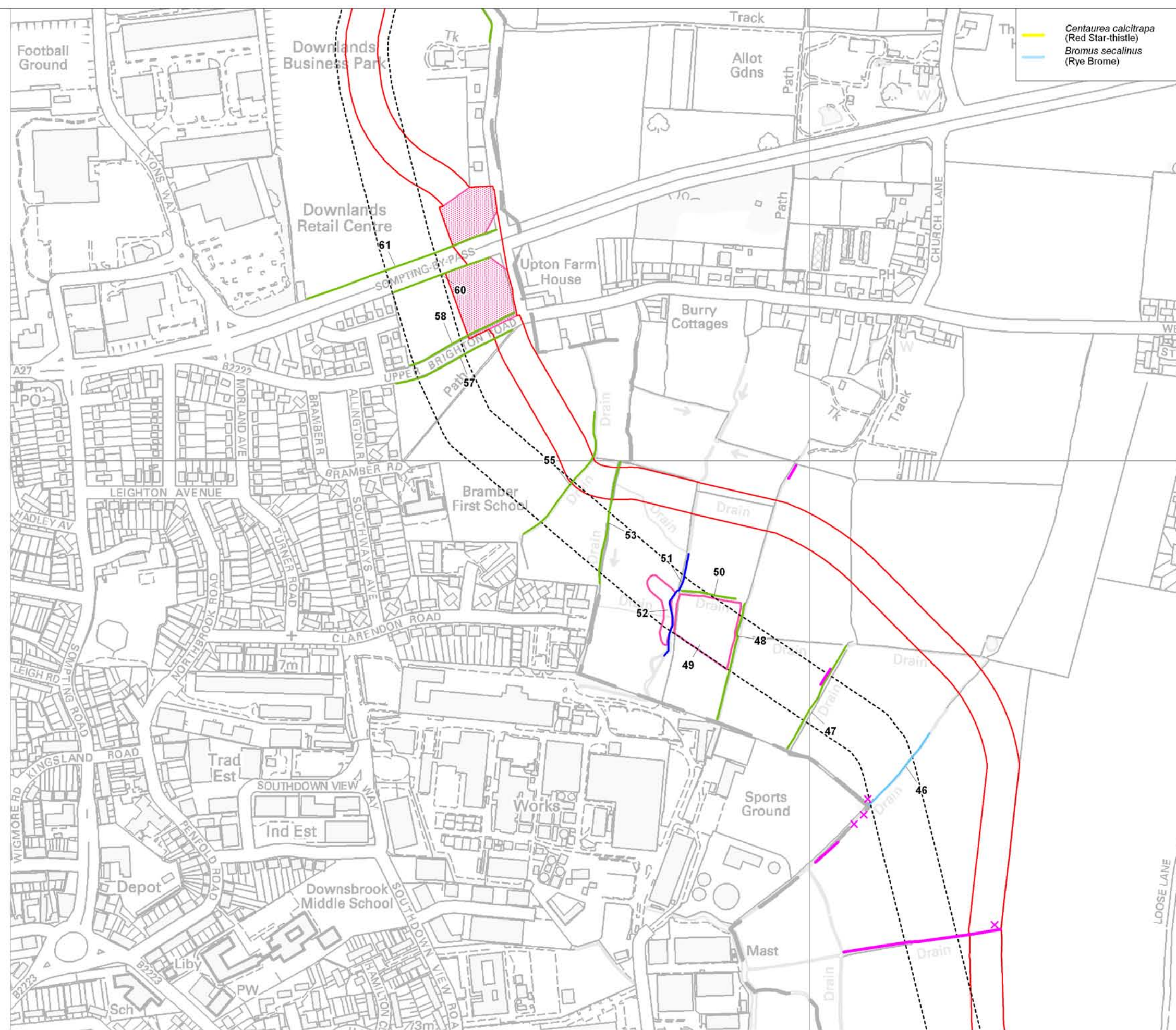
**Rampion Wind Farm**

**RSK e-on**

**Title:**  
Figure 3 - Detailed Botanical Survey Areas  
Map 1 of 17

0 50 100 metres  
Scale = 1:5,000 @ A3

REV 10



*Centaurea calcitropa*  
(Red Star-thistle)  
 *Bromus secalinus*  
(Rye Brome)

- Legend:**
- Ecology survey corridor (65m)
  - Development Boundary
  - Side Access
  - Potential Mitigation Area
  - HDD Section
  - Temporary Construction Compound
  - Substation Development Boundary
  - No access
  - NVC / species list
  - River / stream
  - Ditch
  - Pond
  - Important hedge
  - Not important hedge
  - Woodland
  - Arable weed survey
- Noteworthy or invasive plant species:**
- Individual plants
  - Continuous stand
  - Widely scattered
- Invasive species**
- Fallopia japonica*  
(Japanese Knotweed)
  - Heracleum mantegazzianum*  
(Giant Hogweed)
- Notable species**
- Phyteuma orbiculare*  
(Round-headed Rampion)
  - Thesium humifusum* (Bastard-toadflax)

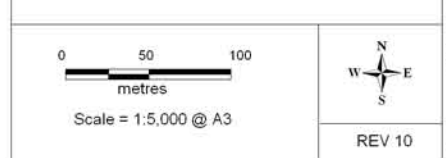


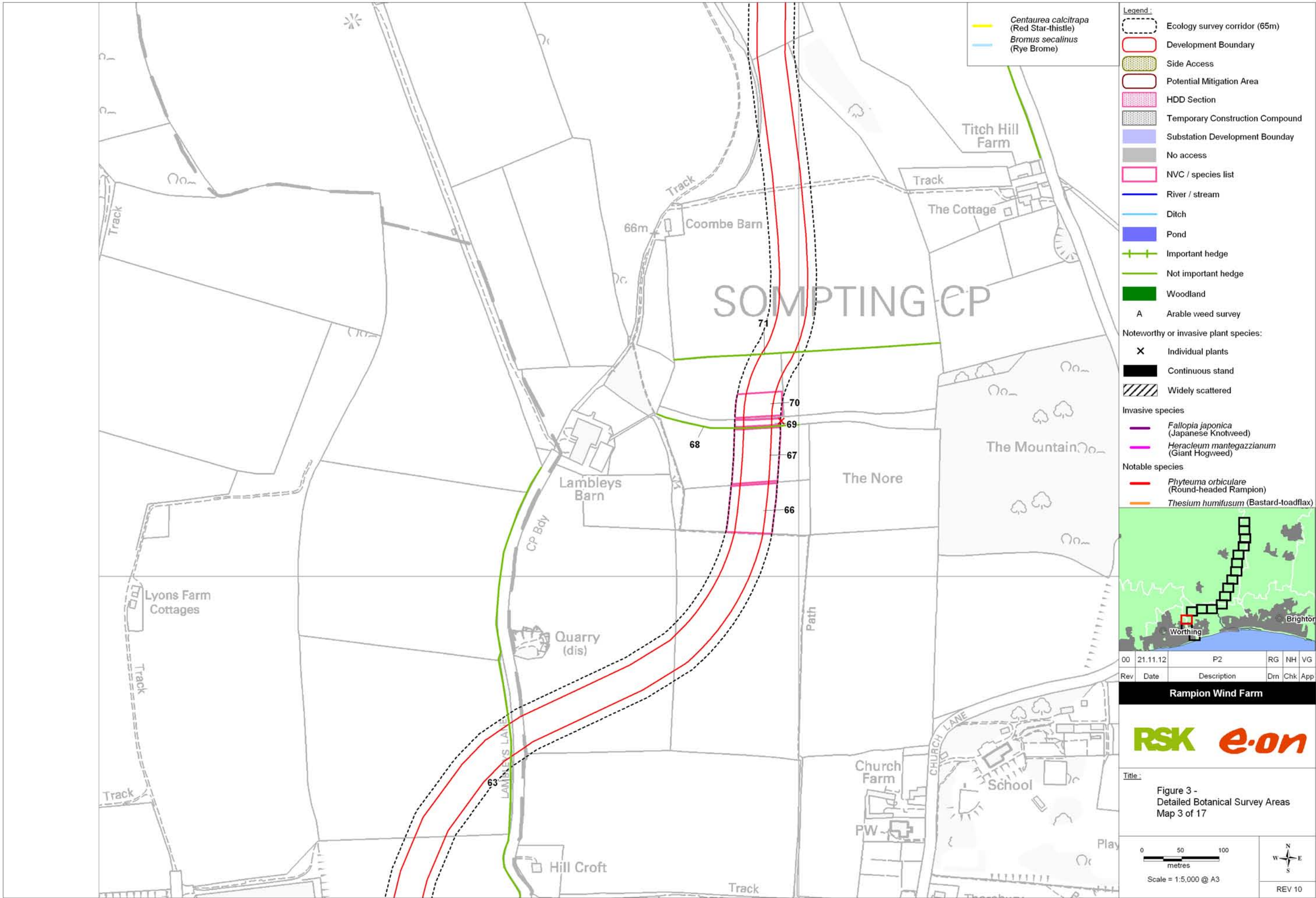
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| Rev | Date     | Description | Dn | Chk | App |

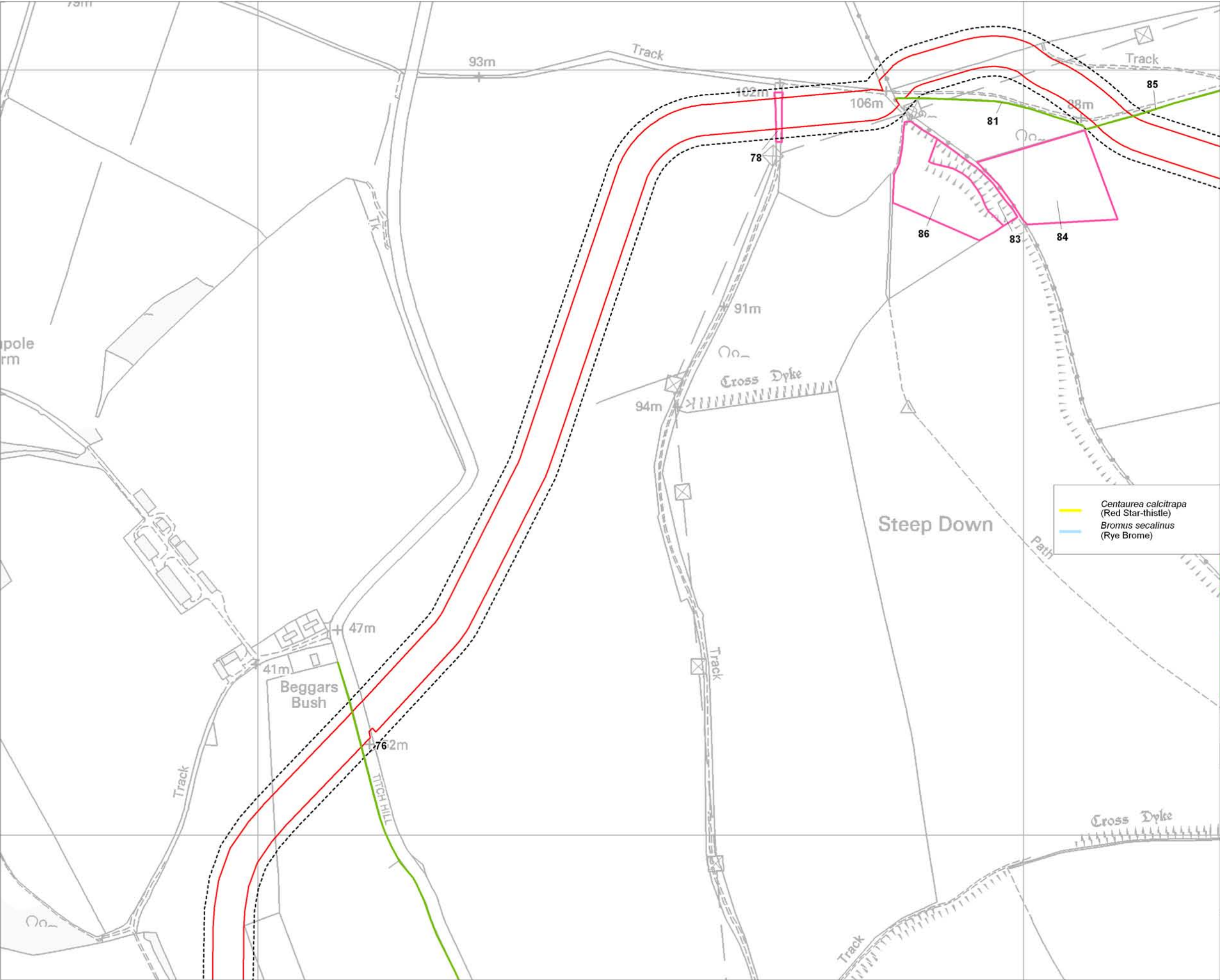
**Rampion Wind Farm**



**Title:**  
Figure 3 - Detailed Botanical Survey Areas  
Map 2 of 17







**Legend :**

- Ecology survey corridor (65m)
- Development Boundary
- Side Access
- Potential Mitigation Area
- HDD Section
- Temporary Construction Compound
- Substation Development Boundary
- No access
- NVC / species list
- River / stream
- Ditch
- Pond
- Important hedge
- Not important hedge
- Woodland
- A Arable weed survey

**Noteworthy or invasive plant species:**

- Individual plants
- Continuous stand
- Widely scattered

**Invasive species**

- Fallopia japonica* (Japanese Knotweed)
- Heracleum mantegazzianum* (Giant Hogweed)

**Notable species**

- Phyteuma orbiculare* (Round-headed Rampion)
- Thesium humifusum* (Bastard-toadflax)

*Centaurea calcitrapa* (Red Star-thistle)

*Bromus secalinus* (Rye Brome)

Worthing Brighton

|     |          |             |     |     |     |
|-----|----------|-------------|-----|-----|-----|
| 00  | 21.11.12 | P2          | RG  | NH  | VG  |
| Rev | Date     | Description | Drn | Chk | App |

**Rampion Wind Farm**

**RSK e-on**

**Title :**

Figure 3 - Detailed Botanical Survey Areas  
Map 4 of 17

0 50 100  
metres

Scale = 1:5,000 @ A3

N  
W E  
S

REV 10



- Legend :**
- Ecology survey corridor (65m)
  - Development Boundary
  - Side Access
  - Potential Mitigation Area
  - HDD Section
  - Temporary Construction Compound
  - Substation Development Boundary
  - No access
  - NVC / species list
  - River / stream
  - Ditch
  - Pond
  - Important hedge
  - Not important hedge
  - Woodland
  - A Arable weed survey
- Noteworthy or invasive plant species:**
- Individual plants
  - Continuous stand
  - Widely scattered
- Invasive species**
- Fallopia japonica (Japanese Knotweed)
  - Heracleum mantegazzianum (Giant Hogweed)
- Notable species**
- Phyteuma orbiculare (Round-headed Rampion)
  - Thesium humifusum (Bastard-toadflax)

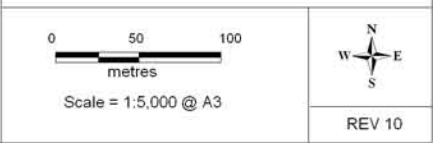


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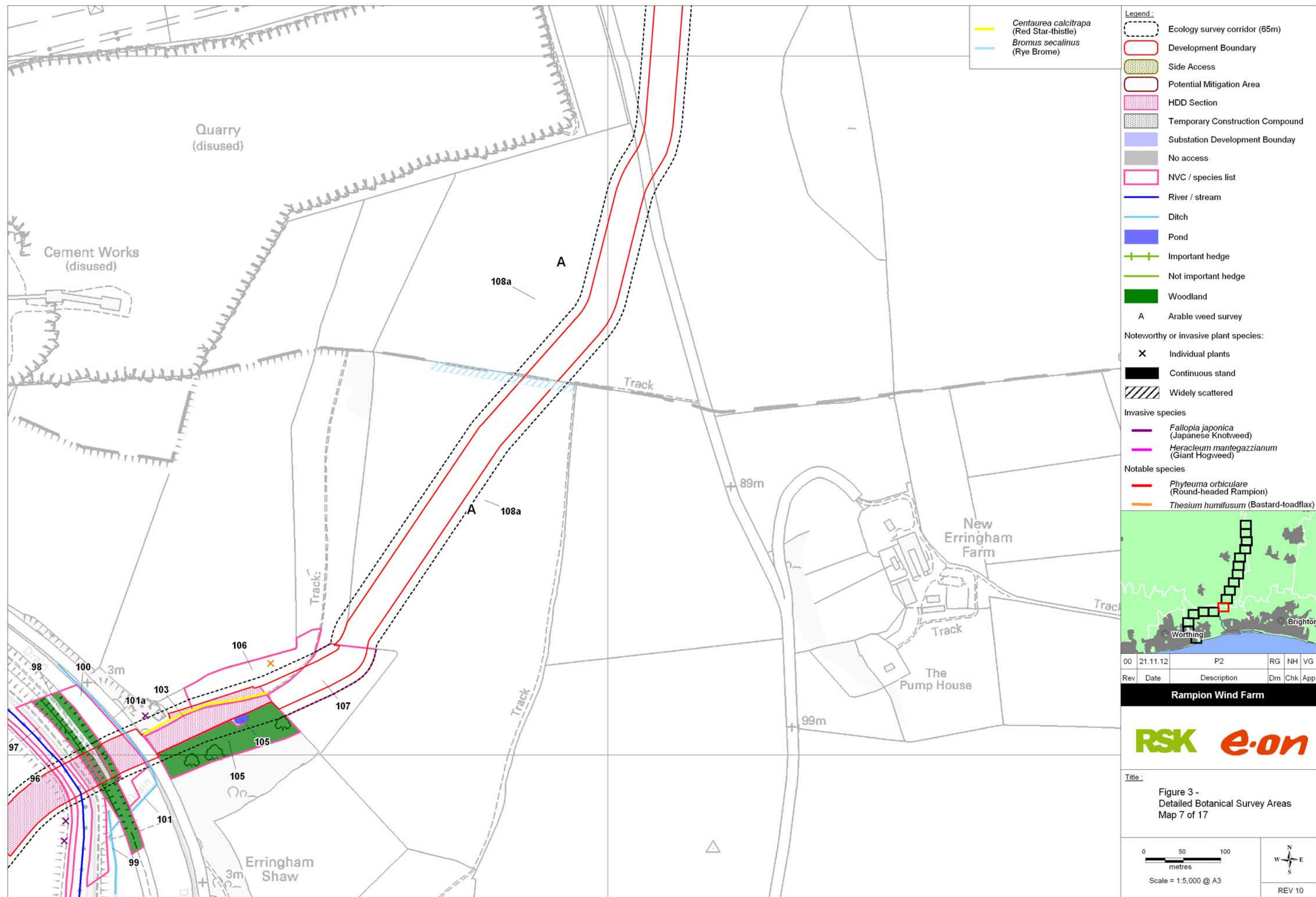
Rampion Wind Farm

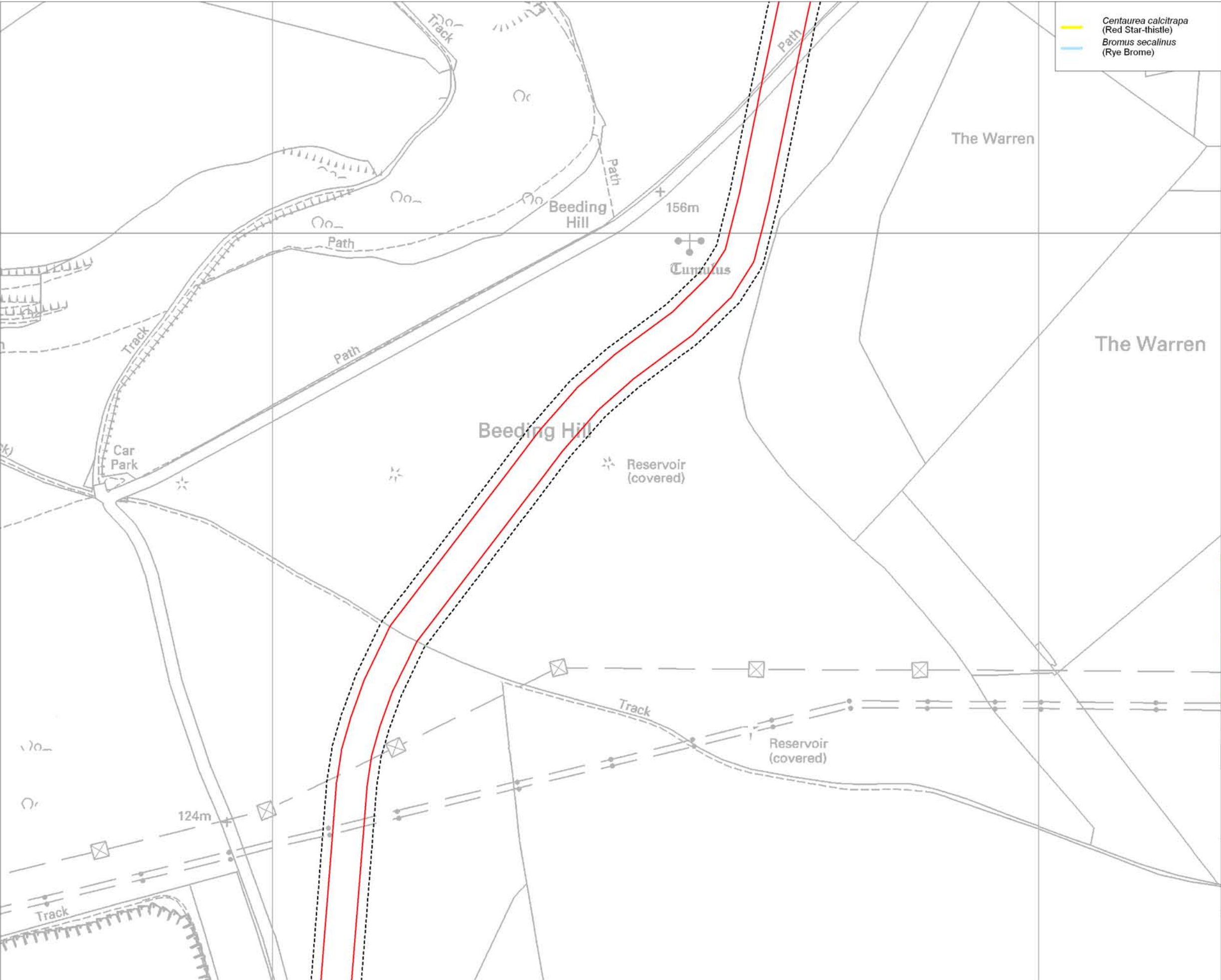


**Title :**  
Figure 3 -  
Detailed Botanical Survey Areas  
Map 5 of 17









*Centaurea calcitrapa*  
(Red Star-thistle)

*Bromus secalinus*  
(Rye Brome)

Legend :

Ecology survey corridor (65m)

Development Boundary

Side Access

Potential Mitigation Area

HDD Section

Temporary Construction Compound

Substation Development Boundary

No access

NVC / species list

River / stream

Ditch

Pond

Important hedge

Not important hedge

Woodland

A

Arable weed survey

Noteworthy or invasive plant species:

X

Individual plants

Continuous stand

Widely scattered

Invasive species

*Fallopia japonica*  
(Japanese Knotweed)

*Heracleum mantegazzianum*  
(Giant Hogweed)

Notable species

*Phyteuma orbiculare*  
(Round-headed Rampion)

*Thesium humifusum* (Bastard-toadflax)

|     |          |             |     |     |     |
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Rampion Wind Farm

Title :  
Figure 3 -  
Detailed Botanical Survey Areas  
Map 8 of 17

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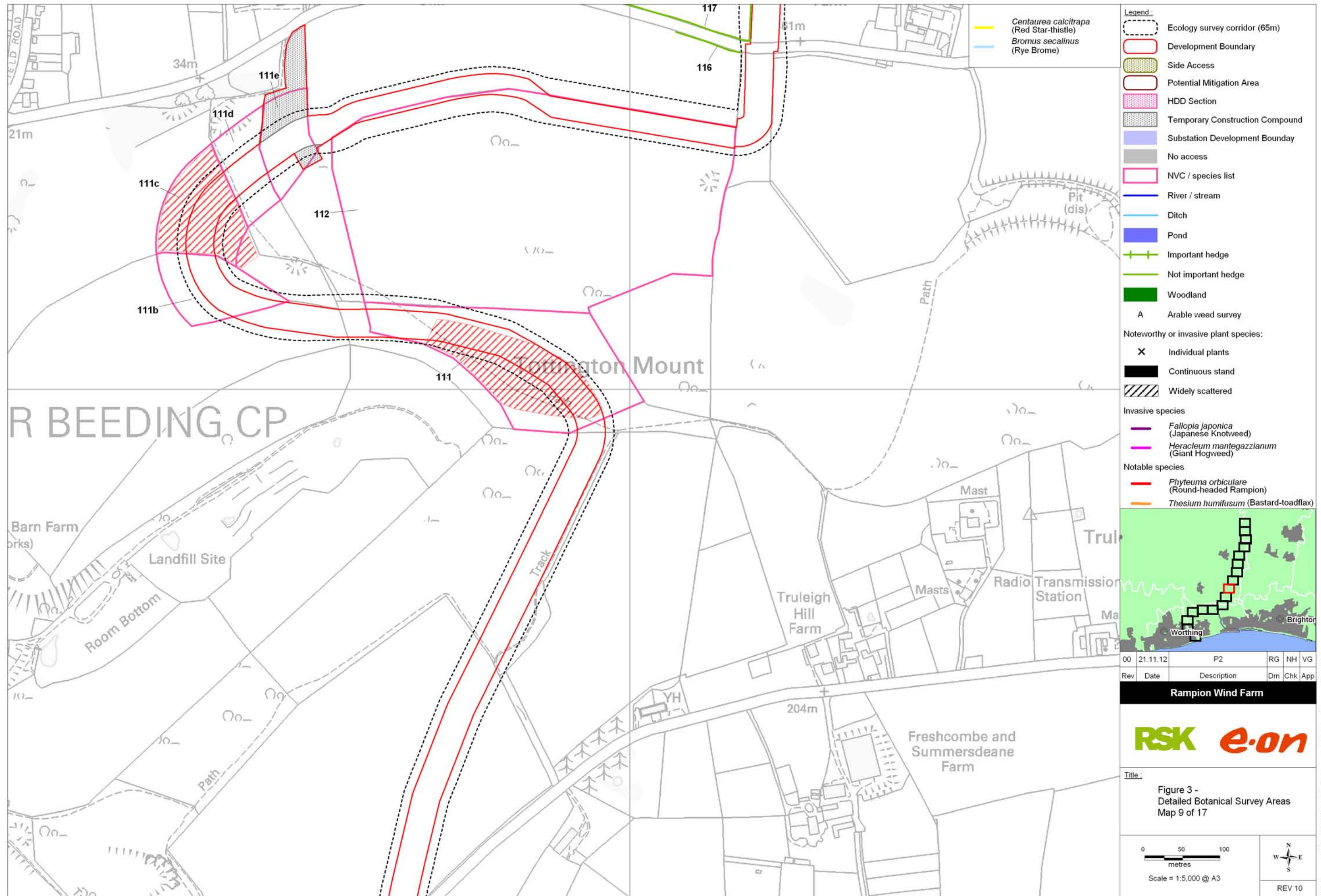
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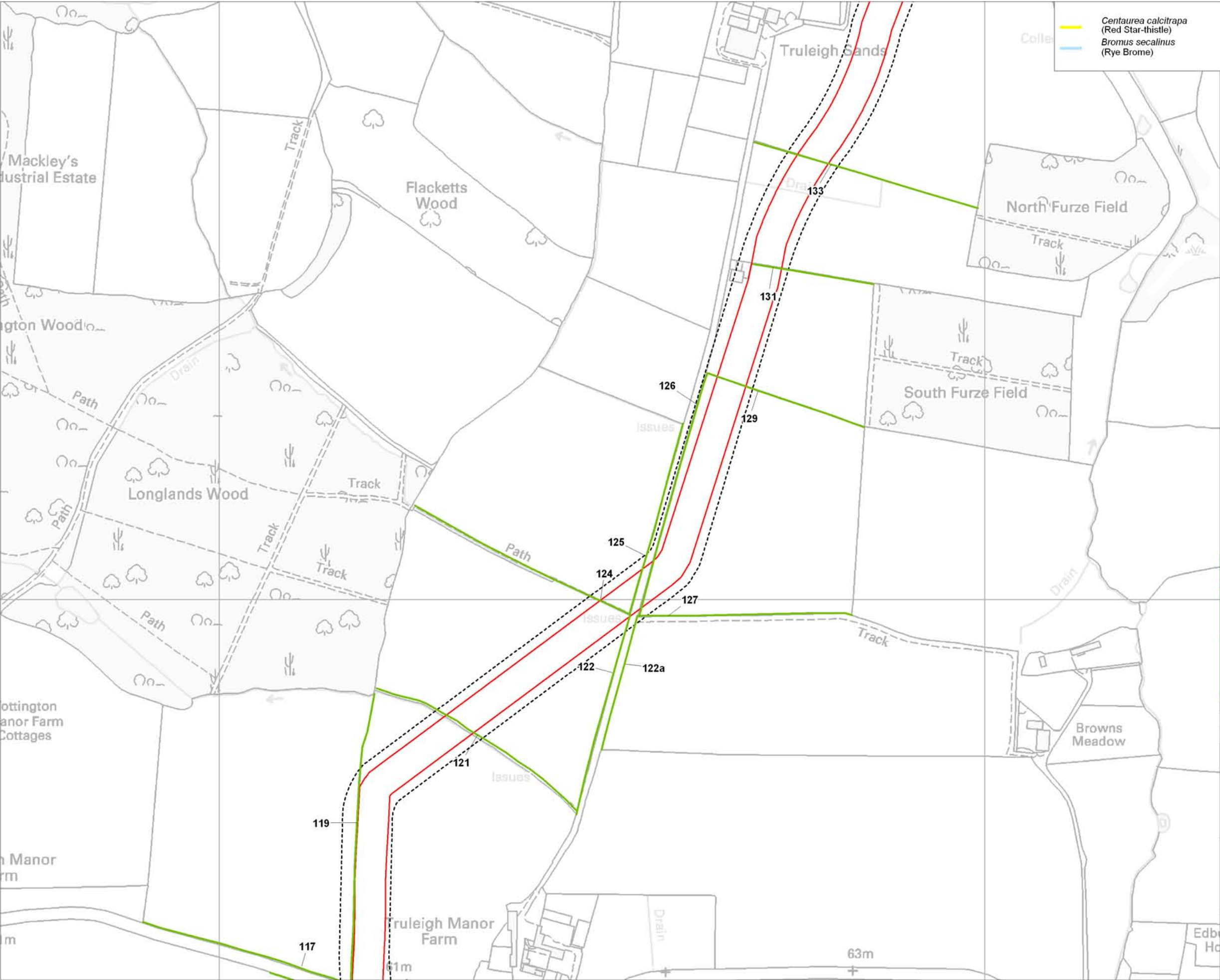
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*Centaurea calcitrapa*  
(Red Star-thistle)  
*Bromus secalinus*  
(Rye Brome)

- Legend :**
- Ecology survey corridor (65m)
  - Development Boundary
  - Side Access
  - Potential Mitigation Area
  - HDD Section
  - Temporary Construction Compound
  - Substation Development Boundary
  - No access
  - NVC / species list
  - River / stream
  - Ditch
  - Pond
  - Important hedge
  - Not important hedge
  - Woodland
  - A Arable weed survey
- Noteworthy or invasive plant species:**
- Individual plants
  - Continuous stand
  - Widely scattered
- Invasive species**
- Fallopia japonica*  
(Japanese Knotweed)
  - Heracleum mantegazzianum*  
(Giant Hogweed)
- Notable species**
- Phyteuma orbiculare*  
(Round-headed Rampion)
  - Thesium humifusum* (Bastard-toadflax)

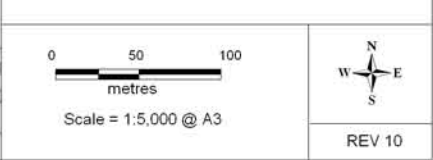


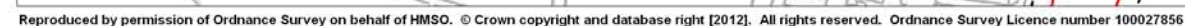
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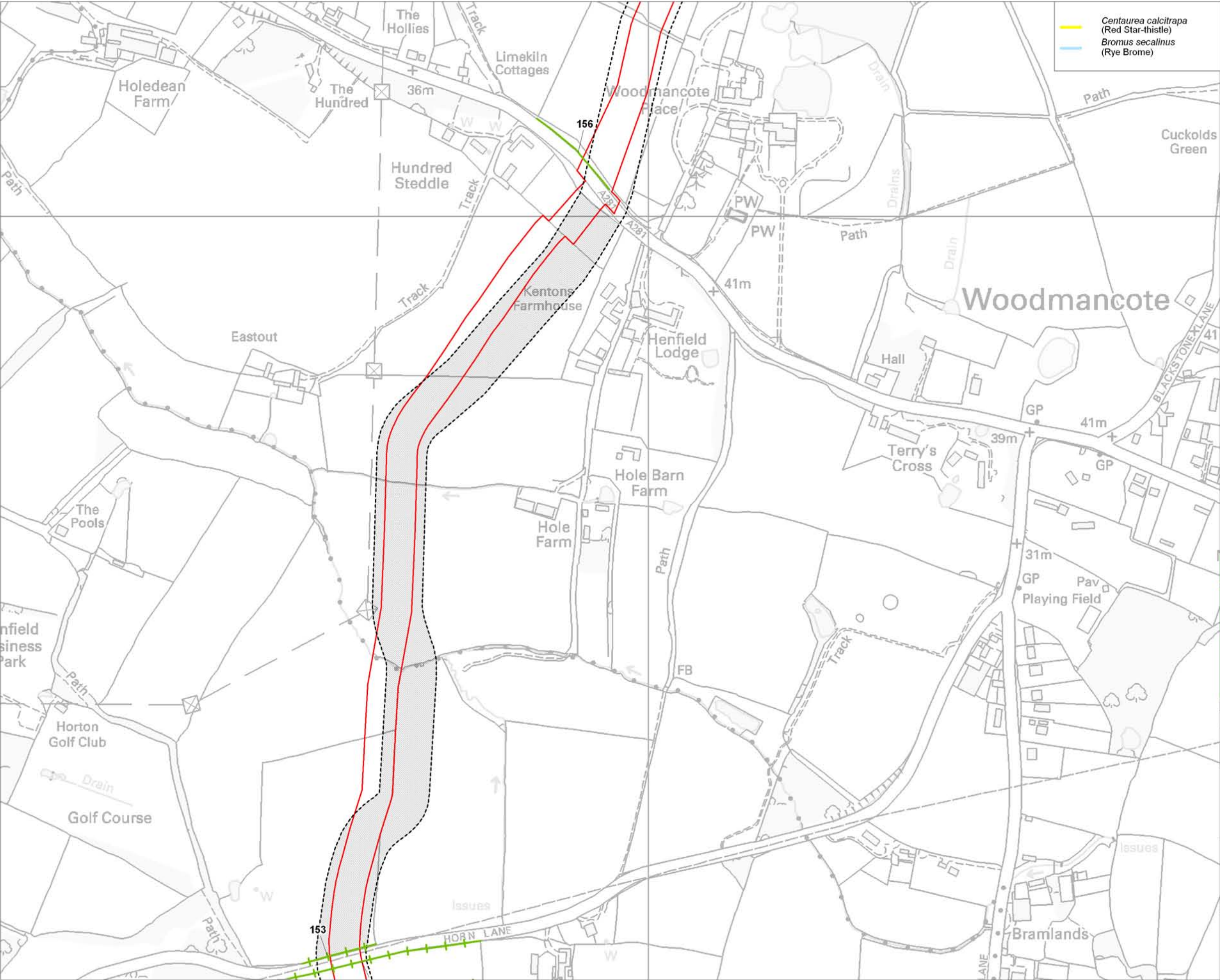
**Rampion Wind Farm**



**Title :**  
Figure 3 -  
Detailed Botanical Survey Areas  
Map 10 of 17







**Legend:**

- Ecology survey corridor (65m)
- Development Boundary
- Side Access
- Potential Mitigation Area
- HDD Section
- Temporary Construction Compound
- Substation Development Boundary
- No access
- NVC / species list
- River / stream
- Ditch
- Pond
- Important hedge
- Not important hedge
- Woodland
- A Arable weed survey

**Noteworthy or invasive plant species:**

- Individual plants
- Continuous stand
- Widely scattered

**Invasive species**

- Fallopia japonica* (Japanese Knotweed)
- Heracleum mantegazzianum* (Giant Hogweed)

**Notable species**

- Phyteuma orbiculare* (Round-headed Rampion)
- Thesium humifusum* (Bastard-toadflax)

|     |          |             |     |     |     |
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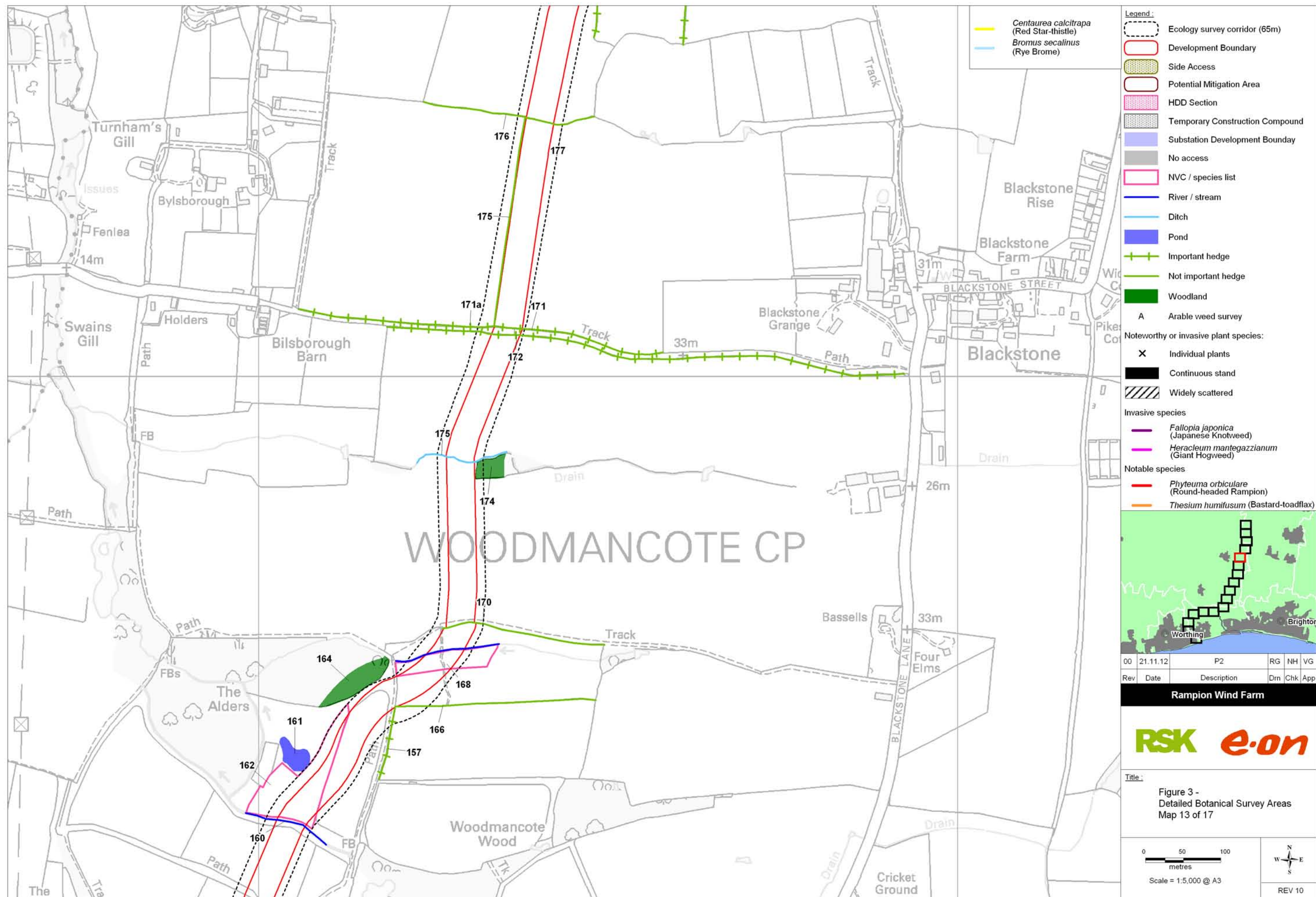
Figure 3 - Detailed Botanical Survey Areas  
Map 12 of 17

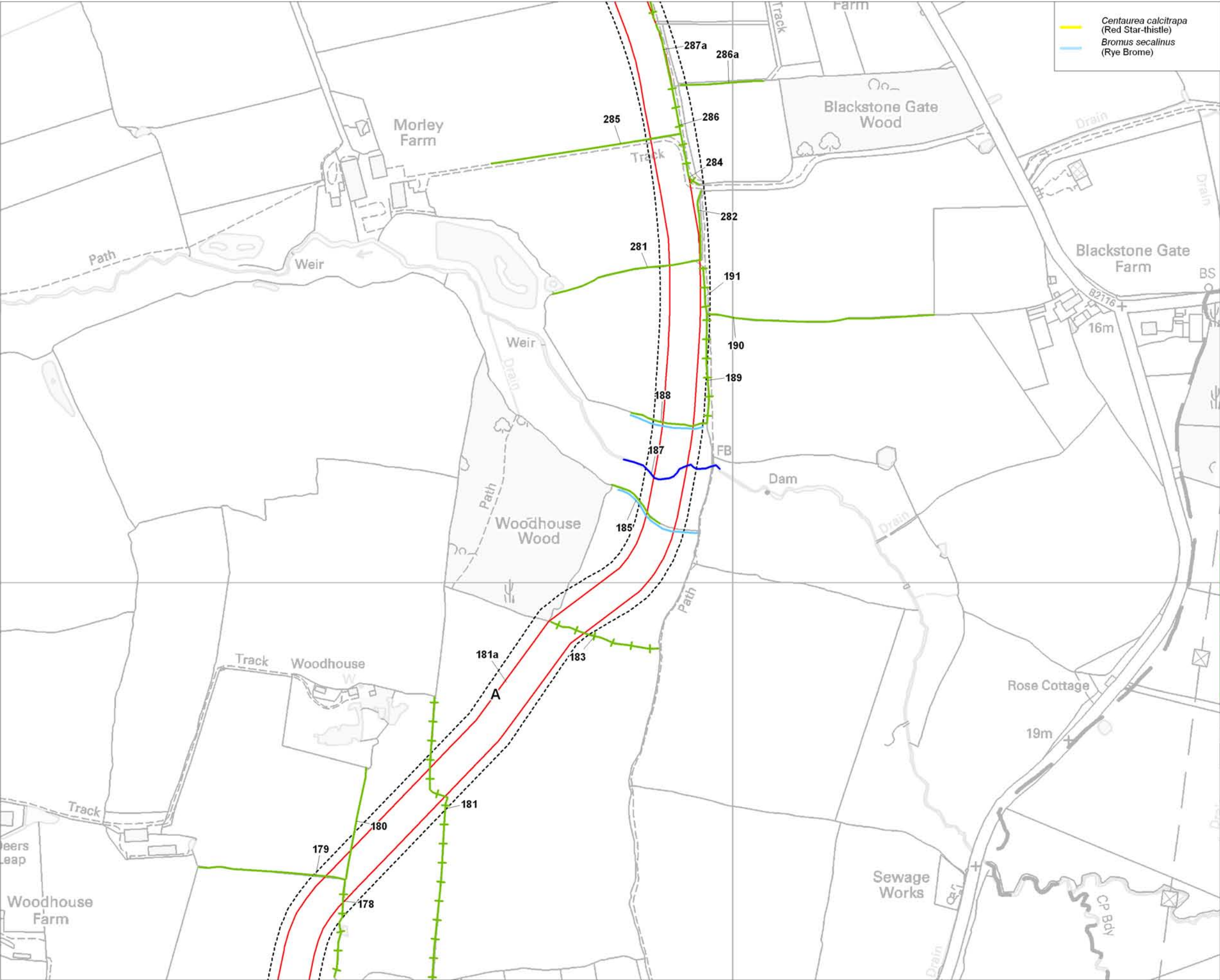
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REV 10





*Centaurea calcitrapa*  
(Red Star-thistle)  
*Bromus secalinus*  
(Rye Brome)

- Legend :**
- Ecology survey corridor (65m)
  - Development Boundary
  - Side Access
  - Potential Mitigation Area
  - HDD Section
  - Temporary Construction Compound
  - Substation Development Boundary
  - No access
  - NVC / species list
  - River / stream
  - Ditch
  - Pond
  - Important hedge
  - Not important hedge
  - Woodland
  - A Arable weed survey
- Noteworthy or invasive plant species:**
- Individual plants
  - Continuous stand
  - Widely scattered
- Invasive species**
- Fallopia japonica*  
(Japanese Knotweed)
  - Heracleum mantegazzianum*  
(Giant Hogweed)
- Notable species**
- Phyteuma orbiculare*  
(Round-headed Rampion)
  - Thesium humifusum* (Bastard-toadflax)

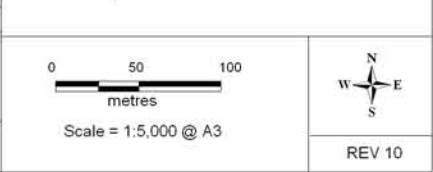


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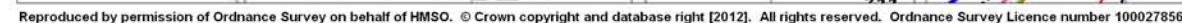
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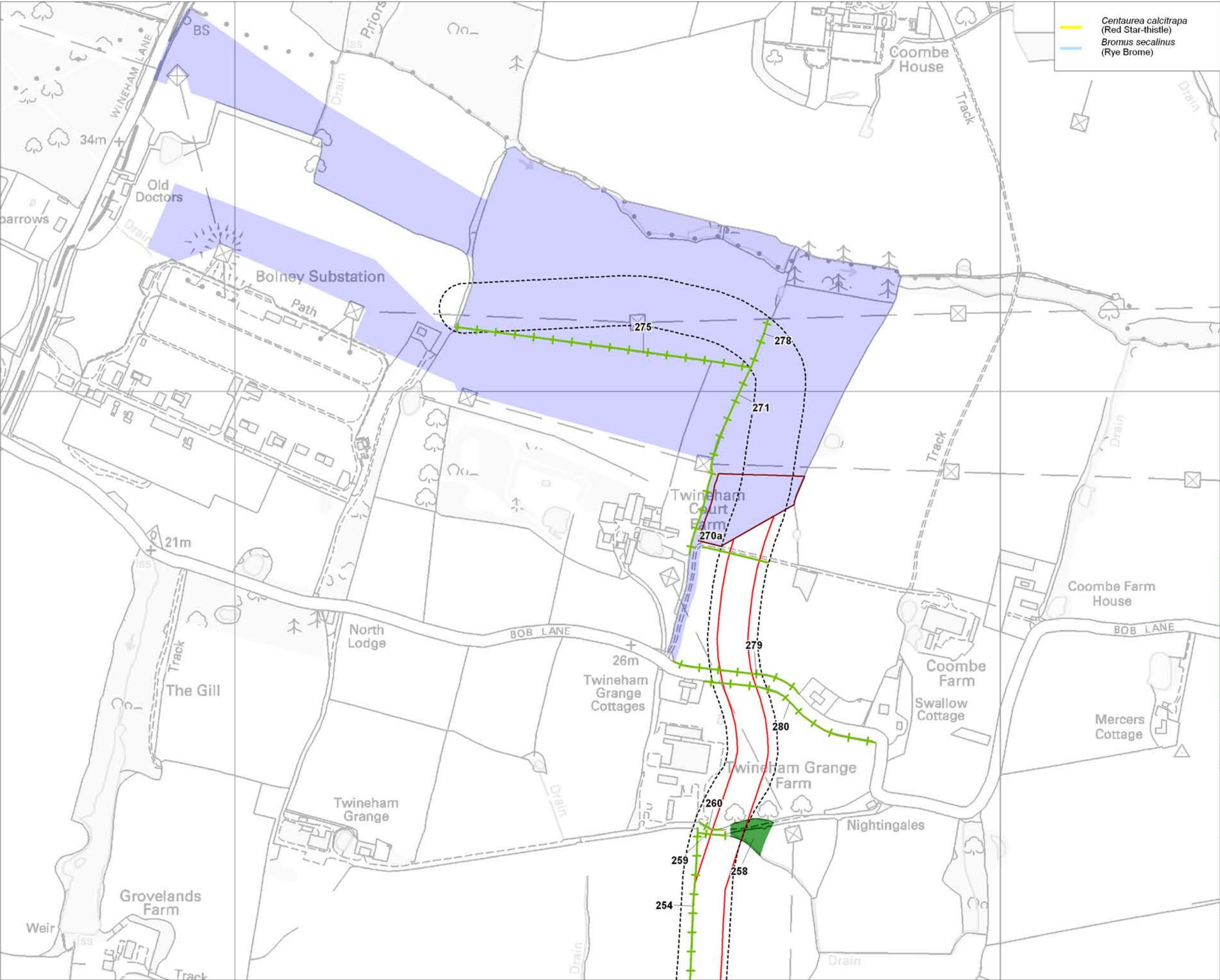


**Title :**  
Figure 3 -  
Detailed Botanical Survey Areas  
Map 14 of 17









**Legend:**

- Ecology survey corridor (65m)
- Development Boundary
- Side Access
- Potential Mitigation Area
- HDD Section
- Temporary Construction Compound
- Substation Development Boundary
- No access
- NVC / species list
- River / stream
- Ditch
- Pond
- Important hedge
- Not important hedge
- Woodland
- A Arable weed survey

**Noteworthy or invasive plant species:**

- Individual plants
- Continuous stand
- Widely scattered

**Invasive species**

- Fallopia japonica* (Japanese Knotweed)
- Heracleum mantegazzianum* (Giant Hogweed)

**Notable species**

- Phyteuma orbiculare* (Round-headed Rampion)
- Thesium humifusum* (Bastard-toadflax)

**Map 17 of 17**

**Rampion Wind Farm**

**RSK e-on**

**Title:**

Figure 3 - Detailed Botanical Survey Areas  
Map 17 of 17

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REV 10

***BOTANICAL TARGET NOTES***

**BOTANICAL TARGET NOTES**

**Target Note 1.** The lower foreshore comprises unvegetated shingle inbetween rock groynes, while the upper foreshore has a 10 m strip of vegetated shingle beside the cyclepath. This stabilized shingle supports a range of short annual and perennial herbs, for example semi-ruderal or coastal species such as *Catapodium marinum* (Sea Fern-grass), *Centranthus ruber* (Red Valerian), *Crepis vesicaria* (Beaked Hawk's-beard), *Festuca rubra* (Red Fescue), *Geranium molle* (Dove's-foot Crane's-bill), *Helminthotheca echioides* (Bristly Oxtongue), *Plantago coronopus* (Buck's-horn Plantain), *Plantago lanceolata* (Ribwort Plantain), *Senecio squalidus* (Oxford Ragwort) and *Trifolium repens* (White Clover). There are a few plant of *Crithmum maritimum* (Rock Samphire) and several of the garden escape *Erigeron glaucus* (Seaside Daisy).

**Target Note 2.** A strip of roadside amenity grassland appears to have been re-sown with *Lolium perenne* (Perennial Rye-grass), though it has an open sward with a high proportion of forbs and moss species such as *Bellis perennis* (Daisy), *Cerastium glomeratum* (Sticky Mouse-ear), *Daucus carota* (Wild Carrot), cf. *Homalothecium lutescens*, *Plantago coronopus* (Buck's-horn Plantain), *Plantago lanceolata* (Ribwort Plantain) and *Stellaria media* (Common Chickweed).

**Target Note 3.** An ornamental hedge or wind-break about 4 m high and wide dominated by *Tamarix gallica* (Tamarisk). Other species include *Arbutus unedo* (Strawberry-tree), *Euonymus japonicus* (Japanese Spindle), *Pinus* species (a Pine) and *Salix* species (a Willow).

**Target Note 4.** A former golf course comprising short amenity turf dominated by *Lolium perenne* (Perennial Rye-grass) and other lawn grasses with common forbs such as *Achillea millefolium* (Yarrow), *Bellis perennis* (Daisy), *Daucus carota* (Wild Carrot) and *Medicago arabica* (Spotted Medick).

**Target Note 5.** A muddy duck pond with a narrow fringe of *Phragmites australis* (Common Reed) at the water margin.

**Target Note 6.** An ornamental hedge or shrub-line dominated by *Crataegus monogyna* (Hawthorn) and *Tamarix gallica* (Tamarisk).

**Target Note 7.** A golf course consisting of highly improved amenity grassland dominated by *Lolium perenne* (Perennial Rye-grass) and other lawn grasses with pockets of planted ornamental trees and shrubs including *Crataegus monogyna* (Hawthorn), *Populus* species (a Poplar), *Salix* species (a Willow) and *Viburnum* species (a Viburnum).

**Target Note 8.** Ornamental shrubs and young trees including *Acer campestre* (Field Maple) and *Populus* species (a Poplar).

**Target Note 9.** A stream emerging from a culvert and flowing east. It widens to about 10 m, is approximately 1 m deep and has 2-3 m high banks supporting *Phragmites australis* (Common Reed) with semi-ruderal species such as *Aegopodium podagraria* (Ground-elder), *Oenanthe crocata* (Hemlock Water-dropwort) and *Sambucus nigra* (Elder). This vegetation is loosely referable to the NVC type **S26c *Phragmites australis-Urtica dioica* tall-herb fen, *Oenanthe crocata* sub-community**.

**Target Note 10.** Parkland consisting of lawns, paths, planting beds and specimen trees. Trees include *Cupressus glabra* (Smooth Arizona Cypress) and *Populus* species (a Poplar), shrubs include *Berberis* species (a Barberry) and herbaceous perennials include *Bergenia* cf. *crassifolia* (Elephant-ears) and *Cortaderia* cf. *selloana* (Pampas-grass).

**Target Note 11.** Narrow strips of plantation woodland about 15-20 years old dominated by *Populus* species (Poplars) and *Salix* species (Willows) with an understorey of *Crataegus monogyna* (Hawthorn), mainly. Other shrub species include *Cornus* cf. *alba* (White Dogwood), *Prunus* cf. *spinosa* (Blackthorn) and *Sambucus nigra* (Elder). The field-layer is mostly leaf litter with patchily distributed *Arum maculatum* (Lords-and-Ladies), *Hemerocallis*

cf. *fulva* (Orange Day-lily), *Hyacinthoides ×massartiana* (Hybrid Bluebell) and *Viola odorata* (Sweet Violet).

*Target Note 12.* Open vegetation on a free-draining, gravelly substrate with approximately 20 % cover of mosses and vascular plants, of which the moss *Homalothecium lutescens* and the forb *Geranium molle* (Dove's-foot Crane's-bill) are most abundant. Other species recorded include *Agrostis stolonifera* (Creeping Bent), *Aphanes arvensis* (Parsley-piert), *Medicago lupulina* (Black Medick), *Poa annua* (Annual Meadow-grass) and *Veronica persica* (Common Field-speedwell).

*Target Note 13.* Amenity grassland dominated by *Lolium perenne* (Perennial Rye-grass) and other common grasses and forbs with scattered young, ornamental trees, notably *Populus nigra* cf. 'Italica' (Lombardy-poplar). There is an area of open vegetation with abundant *Anthemis* cf. *arvensis* (Corn Chamomile) and *Silene latifolia* ssp. *alba* (White Campion) that may have been sown as a wildflower meadow.

*Target Note 14.* Mixed plantation woodland featuring groups of mature conifers – *Cupressus macrocarpa* (Monterey Cypress) and *Pinus nigra* cf. ssp. *nigra* (Austrian Pine) – together with a mix of younger trees including *Fraxinus excelsior* (Ash), *Pinus* species (a Pine) and *Populus* species (a Poplar), and there is a patch of *Rubus fruticosus* agg. (Bramble) and *Sambucus nigra* (Elder) scrub along the edge close to the cable route. The field-layer supports a scatter of herbs such as *Alliaria petiolata* (Garlic Mustard), *Galium aparine* (Cleavers) and *Urtica dioica* (Common Nettle).

*Target Note 15.* An area of *Rubus fruticosus* agg. (Bramble) scrub and ruderal vegetation with *Anthriscus sylvestris* (Cow Parsley), *Galium aparine* (Cleavers), *Sison amomum* (Stone Parsley) and *Urtica dioica* (Common Nettle) among the species recorded.

*Target Note 16.* A stand of *Fallopia japonica* (Japanese Knotweed) about 15 x 5 m on scrubby wasteground.

*Target Note 17.* Dense scrub dominated either by *Sambucus nigra* (Elder) or *Rubus fruticosus* agg. (Bramble) with the moss *Kindbergia praelonga* and the tall ruderal *Urtica dioica* (Common Nettle) among the few ground flora species. This vegetation is referable to the proposed NVC type ***Sambucus nigra-Urtica dioica scrub*** or ***W24 Rubus fruticosus-Holcus lanatus underscrub***. Elsewhere there are stands of almost pure *Urtica dioica* (Common Nettle) or ***OV24a Urtica dioica-Galium aparine community, typical sub-community***, and, on old tracks and in rabbit 'glades', sparse, open vegetation with additional species such as *Arctium minus* (Lesser Burdock), *Erodium cicutarium* (Common Stork's-bill), *Geranium molle* (Dove's-foot Crane's-bill), *Myosotis arvensis* (Field Forget-me-not) and *Senecio jacobaea* (Common Ragwort).

*Target Note 18.* A mixed plantation about 15-20 years old dominated by *Fraxinus excelsior* (Ash) and *Pinus* species (a Pine) over a sparse, weedy ground flora.

*Target Note 19.* A large area of tall ruderal vegetation on former allotments, which are dominated by *Urtica dioica* (Common Nettle) and in the process of being colonized by *Sambucus nigra* (Elder) and *Rubus fruticosus* agg. (Bramble) scrub. The moss *Brachythecium rutabulum* is abundant on the ground with additional species including *Anthriscus sylvestris* (Cow Parsley), *Galium aparine* (Cleavers), *Glechoma hederacea* (Ground-ivy), *Poa trivialis* (Rough Meadow-grass) and *Narcissus* species (a Daffodil).

*Target Note 20.* An eutrophic stream about 6 m wide and of unknown depth, fringed with *Phragmites australis* (Common Reed) and with 2-2.5 m high banks. The banks support semi-ruderal vegetation comprising species such as *Alliaria petiolata* (Garlic Mustard), *Rubus fruticosus* agg. (Bramble) and *Urtica dioica* (Common Nettle).

*Target Note 20a.* A small patch of *Fallopia japonica* (Japanese Knotweed) in an allotment on the west stream bank.

*Target Note 21.* An eutrophic ditch along the base of a railway embankment. The ditch is approximately 2-2.5 m wide and dominated by the tall emergent plants *Phragmites australis* (Common Reed) and *Typha latifolia* (Bulrush) with *Carex riparia* (Greater Pond-sedge) and

abundant algae. The bank vegetation consists mainly of *Urtica dioica* (Common Nettle) and other tall ruderals.

*Target Note 22.* A line of *Cupressus macrocarpa* (Monterey Cypress) trees.

*Target Note 23.* A patch of *Fallopia japonica* (Japanese Knotweed) about 15 x 10 m on a bank.

*Target Notes 24.* NUMBER NOT USED.

*Target Note 25.* A small field pond containing abundant *Ranunculus* subg. *Batrachium* (a Water-crowfoot) and *Rumex conglomeratus* (Clustered Dock) with frequent *Callitriche* cf. *platycarpa* (Various-leaved Water-starwort) and *Myosotis scorpioides* (Water Forget-me-not). A wet depression nearby – possibly a remnant ditch or stream – is dominated by the aquatic moss *Calliergon cordifolium*.

*Target Note 26.* Unimproved neutral grassland grazed by horses and probably at times other livestock. It has a short, moderately species-rich sward containing mesotrophic grasses such as *Agrostis capillaris* (Common Bent), *Anthoxanthum odoratum* (Sweet Vernal-grass), *Cynosurus cristatus* (Crested Dog's-tail), *Dactylis glomerata* (Cock's-foot), *Festuca rubra* (Red Fescue) and *Lolium perenne* (Perennial Rye-grass), graminoids such as *Carex* species (a Sedge) and *Luzula campestris* (Field Wood-rush), and forbs including *Bellis perennis* (Daisy), *Cerastium fontanum* (Common Mouse-ear), *Lotus corniculatus* (Common Bird's-foot-trefoil), *Ranunculus repens* (Creeping Buttercup), *Prunella vulgaris* (Selfheal) and *Trifolium repens* (White Clover). It is probably referable to the NVC type **MG6 *Lolium perenne*-*Cynosurus cristatus* grassland**.

*Target Note 27.* A shallow, wet depression in the field contains marshy vegetation with a mixed sward of grasses, sedges, rushes, broad-leaved herbs and mosses. The more abundant species include the rush *Juncus articulatus* (Jointed Rush), the sedge *Carex panicea* (Carnation Sedge) and the moss *Calliergon cordifolium*. Other species include *Agrostis stolonifera* (Creeping Bent), *Apium nodiflorum* (Fool's Water-cress), *Equisetum palustre* (Marsh Horsetail), *Ranunculus repens* (Creeping Buttercup) and the hook-moss *Drepanocladus aduncus*.

*Target Note 28.* A field drain about 1.5 m wide and half a metre deep supporting a good range of emergent and wet-bank species. There is abundant *Carex riparia* (Greater Pond-sedge) with *Apium nodiflorum* (Fool's Water-cress), *Epilobium hirsutum* (Great Willowherb), *Filipendula ulmaria* (Meadowsweet), *Mentha aquatica* (Water Mint), *Phragmites australis* (Common Reed) and *Rumex conglomeratus* (Clustered Dock) among others.

*Target Note 29.* Rough grassland between two drains characterised by species such as *Arrhenatherum elatius* (False Oat-grass), *Dactylis glomerata* (Cock's-foot) and *Heracleum sphondylium* (Hogweed) with patchy *Rubus fruticosus* agg. (Bramble) scrub and scattered *Crataegus monogyna* (Hawthorn) bushes.

*Target Note 30.* A smaller, shallower drain than *Target Note 28* half shaded by scrub and with fewer emergent species. They include *Carex riparia* (Greater Pond-sedge), *Mentha aquatica* (Water Mint), *Myosotis scorpioides* (Water Forget-me-not) and *Phragmites australis* (Common Reed).

*Target Note 31.* Rough, unimproved grassland dominated by coarse grasses such as *Alopecurus pratensis* (Meadow Foxtail), *Dactylis glomerata* (Cock's-foot), *Festuca rubra* (Red Fescue) and *Holcus lanatus* (Yorkshire-fog) with tall ruderals such as *Cirsium arvense* (Creeping Thistle), *Heracleum sphondylium* (Hogweed) and *Senecio jacobaea* (Common Ragwort). Damp areas support additional species including *Carex* species (a Sedge), *Odontites vernus* (Red Bartsia) and *Pulicaria dysenterica* (Common Fleabane). The drier areas are broadly referable to the NVC type **MG1 *Arrhenatherum elatius* grassland**.

*Target Note 32.* An area of swamp vegetation within a local Site of Nature Conservation Interest. The vegetation is dominated by *Carex riparia* (Greater Pond-sedge) and *Phragmites australis* (Common Reed) with a handful of other wetland species such as *Epilobium hirsutum* (Great Willowherb), *Filipendula ulmaria* (Meadowsweet) and *Lythrum salicaria* (Purple-

loosestrife). The ground was dry underfoot at the time and there are patches of encroaching scrub.

*Target Note 33.* A drain similar to *Target Note 21*.

*Target Note 34.* A shallow field drain up to 5 m wide with heavily stock-poached banks. It contains abundant emergent vegetation including *Apium nodiflorum* (Fool's Water-cress), *Mentha aquatica* (Water Mint) and *Veronica beccabunga* (Brooklime), which is referable to the NVC type **S23 Other water margin vegetation**.

*Target Note 35.* Pasture broadly similar to *Target Note 26* though it is on a dry slope with no ponds or areas of marshy vegetation.

*Target Note 36.* A 4-5 m wide field drain. The middle of the channel is dominated by *Phragmites australis* (Common Reed) with *Carex riparia* (Greater Pond-sedge), but the margins are grazed and stock-poached, and so have additional species such as *Apium nodiflorum* (Fool's Water-cress), *Juncus inflexus* (Hard Rush) and *Mentha aquatica* (Water Mint).

*Target Note 37.* A field hedge about 2.5 m high and 4 m wide, it is infrequently trimmed and quite dense, though dominated by *Crataegus monogyna* (Hawthorn) with only small amounts of *Sambucus nigra* (Elder) and *Ulmus procera* (English Elm). The field-layer comprises a strip of **MG1** along the arable field margin with *Urtica dioica* (Common Nettle) underneath the hedge.

*Target Note 38.* A hedge similar to *Target Note 37*.

*Target Note 39.* A field drain about 5 m wide and 0.5 m deep with stock-poached margins. It contains patches of *Carex riparia* (Greater Pond-sedge) and *Phragmites australis* (Common Reed) together with a range of aquatic and emergent species including *Apium nodiflorum* (Fool's Water-cress), *Callitriche* cf. *platycarpa* (Various-leaved Water-starwort), *Mentha aquatica* (Water Mint), *Myosotis scorpioides* (Water Forget-me-not), *Rumex conglomeratus* (Clustered Dock) and *Veronica beccabunga* (Brooklime).

*Target Note 40.* Upstream of *Target Note 20*, the Teville stream is fringed with *Phragmites australis* (Common Reed) and there is also some *Carex riparia* (Greater Pond-sedge), *Mentha aquatica* (Water Mint) and *Sparganium erectum* (Branched Bur-reed), but no aquatic vegetation. The invasive species *Heracleum trachyloma* (Giant Hogweed) is growing along the west bank.

*Target Note 41.* A line of mature *Salix fragilis* (Crack-willow) trees along the westedge of small stream. The stream is heavily shaded and polluted by rubbish from an adjacent development site and supports little or no vegetation.

*Target Note 42.* Grassland similar to *Target Note 26*.

*Target Note 43.* A field drain between 2.5 and 3.5 m wide and up to 0.5 m deep. It has poached banks and contains frequent *Callitriche* cf. *platycarpa* (Various-leaved Water-starwort), *Epilobium hirsutum* (Great Willowherb), *Ranunculus* subg. *Batrachium* (a Water-crowfoot) and *Rumex conglomeratus* (Clustered Dock) together with abundant algae.

*Target Note 44.* A 2 m wide drain with a hedge along its southern edge. The drain contains patches of *Phragmites australis* (Common Reed) but it is heavily shaded by the hedge and therefore species-poor. The hedge is overgrown to about 3-5 m in height and is dominated by *Crataegus monogyna* (Hawthorn), *Prunus spinosa* (Blackthorn) and *Sambucus nigra* (Elder). At the western end (at the proposed crossing point), the drain is dry and the hedge has degenerated to *Rubus fruticosus* agg. (Bramble) scrub.

*Target Note 45.* A field drain with 45° 2 m high banks supporting **MG1b**. The channel is more or less dry, though it is dominated by *Phragmites australis* (Common Reed) loosely referable to the NVC type **S26 *Phragmites australis*-*Urtica dioica* tall-herb fen**. The invasive species *Heracleum trachyloma* (Giant Hogweed) is established along the banks for the whole length.

*Target Note 46.* An eutrophic ditch about 1.5 m wide and so strongly dominated by *Phragmites australis* (Common Reed) that no other wetland species was recorded.

*Target Note 47.* An overgrown, scrubby hedge consisting mainly of *Ulmus procera* (English Elm) with *Crataegus monogyna* (Hawthorn), *Prunus spinosa* (Blackthorn), *Rubus fruticosus* agg. (Bramble) and *Sambucus nigra* (Elder). There is a dry ditch and patches of *Heracleum mantegazzianum* (Giant Hogweed) along the edges at the eastern end.

*Target Note 48.* An overgrown, scrubby hedge dominated by *Crataegus monogyna* (Hawthorn) and *Ulmus procera* (English Elm), it lacks the structure of a hedge and contains few other woody species. The field margin along the eastern side is dominated by the tall herbs *Anthriscus sylvestris* (Cow Parsley) and *Heracleum sphondylium* (Hogweed), and locally by *Heracleum mantegazzianum* (Giant Hogweed).

*Target Note 49.* Rough, species-poor grassland dominated by grasses such as *Arrhenatherum elatius* (False Oat-grass), *Dactylis glomerata* (Cock's-foot), *Elytrigia repens* (Common Couch), *Festuca rubra* (Red Fescue) and *Poa trivialis* (Rough Meadow-grass). The tall ruderal *Urtica dioica* (Common Nettle) is frequent and there are scattered bushes of *Crataegus monogyna* (Hawthorn), *Rubus fruticosus* agg. (Bramble) and *Sambucus nigra* (Elder) but few other species were recorded. The grassland is probably referable to the NVC type **MG1b** *Arrhenatherum elatius* grassland, *Urtica dioica* sub-community.

*Target Note 50.* A species-poor, overgrown hedge comprising *Crataegus monogyna* (Hawthorn) with *Sambucus nigra* (Elder) and one *Ilex aquifolium* (Holly) bush. There is abundant *Rubus fruticosus* agg. (Bramble) at the base and a dry ditch.

*Target Note 51.* A moderately fast-flowing stream about 1.5 m wide and less than half a metre deep. Bank-side vegetation includes stands of the tall herbs *Epilobium hirsutum* (Great Willowherb), *Phalaris arundinacea* (Reed Canary-grass) and *Pulicaria dysenterica* (Common Fleabane) together with *Rubus fruticosus* agg. (Bramble) scrub and trees and shrubs such as *Salix fragilis* (Crack-willow) and *Salix* cf. *viminialis* (Osier). The channel contains locally abundant *Apium nodiflorum* (Fool's Water-cress) and *Glyceria fluitans* (Floating Sweet-grass) referable to the NVC type **S23 Other water margin vegetation**.

*Target Note 52.* Damp grassland alongside the stream consisting mainly of the grasses *Agrostis stolonifera* (Creeping Bent) and *Poa trivialis* (Rough Meadow-grass) with scattered tussocks of *Juncus effusus* (Soft-rush) and *Juncus inflexus* (Hard Rush).

*Target Note 53.* An overgrown, scrubby hedge comprising *Crataegus monogyna* (Hawthorn) and *Sambucus nigra* (Elder) with dense *Rubus fruticosus* agg. (Bramble) underneath. A tiny stream flowing along the hedge is entirely overgrown and doesn't support any wetland vegetation.

*Target Note 54.* Species-poor grassland dominated by coarse grasses such as *Agrostis capillaris* (Common Bent), *Holcus lanatus* (Yorkshire-fog) and *Poa trivialis* (Rough Meadow-grass) – *Urtica dioica* (Common Nettle) is frequent but there are few other forbs.

*Target Note 55.* A line of dense scrub, fenced on either side, with a bank and a dry ditch. It is strongly dominated by *Ulmus procera* (English Elm) with *Rubus fruticosus* agg. (Bramble) and *Sambucus nigra* (Elder).

*Target Note 56.* Improved grassland dominated by *Lolium perenne* (Perennial Rye-grass) and grazed by sheep.

*Target Note 57.* A roadside hedge trimmed to about 1.8 m high and dominated by *Crataegus monogyna* (Hawthorn) or taller – to 6 m – with abundant *Ulmus procera* (English Elm) suckers. It is on a half-bank with a field-layer comprising mostly ruderal herbs and grasses such as *Anisantha sterilis* (Barren Brome), *Anthriscus sylvestris* (Cow Parsley), *Galium aparine* (Cleavers) and *Urtica dioica* (Common Nettle).

*Target Note 58.* A hedge on the opposite side of the road to *Target Note 58* largely comprising tall *Ulmus procera* (English Elm) suckers. However, at the western end (at the proposed

crossing point) it is gappy with *Crataegus monogyna* (Hawthorn) or simply *Rubus fruticosus* agg. (Bramble). The field-layer supports locally abundant *Arum maculatum* (Lords-and-Ladies).

*Target Note 59.* Improved or poor semi-improved horse pasture.

*Target Note 60.* A modern *Crataegus monogyna* (Hawthorn) hedge alongside the A27 road.

*Target Note 61.* A modern roadside hedge planted with *Crataegus monogyna* (Hawthorn) and approximately 4 m tall and 3 m wide. The field-layer under the hedge is dominated by *Hedera helix* (Ivy) while the adjacent verge consists of *Anisantha sterilis* (Barren Brome) with *Alliaria petiolata* (Garlic Mustard), *Anthriscus sylvestris* (Cow Parsley), *Galium aparine* (Cleavers) and *Malus sylvestris* (Crab Apple).

*Target Note 62.* A *Lolium perenne* (Perennial Rye-grass) ley.

*Target Note 63.* A wide, low bank supporting an overgrown, scrubby hedge about 2-4 m high and in places several metres wide. It is dominated by suckering *Prunus spinosa* (Blackthorn) with *Crataegus monogyna* (Hawthorn), *Sambucus nigra* (Elder) and a single *Acer pseudoplatanus* (Sycamore) tree.

*Target Note 64.* Patchy *Rubus fruticosus* agg. (Bramble) scrub along a bank and fence-line.

*Target Note 65.* Improved grassland with a short, sheep-grazed sward dominated by *Lolium perenne* (Perennial Rye-grass) and *Trifolium repens* (White Clover). Other species include *Agrostis stolonifera* (Creeping Bent), *Cerastium glomeratum* (Sticky Mouse-ear), *Dactylis glomerata* (Cock's-foot), *Plantago lanceolata* (Ribwort Plantain) and *Veronica persica* (Common Field-speedwell).

*Target Note 66.* Unimproved calcareous grassland grazed by horses. The sward is very short and dominated by the fine-leaved grass *Festuca ovina* (Sheep's-fescue) together with *Agrostis* species (Bent-grasses), *Bromopsis erecta* (Upright Brome) and *Dactylis glomerata* (Cock's-foot). Broad-leaved herbs recorded include *Anacamptis pyramidalis* (Pyramidal Orchid), *Cerastium fontanum* (Common Mouse-ear), *Euphorbia cyparissias* (Cypress Spurge), *Galium mollugo* (Hedge Bedstraw), *Hypochaeris radicata* (Cat's-ear), *Plantago lanceolata* (Ribwort Plantain), *Scabiosa columbaria* (Small Scabious), *Taraxacum* sect. *Ruderalia* (Common Dandelion) and *Viola hirta* (Hairy Violet). The grassland is most likely referable to the NVC type **CG3 *Bromus erectus* grassland** rather than **CG2**.

*Target Note 67.* Horse pasture similar in appearance to *Target Note 66* but lacking its characteristic calcicolous species. The sward is relatively species-poor comprising mesotrophic grasses such as *Agrostis capillaris* (Common Bent), *Dactylis glomerata* (Cock's-foot) and *Festuca rubra* (Red Fescue) with the mosses *Brachythecium rutabulum* and *Calliergonella cuspidata*, though there is some *Arenaria serpyllifolia* (Thyme-leaved Sandwort) and *Galium verum* (Lady's Bedstraw) scattered along the boundary fence.

*Target Note 68.* A gappy, leggy *Crataegus monogyna* (Hawthorn) hedge in which *Sambucus nigra* (Elder) is the only other woody species. There is no difference between the field-layer and the grassland described in *Target Note 69*.

*Target Note 69.* A narrow field of calcareous grassland on a 20° slope. It is fenced-off from the slope below and has been ungrazed for some time, resulting in a tussocky sward approximately 0.2-0.3 m tall dominated by *Festuca rubra* (Red Fescue) and other grasses such as *Arrhenatherum elatius* (False Oat-grass), *Bromopsis erecta* (Upright Brome), *Dactylis glomerata* (Cock's-foot) and *Phleum bertolonii* (Smaller Cat's-tail). The calcicolous forb *Poterium sanguisorba* (Salad Burnet) and the moss *Pseudoscleropodium purum* are both frequent and there is occasional *Plantago lanceolata* (Ribwort Plantain), *Primula veris* (Cowslip), *Trifolium repens* (White Clover) and *Veronica chamaedrys* (Germander Speedwell).

*Target Note 70.* Sheep-grazed grassland shorter than, but similar in species composition to, *Target Note 69*. Downslope the grassland is more improved and species-poor.

*Target Note 71.* A modern, species-poor *Crataegus monogyna* (Hawthorn) hedge with small amounts of *Rosa canina* (Dog-rose) and *Sambucus nigra* (Elder). It is approximately 2.5 m high and wide and has a field-layer of *Hedera helix* (Ivy) and nutrient-loving species such as *Galium aparine* (Cleavers) and *Urtica dioica* (Common Nettle) together with some *Arum maculatum* (Lords-and-Ladies) and *Brachypodium sylvaticum* (False Brome).

*Target Note 72.* Improved grassland dominated by *Lolium perenne* (Perennial Rye-grass).

*Target Note 73.* Rough, weedy grassland possibly derived from fallow arable. It has an open sward of grasses such as *Dactylis glomerata* (Cock's-foot), *Holcus lanatus* (Yorkshire-fog), *Lolium perenne* (Perennial Rye-grass) and *Phleum pratense* (Timothy) with semi-ruderal forbs including *Anthriscus sylvestris* (Cow Parsley), *Geranium dissectum* (Cut-leaved Crane's-bill), *Plantago lanceolata* (Ribwort Plantain) and *Senecio jacobaea* (Common Ragwort).

*Target Note 74.* Mature, planted *Fagus sylvatica* (Beech) trees forming a very open canopy with a shrub-layer of *Corylus avellana* (Hazel) and *Sambucus nigra* (Elder) underneath. The ground appears disturbed as the field-layer consists mainly of *Urtica dioica* (Common Nettle) with *Arum maculatum* (Lords-and-Ladies) and *Brachypodium sylvaticum* (False Brome).

*Target Note 75.* A narrow corridor of woodland consisting of *Fraxinus excelsior* (Ash) trees with an understorey of *Crataegus monogyna* (Hawthorn) and *Ilex aquifolium* (Holly). The field-layer includes woodland and wood-edge species such as *Arum maculatum* (Lords-and-Ladies), *Brachypodium sylvaticum* (False Brome), *Chaerophyllum temulum* (Rough Chervil), *Sanicula europaea* (Sanicle) and *Urtica dioica* (Common Nettle).

*Target Note 76.* A gappy, species-poor roadside hedge trimmed to about 2 m high and wide comprising abundant *Prunus spinosa* (Blackthorn) with *Rosa canina* (Dog-rose), *Sambucus nigra* (Elder) and *Viburnum lantana* (Wayfaring-tree).

*Target Note 77.* A newly planted hedge.

*Target Note 78.* Rough grassland verges along a track are dominated by the calcicolous grass *Brachypodium pinnatum* (Tor-grass) together with more typical **MG1b** species such as *Anthriscus sylvestris* (Cow Parsley), *Elytrigia repens* (Common Couch) and *Urtica dioica* (Common Nettle).

*Target Note 79.* A *Lolium perenne* (Perennial Rye-grass) ley with about 50% bare soil due to heavy cattle poaching.

*Target Note 80.* Improved grassland dominated by *Lolium perenne* (Perennial Rye-grass) with *Trifolium repens* (White Clover) but few other species.

*Target Note 81.* A leggy *Crataegus monogyna* (Hawthorn) hedge along one edge of a plantation, it is about 4 m high and has a sparse field-layer of *Urtica dioica* (Common Nettle).

*Target Note 82.* A recent woodland plantation (about 10-15 years old) dominated by the broad-leaved trees *Acer pseudoplatanus* (Sycamore) and *Fagus sylvatica* (Beech) together with some *Pinus* species (a Pine). The canopy is generally closed-over with a ground-layer of bare earth and leaf litter underneath. However, the south-east corner has a more open canopy and the field-layer retains a few chalk grassland species such as *Agrostis capillaris* (Common Bent), *Festuca rubra* (Red Fescue), *Homalothecium lutescens*, *Pastinaca sativa* (Wild Parsnip) and *Pseudoscleropodium purum*.

*Target Note 83.* Unimproved calcareous grassland on earth embankments fenced-off from adjacent grazing land. It has a rough, tussocky sward dominated by the grass *Brachypodium pinnatum* (Tor-grass) with *Arrhenatherum elatius* (False Oat-grass), *Bromopsis erecta* (Upright Brome), *Dactylis glomerata* (Cock's-foot) and *Festuca rubra* (Red Fescue), and forbs including *Anthriscus sylvestris* (Cow Parsley), *Centaurea nigra* (Common Knapweed), *Galium aparine* (Cleavers), *Galium mollugo* (Hedge Bedstraw), *Heracleum sphondylium* (Hogweed), *Plantago lanceolata* (Ribwort Plantain), *Primula veris* (Cowslip) and *Poterium sanguisorba* (Salad Burnet). The grassland is probably referable to the NVC type **CG4b *Brachypodium pinnatum* grassland, *Centaurea nigra*-*Leontodon hispidus* sub-community**, though it is beginning to resemble **MG1b** in places. Along what may be an old track, the chalk substrate is

exposed and supports open calcicolous vegetation resembling **CG2 *Festuca ovina*-*Avenula pratensis* grassland**. Additional species recorded here include *Agrostis capillaris* (Common Bent), *Briza media* (Quaking-grass), *Carex* cf. *caryophyllea* (Spring-sedge), *Centaureum erythraea* (Common Centaury), *Helictotrichon pratensis* (Meadow Oat-grass), *Leontodon hispidus* (Rough Hawkbit), *Lotus corniculatus* (Common Bird's-foot-trefoil), *Pilosella officinarum* (Mouse-ear-hawkweed), *Scabiosa columbaria* (Small Scabious), *Thymus polytrichus* (Wild Thyme) and several acrocarpous mosses.

**Target Note 84.** A chalk grassland slope heavily trampled by cattle with about 15 % bare earth. Although very disturbed, the sward comprises species characteristic of calcareous grassland such as the grasses *Brachypodium pinnatum* (Tor-grass) – which is most abundant –, *Bromopsis erecta* (Upright Brome), *Festuca ovina* (Sheep's-fescue) and *Helictotrichon pratensis* (Meadow Oat-grass), the sedge *Carex flacca* (Glaucous Sedge), the forbs *Anthyllis vulneraria* (Kidney Vetch), *Galium mollugo* (Hedge Bedstraw), *Plantago lanceolata* (Ribwort Plantain), *Polygala vulgaris* (Common Milkwort), *Primula veris* (Cowslip), *Ranunculus repens* (Creeping Buttercup), *Scabiosa columbaria* (Small Scabious) and *Taraxacum* sect. *Ruderalia* (Common Dandelion), and the mosses *Homalothecium lutescens* and *Pseudoscleropodium purum*. It is not immediately clear which of the NVC types **CG3**, **CG4** or **CG5** best describes this grassland.

**Target Note 85.** A thin, modern *Crataegus monogyna* (Hawthorn) hedge trimmed to about 1.6 m high.

**Target Note 86.** Heavily cattle-poached grassland with a sward comprising mesotrophic and calcicolous species including the grasses *Agrostis capillaris* (Common Bent), *Bromopsis erecta* (Upright Brome), *Dactylis glomerata* (Cock's-foot), *Festuca rubra* (Red Fescue) and *Poa* cf. *pratensis* (Smooth Meadow-grass), and the forbs *Lotus corniculatus* (Common Bird's-foot-trefoil), *Pastinaca sativa* (Wild Parsnip), *Plantago lanceolata* (Ribwort Plantain), *Primula veris* (Cowslip), *Ranunculus repens* (Creeping Buttercup), *Trifolium pratense* (Red Clover) and *Trifolium repens* (White Clover). It is possibly referable to the NVC type **CG3 *Bromus erectus* grassland**.

**Target Note 87.** Species-poor grassland derived from fallow arable. The vegetation is short and contains a high proportion of moss, including *Homalothecium lutescens*, *Oxyrhynchium hians* and *Pseudoscleropodium purum*, together with grasses and forbs such as *Agrostis stolonifera* (Creeping Bent), *Dactylis glomerata* (Cock's-foot), *Holcus lanatus* (Yorkshire-fog), *Ranunculus repens* (Creeping Buttercup), *Taraxacum* sect. *Ruderalia* (Common Dandelion) and *Trifolium repens* (White Clover).

**Target Note 88.** A *Lolium perenne* (Perennial Rye-grass) ley grazed by cattle.

**Target Note 89.** A field of *Brassica napus* (Rape) with arable weeds at the margins including *Alopecurus myosuroides* (Black-grass), *Capsella bursa-pastoris* (Shepherd's-purse), *Galium aparine* (Cleavers), *Geranium dissectum* (Cut-leaved Crane's-bill), *Lamium purpureum* (Red Dead-nettle), *Sonchus oleraceus* (Smooth Sow-thistle) and *Veronica persica* (Common Field-speedwell).

**Target Note 89a.** Improved grassland dominated by *Lolium perenne* (Perennial Rye-grass) with *Trifolium repens* (White Clover) and grazed short by sheep.

**Target Note 90.** A roadside hedge and bank. The hedge is mechanically trimmed to about 1.5 m high and contains abundant *Ulmus procera* (English Elm) with *Crataegus monogyna* (Hawthorn), *Prunus spinosa* (Blackthorn) and *Rubus fruticosus* agg. (Bramble) among other species. The field-layer consists of *Hedera helix* (Ivy) and herbs such as *Anthriscus sylvestris* (Cow Parsley), *Arum maculatum* (Lords-and-Ladies), *Brachypodium sylvaticum* (False Brome) and *Urtica dioica* (Common Nettle).

**Target Note 91.** A narrow strip of woodland derived from an outgrown hedge. It has a developing canopy of *Acer pseudoplatanus* (Sycamore) and *Fraxinus excelsior* (Ash) trees about 30 years old with an understorey of *Ulmus procera* (English Elm) suckers marking the old hedge-line, and a field-layer is characterised by frequent *Arum maculatum* (Lords-and-Ladies) and *Urtica dioica* (Common Nettle). North and south of the proposed crossing point the hedge is trimmed to below 2 m.

*Target Note 92.* Species-poor pasture with a fine-leaved grass sward dominated by *Agrostis capillaris* (Common Bent). Broad-leaved forbs are few although *Ranunculus repens* (Creeping Buttercup) is frequent and *Ficaria verna* (Lesser Celandine) is occasional.

*Target Note 93.* A dense hedge about 3 m high and wide dominated by *Crataegus monogyna* (Hawthorn) and *Prunus spinosa* (Blackthorn) with *Cornus sanguinea* (Dogwood) and *Ligustrum vulgare* (Wild Privet). The ground flora under the hedge is very sparse.

*Target Note 94.* A drain alongside the hedge described in *Target Note 93* is about 3 m wide and 1 m deep with abundant algae indicating eutrophication. It has patches of *Glyceria maxima* (Reed Sweet-grass) at the margins together with small amounts of *Callitriche* cf. *platycarpa* (Various-leaved Water-starwort), *Epilobium hirsutum* (Great Willowherb) and *Mentha aquatica* (Water Mint).

*Target Note 95.* A large drain about 4 m wide with 30-45° banks up to 2 m high. The bank vegetation consists of rough grassland referable to the NVC type **MG1b Arrhenatherum elatius grassland, Urtica dioica sub-community**. The channel is fringed with *Glyceria maxima* (Reed Sweet-grass) and contains clear, unpolluted water in which the aquatic *Callitriche* cf. *platycarpa* (Various-leaved Water-starwort) is forming very large stands. Other aquatic species include *Apium nodiflorum* (Fool's Water-cress), *Elodea* cf. *nuttallii* (Nuttall's Waterweed), *Equisetum fluviatile* (Water Horsetail), *Lemna minor* (Common Duckweed) and *Nasturtium* cf. *officinale* (Water-cress).

*Target Note 96.* A large tidal river some tens of metres wide. The river is bounded by flood defences (earth embankments supporting rough grassland) with sparsely vegetated tracks (designated as public footpaths) between the embankments and the channel proper. The upper river banks support narrow strips of saltmarsh vegetation comprising *Atriplex portulacoides* (Sea-purslane) and *Puccinellia maritima* (Common Saltmarsh-grass) with other saltmarsh species including *Aster tripolium* (Sea Aster), *Elytrigia repens* (Common Couch) and *Plantago maritima* (Sea Plantain). The steep-sided lower banks are exposed for several metres at low tide.

*Target Note 96a.* Small patches of *Fallopia japonica* (Japanese Knotweed) are scattered along the western river embankment.

*Target Note 97.* The eastern river embankment supports rough grassland dominated by grasses such as *Elytrigia repens* (Common Couch) and *Festuca rubra* (Red Fescue) with robust forbs such as *Heracleum sphondylium* (Hogweed), *Oenanthe crocata* (Hemlock Water-dropwort) and *Taraxacum* sect. *Ruderalia* (Common Dandelion). There are small amounts of *Beta vulgaris* ssp. *maritima* (Sea-Beet) and *Lathyrus pratensis* (Meadow Vetchling). The grassland is broadly referable to the NVC type **MG1 Arrhenatherum elatius grassland**.

*Target Note 98.* Secondary scrub and semi-natural grassland along a dismantled railway. The dense scrub on the embankments is 5-10 m high and includes abundant *Crataegus monogyna* (Hawthorn) together with young *Fraxinus excelsior* (Ash) trees, locally abundant *Buddleja davidii* (Butterfly-bush) and occasional *Cornus sanguinea* (Dogwood) and *Sambucus nigra* (Elder). It has a sparse field-layer although *Arum maculatum* (Lords-and-Ladies) is rather frequent. Either side of a cycle path (which now occupies the former track bed), there are narrow strips of species-rich vegetation kept short by mowing and general disturbance. The sward contains a lot of moss, mainly *Brachythecium rutabulum* and *Calliergonella cuspidata*, and an eclectic mix of forbs, many of which are slight calcicoles. Species recorded include *Aphanes arvensis* (Parsley-piert), *Centaurea nigra* (Common Knapweed), *Cruciata laevipes* (Crosswort), *Heracleum sphondylium* (Hogweed), *Leucanthemum vulgare* (Oxeye Daisy), *Plantago media* (Hoary Plantain), *Primula* cf. *veris* (Cowslip), *Ranunculus repens* (Creeping Buttercup) and *Succisa pratensis* (Devil's-bit Scabious).

*Target Note 99.* A pool formed where a drain emerges from a pipe under the railway containing clear, unpolluted water with *Phragmites australis* (Common Reed) at the margins and *Callitriche* cf. *platycarpa* (Various-leaved Water-starwort) submerged in the water. The drain passes through another pipe, re-emerging alongside the River Adur embankment where it is approximately 2 m wide and filled with *Phragmites australis* (Common Reed).

*Target Note 100.* Rough, tussocky grassland dominated by grasses such as *Dactylis glomerata* (Cock's-foot), *Holcus lanatus* (Yorkshire-fog) and *Schedonorus arundinaceus* (Tall Fescue). There are few forbs other than *Geranium dissectum* (Cut-leaved Crane's-bill), *Ranunculus repens* (Creeping Buttercup) and *Rumex acetosa* (Common Sorrel), although a colony of the sedge *Carex* cf. *disticha* (Brown Sedge) is a noteworthy addition to the sward.

*Target Note 101.* A 2 m wide drain choked with *Phragmites australis* (Common Reed).

*Target Note 101a.* A roadside ditch.

*Target Note 102.* A temporary field pond containing a lush growth of the grass *Agrostis stolonifera* (Creeping Bent) with abundant *Rumex conglomeratus* (Clustered Dock) and *Carex hirta* (Hairy Sedge) in the adjacent grassland.

*Target Note 103.* Damp, species-poor grassland along a valley bottom, it is dominated by *Holcus lanatus* (Yorkshire-fog) with *Cirsium arvense* (Creeping Thistle), *Festuca rubra* (Red Fescue), *Ranunculus repens* (Creeping Buttercup) and *Trifolium repens* (White Clover) but few other species.

*Target Note 104.* An area of scrub with a wet depression (hardly a stream or a ditch) along its boundary. It has an open shrub-layer of *Crataegus monogyna* (Hawthorn), young *Fraxinus excelsior* (Ash) trees and *Prunus spinosa* (Blackthorn) with *Rubus fruticosus* agg. (Bramble) and *Urtica dioica* (Common Nettle) in the areas between. There are a few mature *Salix fragilis* (Crack-willow) along the wet depression.

*Target Note 105.* A shallow pond with patches of emergent *Glyceria maxima* (Reed Sweet-grass) and scattered *Epilobium hirsutum* (Great Willowherb) and *Rumex conglomeratus* (Clustered Dock).

*Target Note 106.* Species-rich calcareous grassland on an unimproved slope. It has a tussocky sward dominated by *Brachypodium pinnatum* (Tor-grass), however, it retains a good range of other species including the grasses *Briza media* (Quaking-grass), *Bromopsis erecta* (Upright Brome) and *Festuca rubra* (Red Fescue), and the forbs *Centaurea nigra* (Common Knapweed), *Daucus carota* (Wild Carrot), *Galium verum* (Lady's Bedstraw), *Leontodon hispidus* (Rough Hawkbit), *Plantago lanceolata* (Ribwort Plantain), *Primula veris* (Cowslip), *Poterium sanguisorba* (Salad Burnet) and *Viola hirta* (Hairy Violet). The grassland is possibly referable to the NVC type **CG5 *Bromus erectus*-*Brachypodium pinnatum* grassland**.

*Target Note 107.* Species-poor rough grassland on the valley bottom has a tussocky sward dominated by grasses such as *Dactylis glomerata* (Cock's-foot), *Elytrigia repens* (Common Couch), *Holcus lanatus* (Yorkshire-fog) and *Poa trivialis* (Rough Meadow-grass) together with robust herbs such as *Centaurea nigra* (Common Knapweed), *Cirsium arvense* (Creeping Thistle), *Plantago lanceolata* (Ribwort Plantain) and *Urtica dioica* (Common Nettle). On the slope above, the grassland is less eutrophic and has a fine-leaved sward of *Festuca rubra* (Red Fescue) with more frequent *Centaurea nigra* (Common Knapweed).

*Target Note 108.* A group of six mature *Aesculus hippocastanum* (Horse-chestnut) trees.

*Target Note 109.* A *Lolium perenne* (Perennial Rye-grass) ley grazed by sheep.

*Target Note 110.* Improved, cattle-grazed grassland dominated by *Lolium perenne* (Perennial Rye-grass) with a limited range of other grasses and forbs including *Achillea millefolium* (Yarrow), *Agrostis capillaris* (Common Bent), *Dactylis glomerata* (Cock's-foot), *Plantago lanceolata* (Ribwort Plantain), *Ranunculus repens* (Creeping Buttercup) and *Trifolium repens* (White Clover).

*Target Note 111.* Calcareous grassland grazed to about 0.05 m high which may have been slightly improved while retaining a good range of calcicolous species. Typical species in the sward include the grasses *Agrostis capillaris* (Common Bent), *Bromopsis erecta* (Upright Brome), *Dactylis glomerata* (Cock's-foot) and *Festuca rubra* (Red Fescue), and the forbs *Achillea millefolium* (Yarrow), *Centaurea nigra* (Common Knapweed), *Galium mollugo* (Hedge Bedstraw), *Lotus corniculatus* (Common Bird's-foot-trefoil), *Plantago lanceolata* (Ribwort Plantain), *Ranunculus repens* (Creeping Buttercup), *Taraxacum* sect. *Ruderalia*

(Common Dandelion) and *Trifolium repens* (White Clover). Small amounts of *Helictotrichon pubescens* (Downy Oat-grass) and *Poterium sanguisorba* (Salad Burnet) were also recorded. The grassland is possibly a mesotrophic form of **CG3 *Bromus erectus* grassland**.

*Target Note 111a.* Semi-improved grassland similar to *Target Note 110*.

*Target Note 111b.* A continuum from improved grassland upslope to unimproved calcareous grassland downslope, through semi-improved calcareous grassland. The unimproved part is *Bromopsis erecta* (Upright Brome) grassland similar to *Target Note 111c*.

*Target Note 111c.* Short, calcareous turf comprising a mixture of the grasses *Bromopsis erecta* (Upright Brome), *Dactylis glomerata* (Cock's-foot) and *Festuca ovina* (Sheep's-fescue) together with the sedge *Carex flacca* (Glaucous Sedge), and forbs including *Centaurea debeauxii* (Chalk knapweed), *Linum catharticum* (Fairy Flax), *Lotus corniculatus* (Common Bird's-foot-trefoil), *Plantago lanceolata* (Ribwort Plantain) and *Poterium sanguisorba* ssp. *sanguisorba* (Salad Burnet). Areas of taller grassland are dominated by *Brachypodium pinnatum* (Tor-grass).

*Target Note 111d.* Rough calcareous grassland dominated by the bulky grasses *Arrhenatherum elatius* (False Oat-grass) and *Brachypodium pinnatum* (Tor-grass) with *Festuca rubra* (Red Fescue). Forbs include *Achillea millefolium* (Yarrow), *Centaurea debeauxii* (Chalk knapweed), *Galium mollugo* (Hedge Bedstraw) and *Veronica chamaedrys* (Germander Speedwell).

*Target Note 111e.* Short, rabbit-grazed turf on a steep, semi-improved slope. The grassland comprises mostly *Festuca ovina* (Sheep's-fescue) together with other grasses *Dactylis glomerata* (Cock's-foot) and *Holcus lanatus* (Yorkshire-fog), the forbs *Medicago lupulina* (Black Medick), *Trifolium repens* (White Clover) and *Veronica chamaedrys* (Germander Speedwell), and the moss *Pseudoscleropodium purum*. Part of the slope supports *Fraxinus excelsior* (Ash) trees and mixed scrub.

*Target Note 111f.* Mature *Fraxinus excelsior* (Ash) woodland in a former quarry.

*Target Note 112.* Species-poor semi-improved grassland on a fairly steep chalk slope. There are small patches of *Brachypodium pinnatum* (Tor-grass) on the lower slopes and more extensive calcareous grassland on the very steepest parts, but the majority of the field comprises mesotrophic grassland. This is dominated by grasses such as *Agrostis capillaris* (Common Bent), *Dactylis glomerata* (Cock's-foot) and *Festuca rubra* (Red Fescue) with ubiquitous grassland forbs such as *Achillea millefolium* (Yarrow), *Cerastium fontanum* (Common Mouse-ear), *Ranunculus repens* (Creeping Buttercup) and *Trifolium repens* (White Clover). It is broadly referable to the NVC type **MG6 *Lolium perenne*-*Cynosurus cristatus* grassland**.

*Target Note 113.* A *Lolium perenne* (Perennial Rye-grass) ley.

*Target Note 113a.* Unimproved calcareous grassland.

*Target Note 114.* A relict hedge consisting of leggy *Crataegus monogyna* (Hawthorn) bushes with two *Fraxinus excelsior* (Ash) trees.

*Target Note 115.* Species-poor pasture grazed by sheep and horses with a very short sward and areas of bare ground. The main grass species is *Lolium perenne* (Perennial Rye-grass) although there are others such as *Agrostis capillaris* (Common Bent), *Dactylis glomerata* (Cock's-foot) and *Festuca rubra* (Red Fescue) with common forbs such as *Bellis perennis* (Daisy), *Ranunculus repens* (Creeping Buttercup) and *Taraxacum* sect. *Ruderalia* (Common Dandelion).

*Target Note 116.* A roadside hedge about 1.6 m high and wide comprising a mixture of species including *Crataegus monogyna* (Hawthorn), *Prunus spinosa* (Blackthorn), *Rosa canina* (Dog-rose), *Sambucus nigra* (Elder) and *Viburnum lantana* (Wayfaring-tree). It has no connection points with other hedges or woods.

*Target Note 117.* A hedge of similar height and width to *Target Note 116*, however, it is largely dominated by *Crataegus monogyna* (Hawthorn) with *Prunus spinosa* (Blackthorn), *Rosa canina* (Dog-rose) and *Sambucus nigra* (Elder) the only other frequent shrubs. There is a narrow verge of **MG1b Arrhenatherum elatius grassland, Urtica dioica sub-community** at the roadside with locally abundant *Lepidium draba* (Hoary Cress).

*Target Note 118.* A *Lolium perenne* (Perennial Rye-grass) ley grazed short by sheep.

*Target Note 119.* A gappy field hedge about 1.5 m tall containing *Crataegus monogyna* (Hawthorn), *Euonymus europaeus* (Spindle), *Prunus spinosa* (Blackthorn), *Rosa canina* (Dog-rose) and *Sambucus nigra* (Elder). The field-layer is species-poor with typical species including *Anthriscus sylvestris* (Cow Parsley), *Arum maculatum* (Lords-and-Ladies), *Galium aparine* (Cleavers) and *Urtica dioica* (Common Nettle).

*Target Note 120.* Species-poor pasture with an open, weedy sward owing to heavy grazing and trampling by horses. It is dominated by *Lolium perenne* (Perennial Rye-grass) together with ruderals such as *Sonchus oleraceus* (Smooth Sow-thistle) and *Veronica persica* (Common Field-speedwell), and the mosses *Brachythecium rutabulum* and *Calliergonella cuspidata*.

*Target Note 121.* A very species-poor hedge about 2 m high and wide dominated by *Crataegus monogyna* (Hawthorn) with *Rosa canina* (Dog-rose). An adjacent ditch contains scarcely any water and the ditch banks and hedge field-layer are both characterised by semi-ruderal species such as *Rubus fruticosus* agg. (Bramble) and *Urtica dioica* (Common Nettle).

*Target Note 122.* A trackside hedge trimmed to a height and width of about 1.7 m and dominated by *Crataegus monogyna* (Hawthorn) with other species such as *Acer pseudoplatanus* (Sycamore), *Rosa canina* (Dog-rose) and *Sambucus nigra* (Elder). It has a weedy field-layer characterised by *Anthriscus sylvestris* (Cow Parsley), *Arum maculatum* (Lords-and-Ladies), *Hedera helix* (Ivy) and *Urtica dioica* (Common Nettle).

*Target Note 122a.* A hedge similar to *Target Note 122*.

*Target Note 123.* A *Lolium perenne* (Perennial Rye-grass) ley.

*Target Note 124.* A hedge with a public footpath alongside it. The hedge is 2.5 m high and wide and comprises a dense mixture of *Crataegus monogyna* (Hawthorn) and *Prunus spinosa* (Blackthorn) together with *Cornus sanguinea* (Dogwood) and a small amount of *Sambucus nigra* (Elder). The field-layer is sparse underneath.

*Target Note 125.* A trackside hedge about 1.7 m high and wide comprising a mixture of *Crataegus monogyna* (Hawthorn) and *Prunus spinosa* (Blackthorn) with *Rosa canina* (Dog-rose). It has a species-poor field-layer of *Arum maculatum* (Lords-and-Ladies) and *Galium aparine* (Cleavers) mainly.

*Target Note 126.* A hedge similar to *Target Note 125*.

*Target Note 127.* A field hedge consisting mainly of *Crataegus monogyna* (Hawthorn) and *Prunus spinosa* (Blackthorn).

*Target Note 128.* Species-poor grassland probably derived from fallow arable. It contains an abundance of the weed *Helminthotheca echinoides* (Bristly Oxtongue) among grasses such as *Holcus lanatus* (Yorkshire-fog), *Lolium perenne* (Perennial Rye-grass) and *Poa cf. pratensis* (Smooth Meadow-grass), with scattered *Juncus inflexus* (Hard Rush) and locally abundant *Pulicaria dysenterica* (Common Fleabane) in wetter areas.

*Target Note 129.* A species-poor hedge strongly dominated by *Prunus spinosa* (Blackthorn) with the odd shrub of *Crataegus monogyna* (Hawthorn), *Ligustrum vulgare* (Wild Privet) and *Rosa canina* (Dog-rose). It has a few mature *Quercus robur* (Pedunculate Oak) trees towards the eastern end but is otherwise about 3.5 m high. The field-layer is sparse underneath.

*Target Note 130.* A hedge similar to *Target Note 125* but with a recently cleared ditch along the track side.

*Target Note 131.* A scrubby hedge about 4 m high and 3.5 m wide dominated by *Prunus spinosa* (Blackthorn) with frequent *Crataegus monogyna* (Hawthorn) and occasional *Rosa canina* (Dog-rose) and *Quercus robur* (Pedunculate Oak).

*Target Note 132.* Improved grassland with a rough sward dominated by *Lolium perenne* (Perennial Rye-grass) and other grasses including *Dactylis glomerata* (Cock's-foot), *Elytrigia repens* (Common Couch), *Holcus lanatus* (Yorkshire-fog) and *Poa trivialis* (Rough Meadow-grass). A drain marked on OS maps has been filled in, though the ground is noticeably wetter with locally abundant *Agrostis stolonifera* (Creeping Bent).

*Target Note 133.* A species-poor, slightly gappy hedge. It is around 4 m high and comprises mainly *Crataegus monogyna* (Hawthorn) or *Prunus spinosa* (Blackthorn) with *Rosa canina* (Dog-rose) although there are several young *Quercus robur* (Pedunculate Oak) trees. A ditch alongside the hedge only contains a few centimetres of water.

*Target Note 134.* Improved grassland divided into paddocks by temporary electric fences.

*Target Note 135.* Parallel hedges either side of a track. They are both approximately 4 m high and 2 m wide and have *Prunus spinosa* (Blackthorn) as the dominant shrub alongside *Crataegus monogyna* (Hawthorn) and *Rosa canina* (Dog-rose). The field-layers are characterised by semi-ruderal herbs such as *Anisantha sterilis* (Barren Brome), *Arum maculatum* (Lords-and-Ladies), *Galium aparine* (Cleavers) and *Urtica dioica* (Common Nettle).

*Target Note 136.* An unmanaged hedge about 4 m high and 5 m wide. *Prunus spinosa* (Blackthorn) is the dominant species in a species-poor shrub-layer, though there are a few *Acer campestre* (Field Maple) and *Crataegus monogyna* (Hawthorn) shrubs and four or five mature *Quercus robur* (Pedunculate Oak) trees. The field-layer is sparse underneath.

*Target Note 137.* Damp, species-poor grassland on the flood plain of a small stream. It is dominated by coarse grasses such as *Alopecurus pratensis* (Meadow Foxtail), *Arrhenatherum elatius* (False Oat-grass), *Holcus lanatus* (Yorkshire-fog), *Lolium perenne* (Perennial Rye-grass) and *Poa trivialis* (Rough Meadow-grass).

*Target Note 138.* A slow-flowing stream about 1.5 m wide and 0.2 m deep on average. Channel vegetation includes patches of *Glyceria fluitans* (Floating Sweet-grass) and *Phalaris arundinacea* (Reed Canary-grass) together with *Oenanthe crocata* (Hemlock Water-dropwort) and *Nasturtium* cf. *officinale* (Water-cress), and there are stands of *Carex acutiformis* (Lesser Pond-sedge) on the damp ground adjacent to the stream.

*Target Note 139.* A narrow corridor of woodland or scrub along the banks of a stream. The stream is 1-1.5 m wide and 0.2-0.4 m deep and moderately fast-flowing; and the channel sides are steep and generally bare of vegetation, though there are patches of a leafy liverwort. There is dense shrub cover on either side of the stream with scattered mature trees. Woody species include *Prunus spinosa* (Blackthorn), *Quercus robur* (Pedunculate Oak) and *Salix cinerea* (Grey Willow). The field-layer under the trees especially includes abundant *Hedera helix* (Ivy) with semi-natural or ancient woodland species such as *Adoxa moschatellina* (Moschatel), *Arum maculatum* (Lords-and-Ladies), *Brachypodium sylvaticum* (False Brome) and *Hyacinthoides non-scripta* (Bluebell). This has affinities with the NVC type **W8 *Fraxinus excelsior*-*Acer campestre*-*Mercurialis perennis* woodland**.

*Target Note 140.* An arable field with a 3 m strip of rough grassland at the margins. The cultivated ground supports an assemblage of common arable weeds such as *Epilobium* species (Willowherb seedlings), *Geranium dissectum* (Cut-leaved Crane's-bill), *Sonchus oleraceus* (Smooth Sow-thistle), cf. *Tripleurospermum inodorum* (Scentless Mayweed) and *Vicia sativa* (Common Vetch).

*Target Note 141.* A stream flowing through a corridor of woodland. The stream is 2-3 m wide with steep muddy banks and is shaded by the woodland canopy. It had no visible aquatic vegetation. The woodland is characterised by scattered mature *Quercus robur* (Pedunculate Oak) trees over a shrub-layer of *Corylus avellana* (Hazel), with *Cornus sanguinea* (Dogwood), *Crataegus monogyna* (Hawthorn) and *Salix cinerea* (Grey Willow), while the field-layer supports a range of ancient woodland species such as *Adoxa moschatellina* (Moschatel), *Arum*

*maculatum* (Lords-and-Ladies), *Brachypodium sylvaticum* (False Brome), *Hyacinthoides non-scripta* (Bluebell), *Phyllitis scolopendrium* (Hart's-tongue) and *Viola reichenbachiana* (Early Dog-violet). The woodland is broadly referable to the NVC type **W8 *Fraxinus excelsior*-*Acer campestre*-*Mercurialis perennis* woodland**.

*Target Note 142.* A dense field hedge trimmed to a height and width of 1.8 m. It is strongly dominated by *Prunus spinosa* (Blackthorn) with small amounts of *Crataegus monogyna* (Hawthorn), *Rosa canina* (Dog-rose) and *Sambucus nigra* (Elder), and a few mature *Quercus robur* (Pedunculate Oak) trees. *Hedera helix* (Ivy) is covering the ground underneath together with some *Arum maculatum* (Lords-and-Ladies) and *Hyacinthoides non-scripta* (Bluebell).

*Target Note 143.* Species-poor grassland dominated by *Arrhenatherum elatius* (False Oat-grass) and other coarse grasses.

*Target Note 144.* The stream described in *Target Note 141* has scrubbiest vegetation along its banks here, primarily comprising dense *Prunus spinosa* (Blackthorn) and *Salix cinerea* (Grey Willow).

*Target Note 145.* An area north of the stream described in *Target Note 141* comprising *Prunus spinosa* (Blackthorn) and *Rubus fruticosus* agg. (Bramble) scrub with tall ruderal vegetation dominated by *Urtica dioica* (Common Nettle).

*Target Note 146.* Rough, species-poor grassland dominated by grasses including *Agrostis capillaris* (Common Bent), *Alopecurus pratensis* (Meadow Foxtail), *Festuca rubra* (Red Fescue), *Elytrigia repens* (Common Couch), *Holcus lanatus* (Yorkshire-fog), *Lolium perenne* (Perennial Rye-grass) and *Schedonorus arundinaceus* (Tall Fescue). It is slightly damp with scattered *Pulicaria dysenterica* (Common Fleabane) and *Rumex conglomeratus* (Clustered Dock).

*Target Note 147.* Species-poor pasture dominated by the grass *Agrostis capillaris* (Common Bent) with *Agrostis stolonifera* (Creeping Bent), *Festuca rubra* (Red Fescue), *Holcus lanatus* (Yorkshire-fog) and *Lolium perenne* (Perennial Rye-grass), and only a few forbs such as *Ranunculus repens* (Creeping Buttercup) and *Trifolium repens* (White Clover). It is probably referable to the NVC type **MG6 *Lolium perenne*-*Cynosurus cristatus* grassland**.

*Target Note 148.* A track with scattered mature *Quercus robur* (Pedunculate Oak) trees to the south and an ancient hedge to the north. The hedge is unmanaged and approximately 6-10 m high with a mixed shrub-layer of *Acer campestre* (Field Maple), *Corylus avellana* (Hazel) and *Crataegus monogyna* (Hawthorn). The field-layer is characterised by *Arum maculatum* (Lords-and-Ladies), *Silene dioica* (Red Campion) and *Urtica dioica* (Common Nettle), and also includes small amounts of *Hyacinthoides non-scripta* (Bluebell), *Phyllitis scolopendrium* (Hart's-tongue) and *Primula vulgaris* (Primrose).

*Target Note 149.* A hedge which comprises *Prunus spinosa* (Blackthorn) scrub with three mature *Quercus robur* (Pedunculate Oak) trees at the proposed crossing point. It doesn't have the structure of a hedge but it does connect with hedges on either side and thus forms a continuous corridor. The field-layer includes small amounts of *Arum maculatum* (Lords-and-Ladies), *Brachypodium sylvaticum* (False Brome), *Hyacinthoides non-scripta* (Bluebell) and *Primula vulgaris* (Primrose).

*Target Note 149a.* A corridor of dense *Prunus spinosa* (Blackthorn) scrub, possibly originating from parallel, overgrown hedges.

*Target Note 150.* Rough grassland which, though fairly species-poor, contains species usually associated with unimproved swards such as *Centaurea nigra* (Common Knapweed) and *Lathyrus pratensis* (Meadow Vetchling). The sward is dominated by coarse grasses such as *Agrostis capillaris* (Common Bent), *Agrostis stolonifera* (Creeping Bent), *Arrhenatherum elatius* (False Oat-grass), *Dactylis glomerata* (Cock's-foot) and *Holcus lanatus* (Yorkshire-fog), and there are a few additional forbs such as *Geranium dissectum* (Cut-leaved Crane's-bill), *Ranunculus repens* (Creeping Buttercup) and *Rumex acetosa* (Common Sorrel).

*Target Note 151.* A hedge with frequent semi-mature *Quercus robur* (Pedunculate Oak) standards, a dry ditch and a ground flora characterised by woodland species. The shrub-layer –

excluding trees – is about 2.5 m high and comprises abundant *Prunus spinosa* (Blackthorn) with *Corylus avellana* (Hazel), *Crataegus monogyna* (Hawthorn) and *Salix cinerea* (Grey Willow). Ground flora include *Arum maculatum* (Lords-and-Ladies), *Hyacinthoides non-scripta* (Bluebell), *Primula vulgaris* (Primrose) and *Stellaria holostea* (Greater Stitchwort).

*Target Note 152.* A hedge trimmed on its road side but overgrown to a height of about 5-10 m. It is growing on a half bank and comprises a mixture of *Acer campestre* (Field Maple), *Corylus avellana* (Hazel), *Crataegus monogyna* (Hawthorn), *Prunus spinosa* (Blackthorn) and *Rosa canina* (Dog-rose), with a field-layer dominated by *Hedera helix* (Ivy), though the woodland herbs *Arum maculatum* (Lords-and-Ladies), *Brachypodium sylvaticum* (False Brome) and *Hyacinthoides non-scripta* (Bluebell) are also present. Just east of the proposed crossing point, the bank widens and there are several *Quercus robur* (Pedunculate Oak) trees forming a narrow corridor of woodland.

*Target Note 153.* A roadside hedge that is trimmed to about 1.7 m high or left to grow to a height of 5-10 m. The shrub-layer is fairly thin, though dominated by *Crataegus monogyna* (Hawthorn) and *Prunus spinosa* (Blackthorn), and the field-layer largely comprises *Hedera helix* (Ivy). The road bank widens to the west and has been planted with *Betula pendula* (Silver Birch), *Pinus sylvestris* (Scots Pine) and *Salix caprea/cinerea* (a Willow) trees which are about 15 years old.

*Target Note 154.* A 1 km section of the route between Horn Lane and the A281 was not accessed. From public highways and footpaths it would appear that the fields crossed are improved or poor semi-improved and enclosed by hedges. At least five hedges and possibly two small streams are crossed.

*Target Note 155.* A bank dominated by *Pteridium aquilinum* (Bracken) and a road verge of rough grassland and *Urtica dioica* (Common Nettle).

*Target Note 156.* A leggy roadside hedge about 3 m tall dominated by *Crataegus monogyna* (Hawthorn) with *Ulmus procera* (English Elm). A bank to the north supports additional shrubs and a few mature *Larix* species (a Larch), *Pinus* species (a Pine) and *Quercus robur* (Pedunculate Oak) trees. The field-layer on the bank comprises abundant *Hedera helix* (Ivy) and frequent *Hyacinthoides non-scripta* (Bluebell) with *Alliaria petiolata* (Garlic Mustard), *Arum maculatum* (Lords-and-Ladies) and *Viola odorata* (Sweet Violet).

*Target Note 157.* An unmanaged hedge some 5 m high and wide comprising *Prunus spinosa* (Blackthorn) with frequent *Corylus avellana* (Hazel) and small amounts of *Crataegus monogyna* (Hawthorn) and *Salix cinerea* (Grey Willow). There are single trees of *Fraxinus excelsior* (Ash) and *Quercus robur* (Pedunculate Oak). The species-poor field-layer is characterised by *Rubus fruticosus* agg. (Bramble) and *Urtica dioica* (Common Nettle).

*Target Note 158.* Young planted *Tilia* species (a Lime) trees, about 10 years old, and suckering *Ulmus procera* (English Elm) within a narrow, fenced enclosure.

*Target Note 159.* Rough grassland comprising a handful of ubiquitous species such as the grasses *Agrostis capillaris* (Common Bent) and *Lolium perenne* (Perennial Rye-grass), the forb *Ranunculus repens* (Creeping Buttercup) and the moss *Brachythecium rutabulum*, with damp areas having some *Juncus* cf. *articulatus* (Jointed Rush).

*Target Note 160.* A slow-flowing stream about 1 m wide at the bottom of 35° 2.5 m plus high banks. The bank vegetation consists of semi-ruderal species such as *Arrhenatherum elatius* (False Oat-grass), *Rubus fruticosus* agg. (Bramble) and *Urtica dioica* (Common Nettle), while the channel itself contains some *Apium nodiflorum* (Fool's Water-cress), *Iris pseudacorus* (Yellow Iris), *Oenanthe crocata* (Hemlock Water-dropwort) and *Sparganium erectum* (Branched Bur-reed). East of the proposed crossing point the stream is shaded by *Alnus glutinosa* (Alder) trees.

*Target Note 161.* A turbid, artificial pond with some *Juncus* cf. *articulatus* (Jointed Rush) and *Typha latifolia* (Bulrush) at the margins but no other species of note.

*Target Note 162.* Species-poor marshy grassland dominated by tussocks of *Juncus effusus* (Soft-rush) and, to a lesser extent, *Deschampsia cespitosa* (Tufted Hair-grass). The field-layer

between tussocks is largely made-up of the grasses *Agrostis stolonifera* (Creeping Bent) and *Holcus lanatus* (Yorkshire-fog), and the forb *Ranunculus repens* (Creeping Buttercup). Additional species in small amounts include *Angelica sylvestris* (Wild Angelica), *Carex* cf. *leporina* (Oval Sedge), *Cirsium palustre* (Marsh Thistle), *Galium palustre* (Common Marsh-bedstraw), *Pulicaria dysenterica* (Common Fleabane) and *Stellaria alsine* (Bog Stitchwort). This is possibly a species-poor example of **M23b *Juncus effusus*/lacutiflorus-Galium palustre rush-pasture, *Juncus effusus* sub-community**. In the south-west corner of the field (outside the proposed working width), the grassland is notable for having *Carex paniculata* (Greater Tussock-sedge) and *Molinia caerulea* (Purple Moor-grass), which is not that common in south-east England.

*Target Note 163.* A wooden-fenced paddock containing species-poor grassland mown to 0.05 m tall. The sward is dominated by *Agrostis capillaris* (Common Bent) together with a limited range of other grasses and broad-leaved herbs including *Holcus lanatus* (Yorkshire-fog), *Ranunculus repens* (Creeping Buttercup) and *Trifolium repens* (White Clover). The western side of the field is damp with *Agrostis stolonifera* (Creeping Bent) replacing some of the other grasses.

*Target Note 164.* Ancient semi-natural woodland with a canopy of *Alnus glutinosa* (Alder) and *Quercus robur* (Pedunculate Oak), a shrub-layer of *Corylus avellana* (Hazel) and a field-layer of *Hyacinthoides non-scripta* (Bluebell).

*Target Note 165.* A shallow, stagnant ditch over-shaded by trees and shrubs on its east bank including *Crataegus monogyna* (Hawthorn), *Fraxinus excelsior* (Ash), *Quercus robur* (Pedunculate Oak) and *Prunus spinosa* (Blackthorn).

*Target Note 166.* A gappy, unmanaged hedge similar to *Target Note 170*.

*Target Note 167.* Mown, species-poor grassland dominated by coarse grasses such as *Arrhenatherum elatius* (False Oat-grass) and *Holcus lanatus* (Yorkshire-fog) with *Ranunculus repens* (Creeping Buttercup).

*Target Note 168.* A shallow, muddy stream about 4 m wide and full of emergent vegetation such as *Apium nodiflorum* (Fool's Water-cress) and *Sparganium erectum* (Branched Bur-reed) with small amounts of *Glyceria fluitans* (Floating Sweet-grass), *Mentha aquatica* (Water Mint). The margins support scattered bushes of *Salix cinerea* (Grey Willow) with herbs including *Epilobium hirsutum* (Great Willowherb) and *Oenanthe crocata* (Hemlock Water-dropwort).

*Target Note 169.* Rough grassland comprising very limited range of species including the grasses *Alopecurus pratensis* (Meadow Foxtail), *Dactylis glomerata* (Cock's-foot) and *Holcus lanatus* (Yorkshire-fog), and the forbs *Ranunculus repens* (Creeping Buttercup) and *Urtica dioica* (Common Nettle). Marshy grassland to the south of the stream contains *Juncus effusus* (Soft-rush) and is referable to the NVC type **MG10 *Holcus lanatus*-*Juncus effusus* rush-pasture**.

*Target Note 170.* An unmanaged field hedge about 5 m high and wide comprising *Prunus spinosa* (Blackthorn) with *Corylus avellana* (Hazel), *Crataegus monogyna* (Hawthorn) and *Salix caprea/cinerea* (a Willow) among others. It has a sparse field-layer of *Arum maculatum* (Lords-and-Ladies), *Silene dioica* (Red Campion) and *Urtica dioica* (Common Nettle).

*Target Note 171.* A hedge on a trackside bank trimmed to a height and width of about 1.4 m. The shrub-layer comprises mostly *Corylus avellana* (Hazel) with *Crataegus monogyna* (Hawthorn), *Prunus spinosa* (Blackthorn), *Sambucus nigra* (Elder) and one or two *Fraxinus excelsior* (Ash) and *Ilex aquifolium* (Holly). The field-layer is characterised by abundant *Hyacinthoides non-scripta* (Bluebell) and frequent *Silene dioica* (Red Campion) underneath the hedge with a strip of **MG1b** along the track edge.

*Target Note 171a.* A hedge similar to *Target Note 171*.

*Target Note 172.* A hedge similar to *Target Note 171* but strongly dominated by *Corylus avellana* (Hazel) at the crossing point.

*Target Note 173.* A small stream about 0.5 m wide, 0.1 m deep and with 45° 1.5 m high banks. The banks support rough grasses, tall ruderals such as *Cirsium arvense* (Creeping Thistle) and *Urtica dioica* (Common Nettle), and *Rubus fruticosus* agg. (Bramble) while the channel itself contains only scattered *Oenanthe crocata* (Hemlock Water-dropwort). There is one mature *Quercus robur* (Pedunculate Oak) tree and scattered bushes of *Crataegus monogyna* (Hawthorn) and *Sambucus nigra* (Elder) alongside.

*Target Note 174.* Semi-natural woodland enclosed by wood banks and ditches. It has a mature canopy of *Fraxinus excelsior* (Ash) and a shrub-layer of *Corylus avellana* (Hazel) and *Salix caprea/cinerea* (a Willow), with several ancient woodland herbs in the field-layer on the wood banks including *Adoxa moschatellina* (Moschatel), *Arum maculatum* (Lords-and-Ladies), *Brachypodium sylvaticum* (False Brome), *Hyacinthoides non-scripta* (Bluebell) and *Silene dioica* (Red Campion). There is some *Iris pseudacorus* (Yellow Iris) growing in a shallow woodland pond. The woodland is referable to the NVC type **W8 *Fraxinus excelsior*-*Acer campestre*-*Mercurialis perennis* woodland**.

*Target Note 175.* A field hedge trimmed to 1.8 m high and 1.5 m wide. It is dominated by *Crataegus monogyna* (Hawthorn) with *Rubus fruticosus* agg. (Bramble) mixed in and also contains, in decreasing amounts, *Sambucus nigra* (Elder), *Prunus spinosa* (Blackthorn) and *Rosa canina* (Dog-rose). There are a few shrubs of *Acer campestre* (Field Maple), *Cornus sanguinea* (Dogwood) and *Corylus avellana* (Hazel). The field-layer largely comprises *Urtica dioica* (Common Nettle) with *Arum maculatum* (Lords-and-Ladies) and *Galium aparine* (Cleavers).

*Target Note 176.* A species-poor field hedge dominated by *Crataegus monogyna* (Hawthorn) and *Prunus spinosa* (Blackthorn) with an adjacent ditch containing little water.

*Target Note 177.* A species-poor field hedge mechanically trimmed to about 1.7 m high and 1.3 m wide with a dry, recently cleared ditch at its base. The hedge is strongly dominated by *Crataegus monogyna* (Hawthorn) and *Prunus spinosa* (Blackthorn) with only a few *Rosa canina* (Dog-rose) bushes and one *Quercus robur* (Pedunculate Oak) tree, however, the field-layer does contain some *Arum maculatum* (Lords-and-Ladies), *Hyacinthoides non-scripta* (Bluebell) and *Silene dioica* (Red Campion).

*Target Note 178.* A line of semi-mature *Quercus robur* (Pedunculate Oak) trees with a hedge along the base containing *Acer campestre* (Field Maple), *Euonymus europaeus* (Spindle), *Prunus spinosa* (Blackthorn) and *Crataegus monogyna* (Hawthorn). The field-layer contains frequent *Galium aparine* (Cleavers) and *Hyacinthoides non-scripta* (Bluebell) with *Arum maculatum* (Lords-and-Ladies) and *Primula vulgaris* (Primrose). A small pond surrounded by mature Oaks lies just east of the hedge.

*Target Note 179.* A mechanically trimmed hedge about 1.5 m in height comprising a mixture of *Crataegus monogyna* (Hawthorn) and *Ulmus procera* (English Elm) with *Acer campestre* (Field Maple) and *Euonymus europaeus* (Spindle). It has an adjacent dry ditch and some *Arum maculatum* (Lords-and-Ladies) and *Hyacinthoides non-scripta* (Bluebell) in the field-layer.

*Target Note 180.* A field hedge with a 20 m or so gap at the southern end where *Ulmus* species (an Elm) trees have died. The rest of the hedge is 4 m tall with abundant *Prunus spinosa* (Blackthorn), a single *Quercus robur* (Pedunculate Oak) tree and only small amounts of other shrub species. The hedge base is thick with *Rubus fruticosus* agg. (Bramble) and Blackthorn suckers so the field-layer is species-poor. A ditch beside the hedge has been cleared recently and is largely dry.

*Target Note 181.* A field hedge trimmed to about 1.7 m high and 1.5 m wide with a few *Quercus robur* (Pedunculate Oak) standards and a dry ditch. It has a mixed shrub-layer of *Acer campestre* (Field Maple), *Crataegus monogyna* (Hawthorn), *Prunus spinosa* (Blackthorn) and *Rosa canina* (Dog-rose) together with small amounts of *Corylus avellana* (Hazel), *Crataegus monogyna* (Hawthorn) and *Euonymus europaeus* (Spindle), whereas the field-layer is species-poor.

*Target Note 182.* Ancient semi-natural woodland with a canopy dominated by mature *Quercus robur* (Pedunculate Oak) standards and younger *Fraxinus excelsior* (Ash) trees. The wood has a continuous ground cover of *Hyacinthoides non-scripta* (Bluebell) together with other ancient

woodland indicators such as *Anemone nemorosa* (Wood Anemone) and *Primula vulgaris* (Primrose). It is referable to the NVC type **W8 *Fraxinus excelsior*-*Acer campestre*-*Mercurialis perennis* woodland**.

*Target Note 183.* A field hedge trimmed to a height and width of about 1.5. It is dominated by *Crataegus monogyna* (Hawthorn) and *Prunus spinosa* (Blackthorn) with *Rosa canina* (Dog-rose), and has a ground flora characterised by *Hedera helix* (Ivy) with occasional *Arum maculatum* (Lords-and-Ladies), *Hyacinthoides non-scripta* (Bluebell) and *Urtica dioica* (Common Nettle). There is a dry ditch on the south side.

*Target Note 184.* Species-poor grassland with a rough sward dominated by grasses such as *Agrostis stolonifera* (Creeping Bent), *Arrhenatherum elatius* (False Oat-grass), *Cynosurus cristatus* (Crested Dog's-tail), *Holcus lanatus* (Yorkshire-fog) and *Lolium perenne* (Perennial Rye-grass). Among broad-leaved herbs, *Geranium dissectum* (Cut-leaved Crane's-bill), *Hypochaeris radicata* (Cat's-ear) and *Trifolium repens* (White Clover) are frequent.

*Target Note 185.* A 1.7 m hedge dominated by *Prunus spinosa* (Blackthorn) with *Crataegus monogyna* (Hawthorn) and *Rosa canina* (Dog-rose). The hedge doesn't extend for the entire field boundary and is replaced by a fence, but there is a ditch for the whole length. It is approximately 0.6 m wide and 0.1 m deep, and contains lots of algae. However, it also contains *Phalaris arundinacea* (Reed Canary-grass) and *Oenanthe crocata* (Hemlock Water-dropwort) together with small amounts of *Barbarea vulgaris* (Winter-cress), *Cardamine pratensis* (Cuckooflower) and *Filipendula ulmaria* (Meadowsweet).

*Target Note 186.* Species-poor grassland on the flood plain of a river dominated by rough grasses such as *Alopecurus pratensis* (Meadow Foxtail) with few forbs.

*Target Note 187.* A slow-flowing river about 5 m wide and probably more than 1 m deep, though the water was too turbid to see to the bottom, with 1-1.5 m high, grassy banks. There are scattered patches of *Phalaris arundinacea* (Reed Canary-grass) at the water margins together with frequent *Oenanthe crocata* (Hemlock Water-dropwort) and occasional *Mentha aquatica* (Water Mint).

*Target Note 188.* A species-poor field hedge trimmed to a height and width of about 2 m and dominated by *Prunus spinosa* (Blackthorn) with *Crataegus monogyna* (Hawthorn). The field-layer underneath the hedge is quite sparse and mainly consists of *Arum maculatum* (Lords-and-Ladies), *Galium aparine* (Cleavers) and *Hedera helix* (Ivy). A shallow wet drain along the southern side of the hedge supports a stand of *Carex riparia* (Greater Pond-sedge) with frequent *Oenanthe crocata* (Hemlock Water-dropwort).

*Target Note 189.* A dense, species-poor *Prunus spinosa* (Blackthorn) hedge trimmed to about 1.5 m high and 2 m wide. There is occasional *Rosa canina* (Dog-rose) and a single *Quercus robur* (Pedunculate Oak) tree, and the field-layer contains some *Arum maculatum* (Lords-and-Ladies) and *Hyacinthoides non-scripta* (Bluebell). There is an adjacent dry ditch.

*Target Note 190.* A hedge similar to *Target Note 189*. However, it is slightly wider and *Crataegus monogyna* (Hawthorn) is co-dominant with *Prunus spinosa* (Blackthorn).

*Target Note 191.* A 2 m high hedge comprising a mixture of *Acer campestre* (Field Maple), *Crataegus monogyna* (Hawthorn), *Prunus spinosa* (Blackthorn) and *Rosa canina* (Dog-rose) with frequent *Quercus robur* (Pedunculate Oak) standards. The sparse field-layer does, however, contain some *Arum maculatum* (Lords-and-Ladies) and *Hyacinthoides non-scripta* (Bluebell).

*Target Notes 192-216.* NUMBERS NOT USED.

*Target Note 217.* Woodland with a light tree-cover of semi-mature *Quercus robur* (Pedunculate Oak) and young *Fraxinus excelsior* (Ash). Rough grasses and tall herbs make-up much of the field-layer, though there are small amounts of *Ficaria verna* (Lesser Celandine) and *Primula vulgaris* (Primrose). There are small drains along the north and south edges but they hold little water and no aquatic vegetation.

*Target Note 218.* A species-poor field hedge trimmed to a height and width of about 1.6 m and dominated by *Prunus spinosa* (Blackthorn) with *Crataegus monogyna* (Hawthorn) and one or two *Quercus robur* (Pedunculate Oak) and *Rosa canina* (Dog-rose).

*Target Note 219.* Species-poor rough grassland dominated by *Arrhenatherum elatius* (False Oat-grass) and other grasses such as *Agrostis stolonifera* (Creeping Bent), *Dactylis glomerata* (Cock's-foot), *Elytrigia repens* (Common Couch) and *Festuca rubra* (Red Fescue). *Geranium dissectum* (Cut-leaved Crane's-bill), *Ranunculus acris* (Meadow Buttercup) and *Ranunculus repens* (Creeping Buttercup) are among the few broad-leaved herbs.

*Target Note 220.* A field hedge dominated by *Crataegus monogyna* (Hawthorn) and *Prunus spinosa* (Blackthorn) with occasional *Sambucus nigra* (Elder) and trimmed to around 1.5 m high and 2 m wide. The hedge is on a low bank which supports some *Arum maculatum* (Lords-and-Ladies) and *Hyacinthoides non-scripta* (Bluebell) in the field-layer.

*Target Note 221.* Rough, semi-ruderal grassland on the floodplain of Herrings Stream. It has a tussocky sward of *Agrostis stolonifera* (Creeping Bent) and *Holcus lanatus* (Yorkshire-fog), mainly, with abundant tall ruderals such as *Cirsium arvense* (Creeping Thistle), *Rumex crispus* (Curled Dock), *Rumex obtusifolius* (Broad-leaved Dock) and *Urtica dioica* (Common Nettle).

*Target Note 222.* A slow-flowing river about 5 m wide and over 1.5 m deep. The banks are initially steep at the water margins and then rise at 15° to approximately 2 m above water-level. The lower banks and water margins support *Phragmites australis* (Common Reed) with *Ficaria verna* (Lesser Celandine), *Oenanthe crocata* (Hemlock Water-dropwort) and *Urtica dioica* (Common Nettle) typical of the NVC type **S26 *Phragmites australis*-*Urtica dioica* tall-herb fen**. In the water, aquatic vegetation including *Nymphaea alba* (White Water-lily) and cf. *Sparganium erectum* (Branched Bur-reed) was in the early stages of development.

*Target Note 223.* An area of tall-herb vegetation containing abundant *Phalaris arundinacea* (Reed Canary-grass) together with *Urtica dioica* (Common Nettle), rough grasses and *Juncus effusus* (Soft-rush). It is probably referable to the NVC type **S28c *Phalaris arundinacea* tall-herb fen, *Elymus repens*-*Holcus lanatus* sub-community**.

*Target Note 224.* A new *Crataegus monogyna* (Hawthorn) hedge approximately 5 years old.

*Target Note 225.* Species-poor grassland dominated by the coarse grass *Elytrigia repens* (Common Couch) with abundant *Ranunculus repens* (Creeping Buttercup).

*Target Note 226.* A field hedge about 1.4 m high and 1.6 m wide on a bank with an adjacent ditch. The hedge is dominated by *Crataegus monogyna* (Hawthorn) and *Prunus spinosa* (Blackthorn) with a few *Rosa canina* (Dog-rose) shrubs and small *Quercus robur* (Pedunculate Oak) trees, and the field-layer is species-poor. The ditch is damp rather than wet and contains abundant *Juncus effusus* (Soft-rush).

*Target Notes 227-245.* NUMBERS NOT USED.

*Target Note 246.* A 5-6 m wide river similar in most respects to the river described in *Target Note 187*.

*Target Note 247.* Very species-poor grassland dominated by coarse grasses such as *Agrostis stolonifera* (Creeping Bent), *Alopecurus pratensis* (Meadow Foxtail) and *Poa trivialis* (Rough Meadow-grass).

*Target Note 248.* A fallow arable field with 10 m wide margins of **MG1a *Arrhenatherum elatius* grassland, *Festuca rubra* sub-community**. The previously cultivated ground is being colonized by grasses such as *Agrostis stolonifera* (Creeping Bent), *Festuca rubra* (Red Fescue) and *Holcus lanatus* (Yorkshire-fog) with broad-leaved weeds such as *Epilobium* species (Willowherb seedlings) and *Geranium dissectum* (Cut-leaved Crane's-bill) in the gaps.

*Target Note 249.* A dense, species-poor *Prunus spinosa* (Blackthorn) hedge about 2.5 m high and wide with a field-layer of bare earth and leaf litter. There is a dry ditch along its northern side.

*Target Note 250.* Species-poor grassland probably derived from fallow arable. It has a closed sward comprising the grasses *Agrostis capillaris* (Common Bent), *Festuca rubra* (Red Fescue) and *Holcus lanatus* (Yorkshire-fog) together with a handful of forbs such as *Helminthotheca echinoides* (Bristly Oxtongue), *Ranunculus repens* (Creeping Buttercup) and *Trifolium repens* (White Clover).

*Target Note 252.* A hedge similar to *Target Note 249*, though it is slightly gappy at the proposed crossing point and there are mature *Quercus robur* (Pedunculate Oak) trees at its eastern end.

*Target Note 253.* Species-poor grassland similar to *Target Note 250*.

*Target Note 254.* A species-poor field hedge about 3.5 m high and 3 m wide with a few mature *Quercus robur* (Pedunculate Oak) trees and a dry ditch. The hedge is strongly dominated by *Prunus spinosa* (Blackthorn) along with *Rosa canina* (Dog-rose) and small amounts of *Crataegus monogyna* (Hawthorn) and *Ligustrum vulgare* (Wild Privet). The field-layer includes *Arum maculatum* (Lords-and-Ladies), *Hedera helix* (Ivy) and *Urtica dioica* (Common Nettle).

*Target Note 256.* Species-poor grassland similar to *Target Note 250*.

*Target Note 257.* A new broad-leaved plantation, approximately 10 years old, comprising a mixture of native trees and shrubs including *Acer campestre* (Field Maple), *Betula pendula* (Silver Birch), *Crataegus monogyna* (Hawthorn) and *Fraxinus excelsior* (Ash).

*Target Note 258.* A triangular area of scrub and mature *Quercus robur* (Pedunculate Oak) trees between two fields with dry ditches along the boundaries. The area is notable for the mature trees and their associated ground flora, which include the woodland herbs *Mercurialis perennis* (Dog's Mercury) and *Primula vulgaris* (Primrose).

*Target Note 259.* A 30 m length of hedge alongside a track containing *Crataegus monogyna* (Hawthorn), *Prunus spinosa* (Blackthorn), *Rosa canina* (Dog-rose) and one or two *Ligustrum vulgare* (Wild Privet) shrubs.

*Target Note 260.* A 30 m section of hedge parallel to *Target Note 259* comprising a mixture of *Acer campestre* (Field Maple), *Crataegus monogyna* (Hawthorn), *Prunus spinosa* (Blackthorn) and *Rosa canina* (Dog-rose) with *Ligustrum vulgare* (Wild Privet). On the northern side there is a dry ditch to the north with *Rosa canina* (Dog-rose) and *Rubus fruticosus* agg. (Bramble) scrub on its far bank.

*Target Note 264.* A pond surrounded by dense *Crataegus monogyna* (Hawthorn) and *Prunus spinosa* (Blackthorn) scrub together with *Salix caprea/cinerea* (a Willow) bushes and a few mature *Quercus robur* (Pedunculate Oak) trees. The field-layer of the scrub includes the woodland herbs *Hyacinthoides non-scripta* (Bluebell), *Mercurialis perennis* (Dog's Mercury) and *Primula vulgaris* (Primrose), but the pond is so heavily shaded that it is of negligible botanical interest.

*Target Note 265.* A plantation of *Populus ×canadensis* (Hybrid Black-poplar) and *Populus trichocarpa* (Western Balsam-poplar) screening the Bolney Substation with a tall, leggy *Crataegus monogyna* (Hawthorn) hedge along its edge.

*Target Note 270.* Fallow arable land that has developed into species-poor grassland. It has a grassy sward comprising *Holcus lanatus* (Yorkshire-fog) and other grasses such as *Agrostis stolonifera* (Creeping Bent) and *Festuca rubra* (Red Fescue) together with the semi-ruderal forb *Helminthotheca echinoides* (Bristly Oxtongue).

*Target Note 270a.* A newly planted hedge.

*Target Note 271.* A hedge comprising a line of *Quercus robur* (Pedunculate Oak) trees about 15 m tall over a shrub-layer of *Prunus spinosa* (Blackthorn) with *Acer campestre* (Field Maple) and *Crataegus monogyna* (Hawthorn). The field-layer is fairly sparse, though there are scattered plants of *Arum maculatum* (Lords-and-Ladies), *Iris foetidissima* (Stinking Iris) and *Primula vulgaris* (Primrose). There is a dry ditch along the east side.

*Target Note 272.* Species-poor rough grassland with a patch of *Urtica dioica* (Common Nettle) with *Rumex obtusifolius* (Broad-leaved Dock). The grassland sward is dominated by a mixture of *Agrostis capillaris* (Common Bent) and *Holcus lanatus* (Yorkshire-fog) with *Elytrigia repens* (Common Couch), *Lolium perenne* (Perennial Rye-grass) and *Phleum pratense* (Timothy) among the other grasses. Forbs include *Geranium dissectum* (Cut-leaved Crane's-bill), *Ranunculus repens* (Creeping Buttercup), *Trifolium repens* (White Clover) and *Vicia sativa* (Common Vetch).

*Target Note 273.* A double fence-line enclosing a strip of **MG1b** with scattered scrub.

*Target Note 274.* Rough improved or poor-semi-improved grassland strongly dominated by the grasses *Dactylis glomerata* (Cock's-foot), *Holcus lanatus* (Yorkshire-fog) and *Phleum pratense* (Timothy).

*Target Note 275.* A dense, wide hedge about 5-6 m high and 6-10 m wide with a few mature *Quercus robur* (Pedunculate Oak) standards. It largely consists of *Prunus spinosa* (Blackthorn) suckers that have outgrown the original hedge – a line of leggy *Crataegus monogyna* (Hawthorn) shrubs along the north edge –, together with other species at low abundances including *Cornus sanguinea* (Dogwood), *Fraxinus excelsior* (Ash), *Ligustrum vulgare* (Wild Privet), *Rosa canina* (Dog-rose) and *Salix cinerea* (Grey Willow). The field-layer is generally sparse but with a scatter of grasses, *Arum maculatum* (Lords-and-Ladies), *Mercurialis perennis* (Dog's Mercury), *Rumex sanguineus* (Wood Dock), *Urtica dioica* (Common Nettle) and *Viola riviniana* (Common Dog-violet).

*Target Note 276.* A narrow corridor of possibly ancient woodland dominated by mature *Quercus robur* (Pedunculate Oak) trees and with hedges along both sides. The field-layer contains abundant *Hyacinthoides non-scripta* (Bluebell), *Mercurialis perennis* (Dog's Mercury) and *Primula vulgaris* (Primrose).

*Target Note 277.* Species-poor horse pasture dominated by *Agrostis capillaris* (Common Bent) with other grasses such as *Holcus lanatus* (Yorkshire-fog), *Lolium perenne* (Perennial Rye-grass) and *Phleum bertolonii* (Smaller Cat's-tail). Among broad-leaved herbs, *Prunella vulgaris* (Selfheal) and *Trifolium repens* (White Clover) are frequent and *Lotus corniculatus* (Common Bird's-foot-trefoil) and *Potentilla reptans* (Creeping Cinquefoil) are occasional. It is probably referable to the NVC type **MG6a *Lolium perenne*-*Cynosurus cristatus* grassland, typical sub-community**.

*Target Note 277a.* A narrow strip of woodland comprising mostly semi-mature *Fraxinus excelsior* (Ash) trees over a shrub-layer including *Acer campestre* (Field Maple), *Corylus avellana* (Hazel) and *Prunus spinosa* (Blackthorn). The field-layer is a carpet of *Hedera helix* (Ivy) with frequent *Mercurialis perennis* (Dog's Mercury) and *Rubus fruticosus* agg. (Bramble) and occasional *Brachypodium sylvaticum* (False Brome). It is referable to the NVC type **W8d *Fraxinus excelsior*-*Acer campestre*-*Mercurialis perennis* woodland, *Hedera helix* sub-community**.

*Target Note 277b.* A dry pond shaded by a mature *Quercus robur* (Pedunculate Oak) together with younger *Fraxinus excelsior* (Ash) trees and *Salix cinerea* (Grey Willow) bushes.

*Target Note 277c.* A hedge comprising a line of young *Fraxinus excelsior* (Ash) trees about 15 m tall over a shrub-layer of mostly *Crataegus monogyna* (Hawthorn) and *Prunus spinosa* (Blackthorn). There is a bank and a shallow, dry ditch. The field-layer consists of bare earth and grasses with some *Brachypodium sylvaticum* (False Brome) and *Mercurialis perennis* (Dog's Mercury).

*Target Note 277d.* A large area of ancient woodland dominated in the canopy by mature *Quercus robur* (Pedunculate Oak) with *Fraxinus excelsior* (Ash). It has a well-developed shrub-layer including *Acer campestre* (Field Maple), *Crataegus monogyna* (Hawthorn) and *Prunus spinosa* (Blackthorn). The field-layer was mostly leaf litter at the time of survey, though there was frequent *Mercurialis perennis* (Dog's Mercury) suggesting that this species and probably *Hyacinthoides non-scripta* (Bluebell) – which is common in the area – are the dominant ground flora in spring. This wood is broadly referable to the NVC type **W8 *Fraxinus excelsior*-*Acer campestre*-*Mercurialis perennis* woodland**.

*Target Note 277e.* Rough, semi-improved grassland with a species-poor sward dominated by grasses such as *Agrostis capillaris* (Common Bent), *Schedonorus arundicaceus* (Tall Fescue) and *Trisetum flavescens* (Yellow Oat-grass). There are few broad-leaved herbs, of which *Ranunculus acris* (Meadow Buttercup) and *Trifolium repens* (White Clover) are most frequent.

*Target Note 277f.* A narrow woodland strip dominated by mature *Quercus robur* (Pedunculate Oak) – mostly growing on a woodbank along the northern side – with young *Carpinus betulus* (Hornbeam) and *Fraxinus excelsior* (Ash). The field-layer contains abundant *Mercurialis perennis* (Dog's Mercury) and frequent *Brachypodium sylvaticum* (False Brome) and *Rubus fruticosus* agg. (Bramble), together with small amounts of *Daphne laureola* (Spurge-laurel) and *Viola reichenbachiana/riviniana* (a Dog-violet). It is probably referable to the NVC type **W8a *Fraxinus excelsior*-*Acer campestre*-*Mercurialis perennis* woodland, *Primula vulgaris*-*Glechoma hederacea* sub-community.**

*Target Note 277g.* A hedge about 4 m high and wide with a few taller, mature *Quercus robur* (Pedunculate Oak) trees. The shrub-layer is slightly leggy at the base and comprises *Crataegus monogyna* (Hawthorn) and *Prunus spinosa* (Blackthorn) with smaller amounts of *Acer campestre* (Field Maple), *Cornus sanguinea* (Dogwood), *Corylus avellana* (Hazel), *Ligustrum vulgare* (Wild Privet) and *Rosa canina* (Dog-rose). The field-layer is grazed by cattle and has patches of bare earth. Species recorded include *Brachypodium sylvaticum* (False Brome), *Geum urbanum* (Wood Avens), *Glechoma hederacea* (Ground-ivy) and *Mercurialis perennis* (Dog's Mercury).

*Target Note 277h.* A strip of unimproved grassland along the edge of a field adjacent to ancient woodland, mostly within the canopy spread of the woodland trees, which grades into semi-improved grassland further infield. The grassland has a fine-leaved sward comprising *Agrostis capillaris* (Common Bent), *Festuca ovina/rubra* (a Fescue) and *Trisetum flavescens* (Yellow Oat-grass) together with a wide range of grassland and woodland forbs. These include *Ajuga reptans* (Bugle), *Cerastium fontanum* (Common Mouse-ear), *Lotus corniculatus* (Common Bird's-foot-trefoil), *Leontodon hispidus* (Rough Hawkbit), *Potentilla reptans* (Creeping Cinquefoil), *Potentilla sterilis* (Barren Strawberry), *Prunella vulgaris* (Selfheal), *Rumex acetosa* (Common Sorrel), *Viola hirta* (Hairy Violet) and *Viola reichenbachiana/riviniana* (a Dog-violet).

*Target Note 277i.* Part of the wood described in *Target Note 277d* which, instead of a canopy of mature *Quercus robur* (Pedunculate Oak), is largely dominated by *Fraxinus excelsior* (Ash) trees about 30 years old. The field-layer also has more abundant *Rubus fruticosus* agg. (Bramble).

*Target Note 277j.* A narrow woodland strip similar to *Target Note 277f*.

*Target Note 277k.* An overgrown hedge with a bank and a shallow, dry ditch. At the east end it has a shrub-layer about 5 m high and 3 m wide comprising mostly *Crataegus monogyna* (Hawthorn) and *Prunus spinosa* (Blackthorn) with young *Quercus robur* (Pedunculate Oak) trees and a few mature *Fraxinus excelsior* (Ash) and Oak trees. The west end is wider and supports frequent mature *Quercus robur* (Pedunculate Oak) standards giving the hedge a similar character to woodland strips described in *Target Notes 277f* and *277j*. The field-layer here has abundant *Mercurialis perennis* (Dog's Mercury) with *Brachypodium sylvaticum* (False Brome), *Daphne laureola* (Spurge-laurel) and *Viola odorata* (Sweet Violet).

*Target Note 277l.* Rough, semi-improved cattle pasture dominated by a mixture of the grasses *Agrostis capillaris* (Common Bent), *Cynosurus cristatus* (Crested Dog's-tail), *Festuca rubra* (Red Fescue), *Schedonorus arundicaceus* (Tall Fescue) and *Trisetum flavescens* (Yellow Oat-grass). There is frequent *Trifolium pratense* (Red Clover), occasional *Lotus corniculatus* (Common Bird's-foot-trefoil) and infrequent *Carex flacca* (Glaucous Sedge) and *Lathyrus pratensis* (Meadow Vetchling). This grassland is possibly referable to the NVC type **MG6c *Lolium perenne*-*Cynosurus cristatus* grassland, *Trisetum flavescens* sub-community.**

*Target Note 277m.* A pond shaded by mature *Quercus robur* (Pedunculate Oak) trees along its eastern side and more open along its western side with a marginal fringe of *Typha latifolia* (Bulrush). The water surface is largely dominated by *Lemna minor* (Common Duckweed).

*Target Note 277n.* A dry ditch dominated by *Rubus fruticosus* agg. (Bramble) and *Urtica dioica* (Common Nettle) together with *Prunus spinosa* (Blackthorn) scrub.

*Target Note 277o.* Patches of *Rubus fruticosus* agg. (Bramble) scrub with *Cirsium arvense* (Creeping Thistle), *Sambucus nigra* (Elder) and *Urtica dioica* (Common Nettle).

*Target Note 277p.* A scruffy, unmanaged hedge comprising leggy shrubs including *Acer campestre* (Field Maple), *Crataegus monogyna* (Hawthorn) and *Prunus spinosa* (Blackthorn) with a few *Quercus robur* (Pedunculate Oak) trees and patches of *Rubus fruticosus* agg. (Bramble) scrub at the base.

*Target Note 277q.* A bank supporting weedy vegetation dominated by *Pulicaria dysenterica* (Common Fleabane) with *Cirsium arvense* (Creeping Thistle) and *Senecio* cf. *jacobaea* (Common Ragwort).

*Target Note 278.* A field hedge trimmed to a height and width of about 2.5 m and comprising mainly *Crataegus monogyna* (Hawthorn) and *Prunus spinosa* (Blackthorn) with small amounts of *Quercus robur* (Pedunculate Oak) and *Rosa canina* (Dog-rose). The field-layer is sparse and there is a dry ditch along its east side.

*Target Note 279.* A dense, well-maintained hedge about 1.6 m high and wide overtopped by a few *Quercus robur* (Pedunculate Oak) standards. The main shrub species are *Crataegus monogyna* (Hawthorn) and *Prunus spinosa* (Blackthorn) together with various amounts of *Acer campestre* (Field Maple), *Cornus sanguinea* (Dogwood), *Euonymus europaeus* (Spindle), *Fraxinus excelsior* (Ash), *Ligustrum vulgare* (Wild Privet) and *Rosa canina* (Dog-rose). The field-layer is grassy, but with woodland herbs including *Arum maculatum* (Lords-and-Ladies), *Brachypodium sylvaticum* (False Brome), *Hyacinthoides non-scripta* (Bluebell) and *Mercurialis perennis* (Dog's Mercury).

*Target Note 280.* A hedge similar to *Target Note 280*.

*Target Note 281.* A dense, clipped hedge about 2 m tall and wide comprising mainly *Prunus spinosa* (Blackthorn) with *Crataegus monogyna* (Hawthorn) and *Rosa canina* (Dog-rose). There is a dry ditch along its northern side.

*Target Note 282.* A hedge similar to *Target Note 281*, but with a line of mature *Quercus robur* (Pedunculate Oak) trees on the bank of an adjacent dry ditch.

*Target Note 283.* A scrubby, unmanaged hedge shaded by a line of mature *Quercus robur* (Pedunculate Oak) trees on the adjacent verge. The hedge is 2-3 m high and dominated by a mixture of *Acer campestre* (Field Maple), *Crataegus monogyna* (Hawthorn), *Prunus spinosa* (Blackthorn), *Rosa canina* (Dog-rose) and *Rubus fruticosus* agg. (Bramble).

*Target Note 284.* A continuation of the hedge described in *Target Note 286*.

*Target Note 285.* A dense, clipped hedge about 1.7 m tall strongly dominated by *Crataegus monogyna* (Hawthorn) and *Prunus spinosa* (Blackthorn) with *Rosa canina* (Dog-rose) and two *Quercus robur* (Pedunculate Oak) trees.

*Target Note 286.* An overgrown hedge about 5 m high and wide comprising a mixture of *Acer campestre* (Field Maple), *Crataegus monogyna* (Hawthorn), *Prunus spinosa* (Blackthorn), *Rosa canina* (Dog-rose) and *Sambucus nigra* (Elder) with occasional *Quercus robur* (Pedunculate Oak) trees. It is scrubby at the base with occasional woodland herbs in the field-layer including *Arum maculatum* (Lords-and-Ladies), *Hyacinthoides non-scripta* (Bluebell) and *Mercurialis perennis* (Dog's Mercury).

*Target Note 286a.* A gappy, leggy, species-poor field hedge comprising mostly *Crataegus monogyna* (Hawthorn) and *Prunus spinosa* (Blackthorn).

*Target Note 287.* A dense, overgrown hedge dominated by *Crataegus monogyna* (Hawthorn), *Prunus spinosa* (Blackthorn) and *Rosa canina* (Dog-rose) with *Acer campestre* (Field Maple) and *Sambucus nigra* (Elder).

*Target Note 288.* A wide, unmanaged hedge comprising abundant mature *Quercus robur* (Pedunculate Oak) standards together with overgrown shrubs and dense outgrowths of suckering *Prunus spinosa* (Blackthorn) and trailing *Rubus fruticosus* agg. (Bramble). Where the field-layer is not too scrubby, there are patches of the woodland herbs *Hyacinthoides non-scripta* (Bluebell) and *Mercurialis perennis* (Dog's Mercury).

*Target Note 289.* A slightly leggy hedge about 4-6 m high and wide dominated by *Crataegus monogyna* (Hawthorn) and *Prunus spinosa* (Blackthorn) with *Acer campestre* (Field Maple). *Hyacinthoides non-scripta* (Bluebell) is abundant in the field-layer.

*Target Note 290.* A 1.5 m high field hedge on a half bank comprising a mixture of *Crataegus monogyna* (Hawthorn) and *Prunus spinosa* (Blackthorn) with other shrubs including *Acer campestre* (Field Maple), *Ligustrum vulgare* (Wild Privet), *Malus sylvestris* (Crab Apple) and *Rosa canina* (Dog-rose). The field-layer and an adjacent dry ditch are species-poor with abundant *Urtica dioica* (Common Nettle) along the ditch.

*Target Note 291.* A hedge similar to *Target Note 294*.

*Target Note 292.* A hedge similar to *Target Note 294*.

*Target Note 293.* A species-poor hedge about 2 m high dominated by *Crataegus monogyna* (Hawthorn) with some additional *Prunus spinosa* (Blackthorn) and *Rosa canina* (Dog-rose).

*Target Note 294.* A tall, overgrown hedge with an adjacent dry ditch. It is dominated by mature *Quercus robur* (Pedunculate Oak) standards over a dense shrub-layer of *Crataegus monogyna* (Hawthorn) and *Prunus spinosa* (Blackthorn) with frequent *Rosa canina* (Dog-rose). The field-layer contains abundant *Hedera helix* (Ivy) with shade-tolerant herbs such as *Arum maculatum* (Lords-and-Ladies), *Brachypodium sylvaticum* (False Brome) and *Hyacinthoides non-scripta* (Bluebell).

*Target Note 295.* A wide, scrubby hedge dominated by *Quercus robur* (Pedunculate Oak) trees over a shrub-layer of *Crataegus monogyna* (Hawthorn) and *Prunus spinosa* (Blackthorn) with small amounts of *Acer campestre* (Field Maple), *Ilex aquifolium* (Holly), *Rosa canina* (Dog-rose) and *Sambucus nigra* (Elder). The field-layer has abundant *Hyacinthoides non-scripta* (Bluebell).

*Target Note 295a.* An overgrown hedge dominated by mature *Quercus robur* (Pedunculate Oak) standards over a sparse shrub-layer of *Crataegus monogyna* (Hawthorn) and *Prunus spinosa* (Blackthorn), locally with Blackthorn outgrowths. To the south, the hedge widens into a corridor of oak woodland.

*Target Note 296.* A tall, unmanaged hedge largely comprising mature *Quercus robur* (Pedunculate Oak) trees and overgrown *Crataegus monogyna* (Hawthorn) and *Prunus spinosa* (Blackthorn) shrubs.

*Target Note 296a.* A defunct hedge comprising scattered mature trees and overgrown shrubs.

*Target Note 297.* A narrow roadside strip of woodland consisting of mature *Quercus robur* (Pedunculate Oak) standards and younger growth of *Fraxinus excelsior* (Ash) with a mixed shrub-layer including *Euonymus europaeus* (Spindle), *Ligustrum vulgare* (Wild Privet), *Prunus spinosa* (Blackthorn) and *Rosa canina* (Dog-rose). The field-layer contains a mixture of *Glechoma hederacea* (Ground-ivy), *Mercurialis perennis* (Dog's Mercury), *Rubus fruticosus* agg. (Bramble), *Urtica dioica* (Common Nettle) and umbellifer species, or is heavily shaded and dominated by leaf litter.

*Target Note 297a.* An unmanaged hedge dominated by mature *Quercus robur* (Pedunculate Oak) trees over a thin shrub-layer of mostly *Prunus spinosa* (Blackthorn) with a few woodland herbs in the field-layer including *Mercurialis perennis* (Dog's Mercury) and *Viola riviniana* (Common Dog-violet). An adjacent ditch had been cleared recently and contained no vegetation and only a tiny amount of water.

*Target Note 297b.* A small garden pond with *Lemna minor* (Common Duckweed) covering the water surface.

*Target Note 298.* A scrubby, overgrown road hedge several metres high and wide with a few, taller *Quercus robur* (Pedunculate Oak) standards. The main woody species is *Prunus spinosa* (Blackthorn) in a mixture with *Crataegus monogyna* (Hawthorn), *Rosa canina* (Dog-rose) and young *Carpinus betulus* (Hornbeam) and *Fraxinus excelsior* (Ash) trees. The field-layer contains patchy *Pteridium aquilinum* (Bracken), *Rubus fruticosus* agg. (Bramble) and *Urtica dioica* (Common Nettle) with occasional woodland herbs such as *Arum maculatum* (Lords-and-Ladies), *Geranium robertianum* (Herb-Robert) and *Mercurialis perennis* (Dog's Mercury).

*Target Note 299.* Semi-natural woodland with mature *Fraxinus excelsior* (Ash) and *Quercus robur* (Pedunculate Oak) trees along the southern boundary, and large *Corylus avellana* (Hazel) coppice stools along the northern boundary. At the proposed crossing point, and to the east, the woodland interior is dominated by tall *Salix caprea* (Goat Willow) and *Salix cinerea* (Grey Willow) scrub on the damp, boggy ground associated with a tiny stream at *Target Note 300*. To the west, however, the woodland has a canopy of mature Ash and Oak and is designated as Ancient Semi-natural Woodland. The field-layer here and along the wood edges is characterised by woodland herbs such as *Brachypodium sylvaticum* (False Brome), *Circaea lutetiana* (Enchanter's-nightshade), *Hyacinthoides non-scripta* (Bluebell), *Mercurialis perennis* (Dog's Mercury) and *Primula vulgaris* (Primrose), but under the willow scrub *Urtica dioica* (Common Nettle) is strongly dominant.

*Target Note 300.* A small, stagnant stream creating boggy ground conditions in the woodland described in *Target Note 299*. The stream edges support frequent *Carex remota* (Remote Sedge) and occasional *Galium palustre* (Common Marsh-bedstraw), *Mentha aquatica* (Water Mint) and *Oenanthe crocata* (Hemlock Water-dropwort), but surrounding damp areas are mostly dominated by *Urtica dioica* (Common Nettle).

*Target Note 300a.* Species-poor horse pasture.

*Target Note 301.* A group of mature *Quercus robur* (Pedunculate Oak) trees with a corridor of *Corylus avellana* (Hazel) coppice to the south, in which the Oak standards have been felled. Both areas have a field-layer of *Hyacinthoides non-scripta* (Bluebell) typical of ancient woodland.

*Target Note 302.* Ancient Semi-natural Woodland with a woodbank along the eastern edge supporting a continuation of the hedge at *Target Note 304*, or dense *Prunus spinosa* (Blackthorn) scrub, forming an impenetrable barrier, together with mature *Quercus robur* (Pedunculate Oak) standards. The interior of the wood is a mixture of *Quercus robur* (Pedunculate Oak) high forest and scrubby woodland dominated by *Crataegus monogyna* (Hawthorn), *Salix cinerea* (Grey Willow) or *Prunus spinosa* (Blackthorn).

*Target Note 304.* A tall, wide hedge about 3.5 × 4 m with a low bank and an adjacent dry ditch. It is dominated by *Prunus spinosa* (Blackthorn) together with *Acer campestre* (Field Maple), *Crataegus monogyna* (Hawthorn) and *Rosa canina* (Dog-rose).

*Target Note 305.* A hedge similar to *Target Note 304*, but with additional *Euonymus europaeus* (Spindle) and *Salix cinerea* (Grey Willow).

*Target Note 306.* A hedge similar *Target Note 305*.

*Target Note 306a.* A hedge similar to *Target Note 305*.

*Target Note 307.* Species-poor, damp grassland strongly dominated by the grass *Alopecurus pratensis* (Meadow Foxtail) with *Hordeum secalinum* (Meadow Barley), *Poa trivialis* (Rough Meadow-grass) and *Ranunculus repens* (Creeping Buttercup).

*Target Note 308.* A small drain filled with wetland plants such as *Juncus inflexus* (Hard Rush), *Lycopus europaeus* (Gypsywort), *Mentha aquatica* (Water Mint), *Phalaris arundinacea* (Reed Canary-grass) and *Potentilla anserina* (Silverweed). The damp banks support *Alopecurus pratensis* (Meadow Foxtail) and *Silene silaus* (Pepper-saxifrage) among other species.

*Target Note 309.* Damp, rough grassland dominated by coarse grasses and tall-ruderal herbs such as *Alopecurus pratensis* (Meadow Foxtail), *Arctium minus* (Lesser Burdock), *Cirsium*

*arvense* (Creeping Thistle), *Heracleum sphondylium* (Hogweed), *Rumex obtusifolius* (Broad-leaved Dock) and *Urtica dioica* (Common Nettle).

*Target Note 310.* A group of *Salix fragilis* (Crack-willow) trees associated with a backwater of the stream described in *Target Note 313* as it emerges from a culvert. The still water is dominated by *Phalaris arundinacea* (Reed Canary-grass) together with smaller amounts of *Iris pseudacorus* (Yellow Iris), *Lycopus europaeus* (Gypsywort) and *Oenanthe crocata* (Hemlock Water-dropwort).

*Target Note 311.* A trackside hedge generally trimmed to about 1.7 m tall and comprising a mixture of the shrubs *Acer campestre* (Field Maple), *Crataegus monogyna* (Hawthorn), *Ligustrum vulgare* (Wild Privet), *Prunus spinosa* (Blackthorn) and *Rosa canina* (Dog-rose). At the southern end, Field Maple and *Quercus robur* (Pedunculate Oak) have been left to grow into trees, and there is a wide, shaded ditch along the east side.

*Target Note 312.* An area of rough grassland adjacent to the stream described in *Target Note 313* comprising coarse grasses such as *Arrhenatherum elatius* (False Oat-grass), *Dactylis glomerata* (Cock's-foot) and *Elytrigia repens* (Common Couch) with *Phalaris arundinacea* (Reed Canary-grass) and tall forbs such as *Cirsium arvense* (Creeping Thistle). There are large stands of tall ruderals alongside the stream, which are individually dominated by *Cirsium arvense* (Creeping Thistle), *Conium maculatum* (Hemlock) and *Urtica dioica* (Common Nettle).

*Target Note 313.* A clear, flowing stream about 2 m wide at water-level and 0.3 m deep with steep, 1.5 m high banks. The banks and water margins support a fringe of *Phalaris arundinacea* (Reed Canary-grass) with other tall herbs and climbers such as *Calystegia sepium* (Hedge Bindweed), *Filipendula ulmaria* (Meadowsweet), *Oenanthe crocata* (Hemlock Water-dropwort) and *Urtica dioica* (Common Nettle). No aquatic vegetation was observed.

*Target Note 314.* A 30 m or so section of *Prunus spinosa* (Blackthorn) hedge between two mature *Quercus robur* (Pedunculate Oak) trees.

*Target Note 315.* An area of trees and bushes associated with a cut-off meander of the stream at *Target Note 313* including a few mature *Quercus robur* (Pedunculate Oak) and *Salix fragilis* (Crack-willow) trees and *Salix cinerea* (Grey Willow) scrub. The field-layer is a mixture of *Poa trivialis* (Rough Meadow-grass), *Rumex sanguineus* (Wood Dock) and *Urtica dioica* (Common Nettle) with *Phalaris arundinacea* (Reed Canary-grass) at the stream edge.

*Target Note 316.* A very dense, trimmed hedge along a disused track with a dry ditch and two mature *Quercus robur* (Pedunculate Oak) trees. The shrub-layer is maintained at height of about 2 m and comprises mostly *Prunus spinosa* (Blackthorn) with smaller amounts of *Crataegus monogyna* (Hawthorn), *Euonymus europaeus* (Spindle) and *Rosa canina* (Dog-rose).

*Target Note 317.* A well-maintained trackside hedge about 2 m high and wide with a bank, *Quercus robur* (Pedunculate Oak) standards and no gaps. It comprises a mixture of *Crataegus monogyna* (Hawthorn) and *Prunus spinosa* (Blackthorn) with several other species including *Acer campestre* (Field Maple), *Euonymus europaeus* (Spindle), *Ligustrum vulgare* (Wild Privet), *Malus sylvestris* (Crab Apple) and *Rosa canina* (Dog-rose). There is a grassy verge with woodland herbs including *Brachypodium sylvaticum* (False Brome), *Bromopsis ramosa* (Hairy-brome), *Primula vulgaris* (Primrose) and *Viola riviniana* (Common Dog-violet).

*Target Note 318.* A hedge similar to *Target Note 318*.

***BOTANICAL DATA TABLES***

## 8. FLORISTIC TABLES

Table 8.1. Floristic (NVC-style) table for 3 two-metre square quadrats in damp, unimproved grassland at Target Note 26.

| Species                                                                                                                                                                                                                                 | Q1 | Q2 | Q3 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|----|----|
| <i>Agrostis stolonifera</i>                                                                                                                                                                                                             | 5  | 8  | 6  |
| <i>Lolium perenne</i>                                                                                                                                                                                                                   | 3  | 3  | 6  |
| <i>Trifolium repens</i>                                                                                                                                                                                                                 | 5  | 5  | 5  |
| <i>Equisetum palustre</i>                                                                                                                                                                                                               | 5  | 3  | 5  |
| <i>Poa pratensis</i>                                                                                                                                                                                                                    | 4  | 4  | 3  |
| <i>Ranunculus repens</i>                                                                                                                                                                                                                | 2  | 4  | 4  |
| <i>Carex hirta</i>                                                                                                                                                                                                                      | 2  | 3  | 3  |
| <i>Persicaria amphibia</i>                                                                                                                                                                                                              | 2  | 3  | 3  |
| <i>Ranunculus acris</i>                                                                                                                                                                                                                 | 3  | 2  | 2  |
| <i>Cerastium glomeratum</i>                                                                                                                                                                                                             | 2  | 1  | 3  |
| <i>Senecio jacobaea</i>                                                                                                                                                                                                                 | 1  | 2  | 3  |
| <i>Holcus lanatus</i>                                                                                                                                                                                                                   | 6  | -  | 3  |
| <i>Festuca rubra</i>                                                                                                                                                                                                                    | 4  | -  | 3  |
| <i>Brachythecium rutabulum</i>                                                                                                                                                                                                          | 1  | -  | 4  |
| <i>Plantago major</i>                                                                                                                                                                                                                   | 1  | 4  | -  |
| <i>Anthoxanthum odoratum</i>                                                                                                                                                                                                            | 3  | -  | 3  |
| <i>Cirsium species</i>                                                                                                                                                                                                                  | 2  | -  | 3  |
| <i>Hordeum secalinum</i>                                                                                                                                                                                                                | 3  | 2  | -  |
| <i>Agrostis capillaris</i>                                                                                                                                                                                                              | 6  | -  | -  |
| <i>Poa trivialis</i>                                                                                                                                                                                                                    | -  | 4  | -  |
| <i>Lathyrus pratensis</i>                                                                                                                                                                                                               | -  | -  | 3  |
| <i>Poa annua</i>                                                                                                                                                                                                                        | -  | 3  | -  |
| <i>Alopecurus pratensis</i>                                                                                                                                                                                                             | -  | 2  | -  |
| <i>Geranium dissectum</i>                                                                                                                                                                                                               | -  | -  | 2  |
| <i>Veronica serpyllifolia</i>                                                                                                                                                                                                           | -  | 2  | -  |
| <i>Odontites vernus</i>                                                                                                                                                                                                                 | -  | 1  | -  |
| <i>Pulicaria dysenterica</i>                                                                                                                                                                                                            | 1  | -  | -  |
| <i>Rumex acetosa</i>                                                                                                                                                                                                                    | -  | -  | 1  |
| <i>Sagina procumbens</i>                                                                                                                                                                                                                | 1  | -  | -  |
| <i>Scorzoneroidea autumnalis</i>                                                                                                                                                                                                        | -  | -  | 1  |
| <i>Sonchus oleraceus</i>                                                                                                                                                                                                                | 1  | -  | -  |
| <i>Taraxacum</i> sect. <i>Ruderalia</i>                                                                                                                                                                                                 | 1  | -  | -  |
| <i>Trifolium dubium</i>                                                                                                                                                                                                                 | 1  | -  | -  |
| Matching coefficients: <b>MG6 undifferentiated 48</b> , <i>MG6b</i> 47.8, <i>MG6a</i> 47.7, <i>MG7c</i> 44.3, <i>MG7e</i> 44, <i>MG7f</i> 43.4, <i>MG9a</i> 42.8, <i>MG7d</i> 41.8, <i>MG9</i> undifferentiated 41.6, <i>MG11a</i> 40.5 |    |    |    |
| Diagnosis. This grassland is broadly referable to the NVC type <b>MG6 <i>Lolium perenne</i>-<i>Cynosurus cristatus</i> grassland</b> , though it is unusual in having abundant <i>Equisetum palustre</i> .                              |    |    |    |

Table 8.2. Floristic (NVC-style) table for 2 two-metre square quadrats in wet, sedge and moss-rich grassland at Target Note 27.

| Species                                                                                                                                                                                                     | Q1 | Q2 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|----|
| <i>Carex nigra</i>                                                                                                                                                                                          | 9  | 8  |
| <i>Drepanocladus aduncus</i>                                                                                                                                                                                | 8  | 6  |
| <i>Agrostis stolonifera</i>                                                                                                                                                                                 | 5  | 5  |
| <i>Persicaria amphibia</i>                                                                                                                                                                                  | 4  | 4  |
| <i>Ranunculus repens</i>                                                                                                                                                                                    | 3  | 3  |
| <i>Eleocharis palustris</i>                                                                                                                                                                                 | 2  | 3  |
| <i>Potentilla anserina</i>                                                                                                                                                                                  | 3  | 2  |
| <i>Myosotis laxa</i>                                                                                                                                                                                        | 1  | 1  |
| <i>Trifolium repens</i>                                                                                                                                                                                     | 1  | 1  |
| <i>Equisetum palustre</i>                                                                                                                                                                                   | -  | 6  |
| <i>Brachythecium rutabulum</i>                                                                                                                                                                              | -  | 3  |
| <i>Lolium perenne</i>                                                                                                                                                                                       | -  | 1  |
| <i>Mentha aquatica</i>                                                                                                                                                                                      | 1  | -  |
| <i>Plantago major</i>                                                                                                                                                                                       | -  | 1  |
| <i>Taraxacum</i> sect. <i>Ruderalia</i>                                                                                                                                                                     | -  | 1  |
| Matching coefficients: SD17a 46.4, SD17d 44.1, SD17 undifferentiated 43.1, SD17b 36.6, MG11a 35.9, S19c 35.9, SD17c 35.1, S19 undifferentiated 35, S19a 33.7, MG11 undifferentiated 32.3... <b>Proposed</b> |    |    |
| <b><i>Carex nigra-Agrostis stolonifera</i> community.</b>                                                                                                                                                   |    |    |
| Diagnosis. This vegetation is not like any NVC type in Rodwell (1991-2000), but is described well by the <b>proposed <i>Carex nigra-Agrostis stolonifera</i> community</b> in Rodwell <i>et al</i> (2006).  |    |    |

Table 8.3. Floristic (NVC-style) table for 4 two-metre square quadrats in semi-improved grassland at Target Note 26 and 42.

| Species                                                                                                                                                       | Q1 | Q2 | Q3 | Q4 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|----|----|----|----|
| <i>Lolium perenne</i>                                                                                                                                         | 8  | 5  | 7  | 6  |
| <i>Festuca rubra</i>                                                                                                                                          | 2  | 3  | 4  | 6  |
| <i>Poa pratensis</i>                                                                                                                                          | 4  | 4  | 3  | 3  |
| <i>Trifolium repens</i>                                                                                                                                       | 4  | 2  | 1  | 2  |
| <i>Carex hirta</i>                                                                                                                                            | 2  | 3  | 2  | 1  |
| <i>Hordeum secalinum</i>                                                                                                                                      | -  | 7  | 4  | 4  |
| <i>Holcus lanatus</i>                                                                                                                                         | -  | 2  | 2  | 6  |
| <i>Agrostis stolonifera</i>                                                                                                                                   | 5  | -  | 2  | 4  |
| <i>Alopecurus pratensis</i>                                                                                                                                   | 3  | 3  | 4  | -  |
| <i>Cerastium fontanum</i>                                                                                                                                     | 3  | 2  | 3  | -  |
| <i>Plantago major</i>                                                                                                                                         | -  | 1  | 1  | 3  |
| <i>Dactylis glomerata</i>                                                                                                                                     | 2  | 1  | -  | 2  |
| <i>Senecio jacobaea</i>                                                                                                                                       | 1  | 1  | 2  | -  |
| <i>Cynosurus cristatus</i>                                                                                                                                    | -  | 6  | 2  | -  |
| <i>Ranunculus bulbosus</i>                                                                                                                                    | -  | 3  | 3  | -  |
| <i>Geranium dissectum</i>                                                                                                                                     | 3  | -  | -  | 2  |
| <i>Ranunculus repens</i>                                                                                                                                      | 3  | 2  | -  | -  |
| <i>Trifolium pratense</i>                                                                                                                                     | -  | 3  | 2  | -  |
| <i>Cerastium glomeratum</i>                                                                                                                                   | -  | 1  | -  | 3  |
| <i>Ranunculus acris</i>                                                                                                                                       | 2  | -  | -  | 1  |
| <i>Taraxacum</i> sect. <i>Ruderalia</i>                                                                                                                       | 2  | -  | 1  | -  |
| <i>Bellis perennis</i>                                                                                                                                        | -  | -  | 1  | 1  |
| <i>Brachythecium rutabulum</i>                                                                                                                                | -  | -  | 1  | 1  |
| <i>Cirsium</i> species                                                                                                                                        | 1  | -  | 1  | -  |
| <i>Helminthotheca echioides</i>                                                                                                                               | 1  | -  | -  | 1  |
| <i>Persicaria amphibia</i>                                                                                                                                    | 1  | -  | -  | 1  |
| <i>Sonchus asper</i>                                                                                                                                          | 1  | -  | -  | 1  |
| <i>Agrostis capillaris</i>                                                                                                                                    | -  | -  | 5  | -  |
| <i>Poa trivialis</i>                                                                                                                                          | -  | -  | 3  | -  |
| <i>Anthoxanthum odoratum</i>                                                                                                                                  | -  | 2  | -  | -  |
| <i>Potentilla reptans</i>                                                                                                                                     | 2  | -  | -  | -  |
| <i>Cirsium vulgare</i>                                                                                                                                        | -  | -  | 1  | -  |
| <i>Elytrigia repens</i>                                                                                                                                       | -  | -  | -  | 1  |
| <i>Equisetum palustre</i>                                                                                                                                     | 1  | -  | -  | -  |
| <i>Plantago lanceolata</i>                                                                                                                                    | 1  | -  | -  | -  |
| <i>Pulicaria dysenterica</i>                                                                                                                                  | -  | -  | -  | 1  |
| <i>Lathyrus pratensis</i>                                                                                                                                     | -  | -  | -  | 1  |
| <i>Trisetum flavescens</i>                                                                                                                                    | -  | 1  | -  | -  |
| <i>Veronica serpyllifolia</i>                                                                                                                                 | -  | -  | -  | 1  |
| Matching coefficients: <b>MG6a 61</b> , MG6 undifferentiated 59.7, MG6b 54.7, MG7d 54.4, MG7f 54, MG7c 53.5, MG6c 52.5, MG7e 50.8, MG5a 50.3, MG3a 49.6       |    |    |    |    |
| Diagnosis. This grassland is clearly referable to the NVC type <b>MG6a <i>Lolium perenne</i>-<i>Cynosurus cristatus</i> grassland, typical sub-community.</b> |    |    |    |    |

Table 8.4. Floristic (NVC-style) table for 2 two-metre square quadrats in damp, unimproved grassland at Target Note 31.

| Species                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Q1 | Q2 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|----|
| <i>Agrostis capillaris</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 7  | 4  |
| <i>Holcus lanatus</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 5  | 5  |
| <i>Carex hirta</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 3  | 3  |
| <i>Festuca rubra</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 3  | 3  |
| <i>Senecio jacobaea</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3  | 3  |
| <i>Agrostis stolonifera</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2  | 3  |
| <i>Lathyrus pratensis</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 2  | 3  |
| <i>Prunella vulgaris</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2  | 2  |
| <i>Dactylis glomerata</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1  | 2  |
| <i>Stellaria graminea</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 2  | 1  |
| <i>Alopecurus pratensis</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1  | 1  |
| <i>Potentilla reptans</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | -  | 6  |
| <i>Poa trivialis</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -  | 5  |
| <i>Cirsium vulgare</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 4  | -  |
| <i>Equisetum palustre</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 4  | -  |
| <i>Achillea millefolium</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 3  | -  |
| <i>Brachythecium rutabulum</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -  | 3  |
| <i>Galium verum</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 3  | -  |
| <i>Lolium perenne</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | -  | 3  |
| <i>Lotus corniculatus</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 3  | -  |
| <i>Cerastium fontanum</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | -  | 2  |
| <i>Geranium dissectum</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | -  | 2  |
| <i>Glechoma hederacea</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | -  | 2  |
| <i>Lotus pedunculatus</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | -  | 2  |
| <i>Odontites vernus</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | -  | 2  |
| <i>Ranunculus repens</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | -  | 2  |
| <i>Taraxacum</i> sect. <i>Ruderalia</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2  | -  |
| <i>Trifolium repens</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | -  | 2  |
| <i>Anthoxanthum odoratum</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -  | 1  |
| <i>Cirsium arvense</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1  | -  |
| <i>Cirsium</i> species                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | -  | 1  |
| <i>Persicaria amphibia</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | -  | 1  |
| <i>Poa pratensis</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -  | 1  |
| <i>Rumex acetosa</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1  | -  |
| <i>Sonchus asper</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -  | 1  |
| <i>Sonchus oleraceus</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | -  | 1  |
| Matching coefficients: MG7c 45.4, MG6a 45.3, MG1 undifferentiated 44.1, MG7d 44, MG1e 44, MG9b 43.9, MG9a 43.8, M9 undifferentiated 43.6, MG1a 42.7, MG5a 42.6                                                                                                                                                                                                                                                                                                                                   |    |    |
| Diagnosis. Quadrats were recorded in open, herb-rich turf in a rather variable, damp field otherwise dominated by tall, rough grasses, <i>i.e.</i> MG1 <i>Arrhenatherum elatius</i> grassland. This grassland cannot well be assigned to any one NVC type but it is clearly unimproved, so the high matching coefficients for MG7 can be ignored, and it is probably most like <b>MG5a <i>Cynosurus cristatus</i>-<i>Centaurea nigra</i> grassland, <i>Lathyrus pratensis</i> sub-community.</b> |    |    |

Table 8.5. Floristic (NVC-style) table for 5 two-metre square quadrats in unimproved grassland at Target Note 35.

| Species                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Q1 | Q2 | Q3 | Q4 | Q5 | Frq. | Cov. |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|----|----|----|----|------|------|
| <i>Agrostis capillaris</i>                                                                                                                                                                                                                                                                                                                                                                                                                                            | 6  | 8  | 9  | 8  | 7  | V    | 6-9  |
| <i>Poa pratensis</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 3  | 3  | 4  | 3  | 3  | V    | 3-4  |
| <i>Carex hirta</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2  | 4  | 2  | 3  | 3  | V    | 2-4  |
| <i>Holcus lanatus</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 3  | -  | 4  | 2  | 5  | IV   | 2-5  |
| <i>Brachythecium rutabulum</i>                                                                                                                                                                                                                                                                                                                                                                                                                                        | -  | 4  | 3  | 4  | 4  | IV   | 3-4  |
| <i>Senecio jacobaea</i>                                                                                                                                                                                                                                                                                                                                                                                                                                               | 2  | 2  | 1  | 1  | -  | IV   | 1-2  |
| <i>Lotus corniculatus</i>                                                                                                                                                                                                                                                                                                                                                                                                                                             | 7  | 1  | -  | -  | 2  | III  | 1-7  |
| <i>Festuca rubra</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -  | 3  | -  | 5  | 3  | III  | 3-5  |
| <i>Trifolium repens</i>                                                                                                                                                                                                                                                                                                                                                                                                                                               | -  | 3  | -  | 4  | 5  | III  | 3-5  |
| <i>Anthoxanthum odoratum</i>                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3  | -  | 1  | -  | 4  | III  | 1-4  |
| <i>Stellaria graminea</i>                                                                                                                                                                                                                                                                                                                                                                                                                                             | -  | 2  | 1  | 3  | -  | III  | 1-3  |
| <i>Elytrigia repens</i>                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1  | -  | 2  | 1  | -  | III  | 1-2  |
| <i>Rumex acetosella</i>                                                                                                                                                                                                                                                                                                                                                                                                                                               | -  | 4  | 5  | -  | -  | II   | 4-5  |
| <i>Lolium perenne</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 3  | -  | -  | 4  | -  | II   | 3-4  |
| <i>Lotus pedunculatus</i>                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1  | -  | -  | -  | 4  | II   | 1-4  |
| <i>Cerastium glomeratum</i>                                                                                                                                                                                                                                                                                                                                                                                                                                           | -  | -  | 1  | 3  | -  | II   | 1-3  |
| <i>Cerastium fontanum</i>                                                                                                                                                                                                                                                                                                                                                                                                                                             | -  | 1  | -  | -  | 1  | II   | 1    |
| <i>Cirsium arvense</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1  | -  | 1  | -  | -  | II   | 1    |
| <i>Ranunculus repens</i>                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1  | -  | -  | -  | 1  | II   | 1    |
| <i>Taraxacum</i> sect. <i>Ruderalia</i>                                                                                                                                                                                                                                                                                                                                                                                                                               | 1  | 1  | -  | -  | -  | II   | 1    |
| <i>Juncus</i> cf. <i>articulatus</i>                                                                                                                                                                                                                                                                                                                                                                                                                                  | 7  | -  | -  | -  | -  | I    | 7    |
| <i>Briza media</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 3  | -  | -  | -  | -  | I    | 3    |
| <i>Cynosurus cristatus</i>                                                                                                                                                                                                                                                                                                                                                                                                                                            | -  | -  | -  | 3  | -  | I    | 3    |
| <i>Festuca ovina</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -  | 3  | -  | -  | -  | I    | 3    |
| <i>Alopecurus pratensis</i>                                                                                                                                                                                                                                                                                                                                                                                                                                           | -  | -  | -  | 2  | -  | I    | 2    |
| <i>Dactylis glomerata</i>                                                                                                                                                                                                                                                                                                                                                                                                                                             | 2  | -  | -  | -  | -  | I    | 2    |
| <i>Equisetum palustre</i>                                                                                                                                                                                                                                                                                                                                                                                                                                             | 2  | -  | -  | -  | -  | I    | 2    |
| <i>Cirsium</i> species                                                                                                                                                                                                                                                                                                                                                                                                                                                | -  | -  | -  | 1  | -  | I    | 1    |
| <i>Hieracium</i> species                                                                                                                                                                                                                                                                                                                                                                                                                                              | -  | -  | 1  | -  | -  | I    | 1    |
| <i>Hordeum secalinum</i>                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1  | -  | -  | -  | -  | I    | 1    |
| <i>Plantago major</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -  | 1  | -  | -  | -  | I    | 1    |
| <i>Prunella vulgaris</i>                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1  | -  | -  | -  | -  | I    | 1    |
| <i>Scorzoneroide autumnalis</i>                                                                                                                                                                                                                                                                                                                                                                                                                                       | -  | -  | -  | 1  | -  | I    | 1    |
| <i>Trifolium dubium</i>                                                                                                                                                                                                                                                                                                                                                                                                                                               | -  | 1  | -  | -  | -  | I    | 1    |
| Matching coefficients: <b>MG6b 53.9</b> , MG6 undifferentiated 52.3, MG6a 50.7, MG5b 50.4, MG5 undifferentiated 50.3, MG5a 49.9, U4b 49.3, MG6c 47.7, MG7f 46.6, MG7c 46.1... <i>Uld</i>                                                                                                                                                                                                                                                                              |    |    |    |    |    |      |      |
| Diagnosis. In the main, this grassland is referable to the NVC type <b>MG6b <i>Lolium perenne</i>-<i>Cynosurus cristatus</i> grassland, <i>Anthoxanthum odoratum</i> sub-community</b> , however, the vegetation recorded from drier outcrops at quadrats 2 and 3 is possibly better assigned to <b>U1d <i>Festuca ovina</i>-<i>Agrostis capillaris</i>-<i>Rumex acetosella</i> grassland, <i>Anthoxanthum odoratum</i>-<i>Lotus corniculatus</i> sub-community</b> . |    |    |    |    |    |      |      |

Table 8.6. Floristic (NVC-style) table for 3 two-metre square quadrats in calcicolous grassland at Target Note 69.

| Species                                             | Q1 | Q2 | Q3 |
|-----------------------------------------------------|----|----|----|
| <i>Festuca rubra</i>                                | 8  | 7  | 5  |
| <i>Bromopsis erecta</i>                             | 4  | 4  | 5  |
| <i>Poterium sanguisorba</i> ssp. <i>sanguisorba</i> | 1  | 4  | 4  |
| <i>Plantago lanceolata</i>                          | 3  | 3  | 2  |
| <i>Ranunculus bulbosus</i>                          | 2  | 3  | 3  |
| <i>Dactylis glomerata</i>                           | 2  | 1  | 2  |
| <i>Crataegus monogyna</i>                           | 1  | 1  | 1  |
| <i>Leontodon hispidus</i>                           | -  | 4  | 4  |
| <i>Calliergonella cuspidata</i>                     | -  | 3  | 4  |
| <i>Carex flacca</i>                                 | -  | 3  | 4  |
| <i>Pseudoscleropodium purum</i>                     | -  | 4  | 3  |
| <i>Veronica chamaedrys</i>                          | 4  | 3  | -  |
| <i>Festuca ovina</i>                                | -  | 2  | 4  |
| <i>Lotus corniculatus</i>                           | 4  | -  | 1  |
| <i>Briza media</i>                                  | -  | 3  | 3  |
| <i>Centaurea debeauxii</i>                          | 2  | 3  | -  |
| <i>Galium verum</i>                                 | 3  | 2  | -  |
| <i>Polygala vulgaris</i>                            | -  | 1  | 3  |
| <i>Anacamptis pyramidalis</i>                       | -  | 2  | 1  |
| <i>Avenula pubescens</i>                            | 1  | 2  | -  |
| <i>Holcus lanatus</i>                               | 2  | -  | 1  |
| <i>Senecio jacobaea</i>                             | -  | 1  | 1  |
| <i>Phyteuma orbiculare</i>                          | -  | 3  | -  |
| <i>Schedonorus arundinaceus</i>                     | 3  | -  | -  |
| <i>Achillea millefolium</i>                         | -  | 2  | -  |
| <i>Bellis perennis</i>                              | -  | -  | 2  |
| <i>Cirsium acaule</i>                               | -  | -  | 2  |
| <i>Galium mollugo</i>                               | -  | 2  | -  |
| <i>Medicago lupulina</i>                            | -  | -  | 2  |
| <i>Pilosella officinarum</i>                        | -  | -  | 2  |
| <i>Poa pratensis</i>                                | 2  | -  | -  |
| <i>Rhytidadelphus squarrosus</i>                    | -  | 2  | -  |
| <i>Rumex acetosa</i>                                | -  | 2  | -  |
| <i>Agrostis stolonifera</i>                         | 1  | -  | -  |
| <i>Cirsium arvense</i>                              | 1  | -  | -  |
| <i>Cerastium fontanum</i>                           | -  | 1  | -  |
| <i>Koeleria macrantha</i>                           | -  | 1  | -  |
| <i>Phleum bertolonii</i>                            | 1  | -  | -  |
| <i>Plantago media</i>                               | -  | 1  | -  |
| <i>Pimpinella saxifraga</i>                         | 1  | -  | -  |
| <i>Scabiosa columbaria</i>                          | -  | -  | 1  |
| <i>Taraxacum</i> sect. <i>Ruderalia</i>             | -  | 1  | -  |
| <i>Thymus polytrichus</i>                           | -  | -  | 1  |
| <i>Trifolium pratense</i>                           | -  | 1  | -  |
| <i>Trifolium repens</i>                             | -  | 1  | -  |
| <i>Vicia cracca</i>                                 | 1  | -  | -  |

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Matching coefficients: CG3 undifferentiated 64.7, CG3b 62.2, CG6 undifferentiated 61.9, CG3a 61.4, CG6a 60.4, **CG2c 60.1**, CG2 undifferentiated 60.0, CG2a 58.8, CG3c 58.4, CG6b 58.4

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Diagnosis. Though *Bromopsis erecta* is constant here, it occurs at levels of cover consistent with **CG2 *Festuca ovina*-*Avenula pratensis* grassland** rather than **CG3 *Bromus erectus* grassland**. Similarly, though *Helictotrichon pubescens* is constant, even in association with abundant *Festuca rubra* it suggests in this sward rich in strong calcicoles, e.g. *Asperula cynanchica* ssp. *cynanchica*, *Filipendula vulgaris*, *Hippocrepis comosa*, only transition towards **CG6a *Avenula pubescens* grassland**, ***Dactylis glomerata*-*Briza media* sub-community** (which may however occur nearby). The combination of strong calcicoles with more mesotrophic species, e.g. *Veronica chamaedrys*, suggests that this is best regarded as **CG2c *Festuca ovina*-*Avenula pratensis* grassland**, ***Holcus lanatus*-*Trifolium repens* sub-community** transitional towards CG6a and perhaps locally CG3.

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*Table 8.7. Floristic (NVC-style) table for 1 two-metre square quadrat in damp grassland at Target Note 103.*

| Species                                                                                                                                                                                                                                                                                                                                                                   | Q1 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| <i>Holcus lanatus</i>                                                                                                                                                                                                                                                                                                                                                     | 8  |
| <i>Cirsium arvense</i>                                                                                                                                                                                                                                                                                                                                                    | 6  |
| <i>Poa trivialis</i>                                                                                                                                                                                                                                                                                                                                                      | 5  |
| <i>Ranunculus repens</i>                                                                                                                                                                                                                                                                                                                                                  | 5  |
| <i>Carex hirta</i>                                                                                                                                                                                                                                                                                                                                                        | 4  |
| <i>Agrostis stolonifera</i>                                                                                                                                                                                                                                                                                                                                               | 3  |
| <i>Trifolium repens</i>                                                                                                                                                                                                                                                                                                                                                   | 3  |
| <i>Juncus inflexus</i>                                                                                                                                                                                                                                                                                                                                                    | 2  |
| <i>Potentilla anserina</i>                                                                                                                                                                                                                                                                                                                                                | 1  |
| <i>Ranunculus acris</i>                                                                                                                                                                                                                                                                                                                                                   | 1  |
| Matching coefficients: <b>MG10b 63.5</b> , MG10a 52.9, MG10 undifferentiated 50.6, MG11a 40.6, MG9a 40, MG7b 39.8, MG11 undifferentiated 39.3, MG10 38.7, MG9 undifferentiated 38.5, SD17a 37.5                                                                                                                                                                           |    |
| Diagnosis. This damp, species-poor grassland contains only scattered rushes, but the main sward components are nevertheless characteristic of <b>MG10</b> , and the presence of <i>Carex hirta</i> and <i>Juncus inflexus</i> result in a closer match with <b>MG10b <i>Holcus lanatus</i>-<i>Juncus effusus</i> rush-pasture, <i>Juncus inflexus</i> sub-community</b> . |    |

Table 8.8. Floristic (NVC-style) table for 3 two-metre square quadrats in calcicolous grassland at Target Note 106.

| Species                                             | Q1 | Q2 | Q3 |
|-----------------------------------------------------|----|----|----|
| <i>Brachypodium pinnatum</i>                        | 4  | 9  | 4  |
| <i>Trifolium pratense</i>                           | 2  | 7  | 1  |
| <i>Bromopsis erecta</i>                             | 4  | 3  | 3  |
| <i>Poterium sanguisorba</i> ssp. <i>sanguisorba</i> | 4  | 3  | 4  |
| <i>Leontodon hispidus</i>                           | 4  | 2  | 3  |
| <i>Lotus corniculatus</i>                           | 3  | 3  | 3  |
| <i>Carex flacca</i>                                 | 3  | 2  | 3  |
| <i>Galium verum</i>                                 | 2  | 3  | 2  |
| <i>Briza media</i>                                  | 3  | 1  | 2  |
| <i>Ononis repens</i>                                | 3  | 1  | 3  |
| <i>Plantago lanceolata</i>                          | 2  | 1  | 2  |
| <i>Festuca ovina</i>                                | 4  | -  | 7  |
| <i>Helianthemum nummularium</i>                     | 5  | -  | 5  |
| <i>Centaurea debeauxii</i>                          | 4  | -  | 3  |
| <i>Festuca rubra</i>                                | 3  | 4  | -  |
| <i>Pilosella officinarum</i>                        | 4  | -  | 3  |
| <i>Filipendula vulgaris</i>                         | 3  | -  | 3  |
| <i>Thymus polytrichus</i>                           | 3  | -  | 3  |
| <i>Linum catharticum</i>                            | 3  | -  | 2  |
| <i>Ranunculus bulbosus</i>                          | 3  | -  | 1  |
| <i>Betonica officinalis</i>                         | 2  | -  | 2  |
| <i>Koeleria macrantha</i>                           | 2  | -  | 2  |
| <i>Anthoxanthum odoratum</i>                        | 2  | 1  | -  |
| <i>Carex caryophyllea</i>                           | 2  | -  | 1  |
| <i>Achillea millefolium</i>                         | -  | 1  | 1  |
| <i>Cirsium acaule</i>                               | 1  | -  | 1  |
| <i>Dactylis glomerata</i>                           | 1  | -  | 1  |
| <i>Pseudoscleropodium purum</i>                     | 1  | -  | 1  |
| <i>Scabiosa columbaria</i>                          | 1  | -  | 1  |
| <i>Agrostis stolonifera</i>                         | 3  | -  | -  |
| <i>Anthyllis vulneraria</i>                         | 3  | -  | -  |
| <i>Hippocrepis comosa</i>                           | 3  | -  | -  |
| <i>Polygala vulgaris</i>                            | 3  | -  | -  |
| <i>Potentilla reptans</i>                           | -  | 3  | -  |
| <i>Succisa pratensis</i>                            | 3  | -  | -  |
| <i>Thesium humifusum</i>                            | -  | -  | 3  |
| <i>Agrostis capillaris</i>                          | -  | -  | 2  |
| <i>Asperula cynanchica</i>                          | -  | -  | 2  |
| <i>Avenula pubescens</i>                            | 2  | -  | -  |
| <i>Homalothecium lutescens</i>                      | -  | -  | 2  |
| <i>Primula veris</i>                                | 2  | -  | -  |
| <i>Agrimonia eupatoria</i>                          | -  | 1  | -  |
| <i>Avenula pratensis</i>                            | 1  | -  | -  |
| <i>Carlina vulgaris</i>                             | -  | -  | 1  |
| <i>Euphrasia species</i>                            | 1  | -  | -  |
| <i>Fissidens species</i>                            | -  | -  | 1  |
| <i>Leucanthemum vulgare</i>                         | 1  | -  | -  |

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|                                  |   |   |   |
|----------------------------------|---|---|---|
| <i>Luzula campestris</i>         | - | - | 1 |
| <i>Oxyrhynchium cf. hians</i>    | - | - | 1 |
| <i>Phleum bertolonii</i>         | - | - | 1 |
| <i>Senecio jacobaea</i>          | - | - | 1 |
| <i>Taraxacum sect. Ruderalia</i> | - | 1 | - |

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Matching coefficient: CG2 undifferentiated 68.9, CG2b 68.6, CG2a 67.7, CG2c 66.1, CG3a 64.5, CG5a 63.7, CG2d 63.5, CG5 undifferentiated 61.9, CG3b 61.4, CG3 undifferentiated 60.9

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Diagnosis. This grassland is referable to the NVC type **CG2 *Festuca ovina*-*Avenula pratensis* grassland** but a degree of transition towards **CG3 *Bromus erectus* grassland** and **CG5 *Bromus erectus*-*Brachypodium pinnatum* grassland** reflected in the abundance of *Brachypodium pinnatum* (Tor-grass) and *Bromopsis erecta* (Upright Brome) makes it hard to assign to any sub-community.

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Table 8.9. Floristic (NVC-style) table for 1 two-metre square quadrats in marginally calcicolous grassland at Target Note 107.

| Species                                 | Q1 | Q2 |
|-----------------------------------------|----|----|
| <i>Festuca rubra</i>                    | 8  | 7  |
| <i>Dactylis glomerata</i>               | 3  | 4  |
| <i>Plantago lanceolata</i>              | 4  | 2  |
| <i>Holcus lanatus</i>                   | 2  | 3  |
| <i>Trifolium repens</i>                 | 3  | 2  |
| <i>Poa trivialis</i>                    | 1  | 3  |
| <i>Taraxacum</i> sect. <i>Ruderalia</i> | 1  | 2  |
| <i>Veronica chamaedrys</i>              | 1  | 1  |
| <i>Centaurea debeauxii</i>              | 5  | -  |
| <i>Elytrigia repens</i>                 | -  | 5  |
| <i>Cirsium arvense</i>                  | -  | 4  |
| <i>Lotus corniculatus</i>               | 4  | -  |
| <i>Carex flacca</i>                     | 3  | -  |
| <i>Ranunculus bulbosus</i>              | 3  | -  |
| <i>Trifolium repens</i>                 | 3  | -  |
| <i>Achillea millefolium</i>             | 2  | -  |
| <i>Agrostis capillaris</i>              | 2  | -  |
| <i>Agrostis stolonifera</i>             | -  | 2  |
| <i>Avenula pratensis</i>                | 2  | -  |
| <i>Briza media</i>                      | 2  | -  |
| <i>Convolvulus arvensis</i>             | 2  | -  |
| <i>Leontodon hispidus</i>               | 2  | -  |
| <i>Poa pratensis</i>                    | 2  | -  |
| <i>Brachythecium rutabulum</i>          | 1  | -  |
| <i>Cirsium acaule</i>                   | 1  | -  |
| <i>Daucus carota</i> ssp. <i>carota</i> | 1  | -  |
| <i>Galium verum</i>                     | 1  | -  |
| <i>Pimpinella saxifraga</i>             | 1  | -  |
| <i>Rumex acetosa</i>                    | 1  | -  |
| <i>Rumex obtusifolius</i>               | -  | 1  |
| <i>Schedonorus arundinaceus</i>         | 1  | -  |
| <i>Schedonorus pratensis</i>            | 1  | -  |
| <i>Senecio jacobaea</i>                 | 1  | -  |
| <i>Urtica dioica</i>                    | -  | 1  |

Matching coefficients: MG5b 52.4, MG1 undifferentiated 52.4, MG1e 51.8, MG5 undifferentiated 51.1, MG5a 49.5, CG6 undifferentiated 47.8, MG1a 47.4, MG7e 47.2, MG1d 46.1, CG6a 46.0

Diagnosis. Like many marginally calcicolous and rabbit-grazed swards, this is hard to place in terms of the National Vegetation Classification. It is probably best regarded as transitional from some form of calcicolous sward, perhaps **CG2 *Festuca ovina*-*Avenula pratensis* grassland** on the one hand, to some form of mesotrophic sward, perhaps **MG6c *Lolium perenne*-*Cynosurus cristatus* grassland, *Trisetum flavescens* sub-community** on the other. The calcicolous associates combined with a degree of species-rich uncommon in mesotrophic swards, creates affinities with **MG5 *Cynosurus cristatus*-*Centaurea nigra* grassland** but in the absence of *Cynosurus cristatus* and *Lolium perenne* that is not a reasonable NVC diagnosis.

*Table 8.10. Floristic (NVC-style) table for 1 two-metre square quadrat in semi-improved grassland at Target Note 107.*

| Species                                                                                                                                                                     | Q1 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| <i>Phleum cf. bertolonii</i>                                                                                                                                                | 8  |
| <i>Dactylis glomerata</i>                                                                                                                                                   | 6  |
| <i>Poa trivialis</i>                                                                                                                                                        | 5  |
| <i>Elytrigia repens</i>                                                                                                                                                     | 3  |
| <i>Lolium perenne</i>                                                                                                                                                       | 3  |
| <i>Cirsium arvense</i>                                                                                                                                                      | 2  |
| <i>Rumex pulcher</i>                                                                                                                                                        | 2  |
| <i>Schedonorus arundinaceus</i>                                                                                                                                             | 2  |
| <i>Urtica dioica</i>                                                                                                                                                        | 2  |
| <i>Convolvulus arvensis</i>                                                                                                                                                 | 1  |
| <i>Plantago lanceolata</i>                                                                                                                                                  | 1  |
| Matching coefficients: MG1b 40, MG6c 36.9, MG1a 33.5, MG7b 32.8, MG7e 32.6, MG1 undifferentiated 31.7, MG7d 29.5, MG12a 28.9, MG11a 28.5                                    |    |
| Diagnosis. This lush, nutrient-rich grassland at the valley bottom is probably best described by the NVC type <b>MG7 <i>Lolium perenne</i> leys and related grasslands.</b> |    |

Table 8.11. Floristic (NVC-style) table for 1 two-metre square quadrat in mesotrophic grassland at Target Note 111.

| Species                                                                                                                                                                                      | Q1 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| <i>Lolium perenne</i>                                                                                                                                                                        | 7  |
| <i>Poa pratensis</i>                                                                                                                                                                         | 6  |
| <i>Achillea millefolium</i>                                                                                                                                                                  | 5  |
| <i>Bromus hordeaceus</i>                                                                                                                                                                     | 5  |
| <i>Plantago lanceolata</i>                                                                                                                                                                   | 5  |
| <i>Trifolium repens</i>                                                                                                                                                                      | 5  |
| <i>Agrostis stolonifera</i>                                                                                                                                                                  | 4  |
| <i>Dactylis glomerata</i>                                                                                                                                                                    | 3  |
| <i>Galium mollugo</i>                                                                                                                                                                        | 3  |
| <i>Geranium molle</i>                                                                                                                                                                        | 3  |
| <i>Phleum bertolonii</i>                                                                                                                                                                     | 3  |
| <i>Ranunculus bulbosus</i>                                                                                                                                                                   | 3  |
| <i>Veronica chamaedrys</i>                                                                                                                                                                   | 3  |
| <i>Cirsium arvense</i>                                                                                                                                                                       | 2  |
| <i>Festuca rubra</i>                                                                                                                                                                         | 2  |
| <i>Taraxacum</i> sect. <i>Ruderalia</i>                                                                                                                                                      | 2  |
| <i>Trifolium pratense</i>                                                                                                                                                                    | 2  |
| <i>Odontites vernus</i>                                                                                                                                                                      | 1  |
| <i>Senecio jacobaea</i>                                                                                                                                                                      | 1  |
| <i>Scorzoneroide autumnalis</i>                                                                                                                                                              | 1  |
| Matching coefficients: <b>MG6c 49.6</b> , MG6 undifferentiated 44.2, MG7f 43.6, MG7e 42.7, SD8a 42.3, OV23 undifferentiated 41.9, MG5 undifferentiated 41.3, MG6a 41.3, MG6b 41.2, MG5b 41.2 |    |
| Diagnosis. This grassland is probably referable to the NVC type <b>MG6c <i>Lolium perenne</i>-<i>Cynosurus cristatus</i> grassland, <i>Trisetum flavescens</i> sub-community.</b>            |    |

Table 8.12. Floristic (NVC-style) table for 3 two-metre square quadrats in marginally calcicolous grassland at Target Note 111.

| Species                                                                                                                                                                                           | Q1 | Q2 | Q3 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|----|----|
| <i>Festuca rubra</i>                                                                                                                                                                              | 7  | 7  | 7  |
| <i>Plantago lanceolata</i>                                                                                                                                                                        | 1  | 4  | 6  |
| <i>Trifolium repens</i>                                                                                                                                                                           | 5  | 3  | 3  |
| <i>Achillea millefolium</i>                                                                                                                                                                       | 4  | 4  | 3  |
| <i>Dactylis glomerata</i>                                                                                                                                                                         | 2  | 4  | 4  |
| <i>Galium verum</i>                                                                                                                                                                               | 4  | 2  | 3  |
| <i>Ranunculus bulbosus</i>                                                                                                                                                                        | 2  | 3  | 3  |
| <i>Agrostis stolonifera</i>                                                                                                                                                                       | 2  | 1  | 3  |
| <i>Senecio jacobaea</i>                                                                                                                                                                           | 1  | 1  | 3  |
| <i>Trifolium pratense</i>                                                                                                                                                                         | 3  | 1  | 1  |
| <i>Veronica chamaedrys</i>                                                                                                                                                                        | 3  | 3  | 1  |
| <i>Pimpinella saxifraga</i>                                                                                                                                                                       | 1  | 2  | 2  |
| <i>Taraxacum</i> sect. <i>Ruderalia</i>                                                                                                                                                           | 2  | 1  | 2  |
| <i>Tragopogon pratensis</i>                                                                                                                                                                       | 1  | 2  | 1  |
| <i>Cerastium fontanum</i>                                                                                                                                                                         | 1  | 1  | 1  |
| <i>Centaurea debeauxii</i>                                                                                                                                                                        | -  | 2  | 6  |
| <i>Lolium perenne</i>                                                                                                                                                                             | 5  | 2  | -  |
| <i>Poa pratensis</i>                                                                                                                                                                              | 4  | 4  | -  |
| <i>Lotus corniculatus</i>                                                                                                                                                                         | -  | 2  | 4  |
| <i>Leontodon hispidus</i>                                                                                                                                                                         | -  | 4  | 1  |
| <i>Ranunculus bulbosus</i>                                                                                                                                                                        | -  | 3  | 3  |
| <i>Galium mollugo</i>                                                                                                                                                                             | -  | 3  | 2  |
| <i>Poa humilis</i>                                                                                                                                                                                | 2  | -  | 3  |
| <i>Scorzoneroide autumnalis</i>                                                                                                                                                                   | 2  | 3  | -  |
| <i>Rumex acetosa</i>                                                                                                                                                                              | 2  | -  | 1  |
| <i>Crepis capillaris</i>                                                                                                                                                                          | 1  | -  | 1  |
| <i>Heracleum sphondylium</i>                                                                                                                                                                      | 1  | -  | 1  |
| <i>Bromopsis erecta</i>                                                                                                                                                                           | -  | 4  | -  |
| <i>Primula veris</i>                                                                                                                                                                              | -  | 4  | -  |
| <i>Bromus hordeaceus</i>                                                                                                                                                                          | -  | 3  | -  |
| <i>Avenula pubescens</i>                                                                                                                                                                          | -  | 2  | -  |
| <i>Brachythecium rutabulum</i>                                                                                                                                                                    | -  | -  | 2  |
| <i>Phleum bertolonii</i>                                                                                                                                                                          | 2  | -  | -  |
| <i>Poterium sanguisorba</i> ssp. <i>sanguisorba</i>                                                                                                                                               | -  | -  | 2  |
| <i>Geranium molle</i>                                                                                                                                                                             | 1  | -  | -  |
| <i>Holcus lanatus</i>                                                                                                                                                                             | -  | -  | 1  |
| <i>Odontites vernus</i>                                                                                                                                                                           | -  | -  | 1  |
| <i>Poa trivialis</i>                                                                                                                                                                              | 1  | -  | -  |
| <i>Rhytidadelphus squarrosus</i>                                                                                                                                                                  | -  | -  | 1  |
| Matching coefficients: <b>MG5b 59.3</b> , MG5 undifferentiated 56.9, MG5a 55.9, MG1e 53.8, MG5c 49.2, SD8a 52.1, MG5c 49.2, MG1 undifferentiated 48.4, SD8 undifferentiated 47.3, MG6b 46.2       |    |    |    |
| Diagnosis. Species-rich mesotrophic grassland on the north-facing slopes has affinities with the NVC type <b>MG5b Cynosurus cristatus-Centaurea nigra grassland, Galium verum sub-community</b> . |    |    |    |

Table 8.13. Floristic (NVC-style) table for 5 two-metre square quadrats in calcicolous grassland at Target Note 111.

| Species                                             | Q1 | Q2 | Q3 | Q4 | Q5 | Frq. | Cov. |
|-----------------------------------------------------|----|----|----|----|----|------|------|
| <i>Bromopsis erecta</i>                             | 7  | 7  | 7  | 7  | 7  | V    | 7    |
| <i>Festuca rubra</i>                                | 7  | 7  | 7  | 7  | 7  | V    | 7    |
| <i>Plantago lanceolata</i>                          | 6  | 5  | 3  | 6  | 3  | V    | 3-6  |
| <i>Centaurea debeauxii</i>                          | 4  | 6  | 6  | 3  | 3  | V    | 3-6  |
| <i>Lotus corniculatus</i>                           | 3  | 3  | 4  | 5  | 5  | V    | 3-5  |
| <i>Dactylis glomerata</i>                           | 4  | 3  | 3  | 3  | 3  | V    | 3-4  |
| <i>Achillea millefolium</i>                         | 3  | 3  | 3  | 3  | 3  | V    | 3    |
| <i>Leontodon hispidus</i>                           | 3  | 2  | 2  | 3  | 3  | V    | 2-3  |
| <i>Trifolium pratense</i>                           | 2  | 2  | 2  | 3  | 2  | V    | 2-3  |
| <i>Senecio jacobaea</i>                             | 1  | 3  | 2  | 1  | 2  | V    | 1-3  |
| <i>Poa pratensis</i>                                | -  | 3  | 3  | 2  | 3  | IV   | 2-3  |
| <i>Galium verum</i>                                 | 3  | 3  | 1  | -  | 2  | IV   | 1-3  |
| <i>Brachythecium rutabulum</i>                      | -  | 2  | 1  | 1  | 2  | IV   | 1-2  |
| <i>Galium mollugo</i>                               | 2  | 2  | 2  | -  | 1  | IV   | 1-2  |
| <i>Ranunculus bulbosus</i>                          | 1  | -  | 1  | 2  | 2  | IV   | 1-2  |
| <i>Scorzoneroide autumnalis</i>                     | 1  | 1  | 1  | 2  | -  | IV   | 1-2  |
| <i>Taraxacum</i> sect. <i>Ruderalia</i>             | 2  | 1  | -  | 2  | 2  | IV   | 1-2  |
| <i>Brachypodium pinnatum</i>                        | 4  | -  | 3  | -  | 3  | III  | 3-4  |
| <i>Agrostis stolonifera</i>                         | -  | 3  | 3  | 3  | -  | III  | 3    |
| <i>Avenula pubescens</i>                            | 2  | 3  | 3  | -  | -  | III  | 2-3  |
| <i>Poterium sanguisorba</i> ssp. <i>sanguisorba</i> | -  | 2  | 1  | 2  | -  | III  | 1-2  |
| <i>Arenaria serpyllifolia</i>                       | -  | 1  | 1  | -  | 1  | III  | 1    |
| <i>Trifolium repens</i>                             | -  | -  | -  | 3  | 3  | II   | 3    |
| <i>Koeleria macrantha</i>                           | -  | -  | 3  | 2  | -  | II   | 2-3  |
| <i>Poa humilis</i>                                  | 3  | -  | -  | 2  | -  | II   | 2-3  |
| <i>Daucus carota</i> ssp. <i>carota</i>             | 2  | -  | 1  | -  | -  | II   | 1-2  |
| <i>Linum catharticum</i>                            | 1  | -  | 2  | -  | -  | II   | 1-2  |
| <i>Phleum bertolonii</i>                            | 2  | -  | -  | 1  | -  | II   | 1-2  |
| <i>Bellis perennis</i>                              | 1  | -  | -  | 1  | -  | II   | 1    |
| <i>Bromus hordeaceus</i>                            | -  | -  | -  | 1  | 1  | II   | 1    |
| <i>Cerastium fontanum</i>                           | 1  | -  | 1  | -  | -  | II   | 1    |
| <i>Crepis capillaris</i>                            | 1  | 1  | -  | -  | -  | II   | 1    |
| <i>Euphrasia species</i>                            | 1  | -  | 1  | -  | -  | II   | 1    |
| <i>Oxyrhynchium hians</i>                           | -  | 1  | -  | -  | 1  | II   | 1    |
| <i>Anthyllis vulneraria</i>                         | -  | -  | 2  | -  | -  | I    | 2    |
| <i>Briza media</i>                                  | -  | -  | 2  | -  | -  | I    | 2    |
| <i>Cirsium acaule</i>                               | -  | -  | 1  | -  | -  | I    | 1    |
| <i>Cirsium arvense</i>                              | 1  | -  | -  | -  | -  | I    | 1    |
| <i>Crataegus monogyna</i>                           | 1  | -  | -  | -  | -  | I    | 1    |
| <i>Geranium molle</i>                               | -  | 1  | -  | -  | -  | I    | 1    |
| <i>Homalothecium lutescens</i>                      | -  | -  | 1  | -  | -  | I    | 1    |
| <i>Lolium perenne</i>                               | -  | -  | -  | 1  | -  | I    | 1    |
| <i>Pimpinella saxifraga</i>                         | -  | -  | -  | 1  | -  | I    | 1    |

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|                                  |   |   |   |   |   |   |   |
|----------------------------------|---|---|---|---|---|---|---|
| <i>Phyteuma orbiculare</i>       | - | - | 1 | - | - | I | 1 |
| <i>Rhytidadelphus squarrosus</i> | - | - | - | 1 | - | I | 1 |
| <i>Stellaria media</i>           | - | - | - | 1 | - | I | 1 |
| <i>Veronica chamaedrys</i>       | 1 | - | - | - | - | I | 1 |

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Matching coefficients: MG5b 53.4, SD8a 51.5, MG5 undifferentiated 48.8, SD8 undifferentiated 48.0, CG6 undifferentiated 47.7, CG2c 47.6, SD8d 47.5, CG6a 47.5, CG3d 47.4, CG7 undifferentiated 47.0

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Diagnosis. This is clearly neither mesotrophic grassland referable to the NVC type **MG5 *Cynosurus cristatus*-*Centaurea nigra* grassland** nor dune grassland referable to the NVC type **SD8 *Festuca rubra*-*Galium verum* fixed dune grassland** despite the top matching coefficients. It almost certainly represents a transition from a mosaic of calcicolous grassland referable to the NVC types **CG2c *Festuca ovina*-*Avenula pratensis* grassland**, ***Holcus lanatus*-*Trifolium repens* sub-community** and **CG3d *Bromus erectus* grassland** on the one hand, and semi-improved grassland on the top of Tottington Mount loosely referable to the NVC type **MG6 *Lolium perenne*-*Cynosurus cristatus* grassland**.

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Table 8.14. Floristic (NVC-style) table for 5 two-metre square quadrats in open calcicolous grassland on a steep slope at Target Note 111 (2).

| Species                                             | Q1 | Q2 | Q3 | Q4 | Q5 | Frequent. | Cover |
|-----------------------------------------------------|----|----|----|----|----|-----------|-------|
| <i>Bromopsis erecta</i>                             | 6  | 5  | 5  | 6  | 6  | V         | 5-6   |
| <i>Festuca ovina</i>                                | 6  | 5  | 5  | 5  | 5  | V         | 5-6   |
| <i>Achillea millefolium</i>                         | 1  | 3  | 2  | 2  | 2  | V         | 1-3   |
| <i>Arenaria serpyllifolia</i>                       | 1  | 3  | 2  | 3  | 3  | V         | 1-3   |
| <i>Brachypodium pinnatum</i>                        | 3  | 5  | 5  | 4  | 4  | V         | 3-5   |
| <i>Galium mollugo</i>                               | 2  | 4  | 1  | 1  | 1  | V         | 1-4   |
| <i>Galium verum</i>                                 | 1  | 2  | 3  | 2  | 2  | V         | 1-3   |
| <i>Homalothecium lutescens</i>                      | 4  | 3  | 4  | 3  | 3  | V         | 3-4   |
| <i>Linum catharticum</i>                            | 3  | 3  | 2  | 2  | 3  | V         | 2-3   |
| <i>Lotus corniculatus</i>                           | 5  | 3  | 3  | 2  | 4  | V         | 2-5   |
| <i>Poterium sanguisorba</i> ssp. <i>sanguisorba</i> | 2  | 5  | 6  | 4  | 5  | V         | 2-6   |
| <i>Bellis perennis</i>                              | 1  | -  | 1  | 1  | 2  | IV        | 1-2   |
| <i>Centaurea debeauxii</i>                          | -  | 3  | 3  | 4  | 5  | IV        | 3-5   |
| <i>Dactylis glomerata</i>                           | 2  | -  | 1  | 1  | 1  | IV        | 1-2   |
| <i>Helianthemum nummularium</i>                     | 2  | 3  | 4  | 1  | -  | IV        | 1-4   |
| <i>Koeleria macrantha</i>                           | -  | 1  | 1  | 2  | 2  | IV        | 1-2   |
| <i>Leontodon hispidus</i>                           | -  | 5  | 5  | 6  | 5  | IV        | 5-6   |
| <i>Medicago lupulina</i>                            | -  | 4  | 2  | 3  | 3  | IV        | 2-4   |
| <i>Phleum bertolonii</i>                            | 2  | 1  | 1  | -  | 1  | IV        | 1-2   |
| <i>Pimpinella saxifraga</i>                         | 2  | 2  | 1  | -  | 1  | IV        | 1-2   |
| <i>Ranunculus bulbosus</i>                          | 1  | 3  | 2  | 1  | -  | IV        | 1-3   |
| <i>Senecio jacobaea</i>                             | -  | 2  | 1  | 1  | 1  | IV        | 1-2   |
| <i>Trifolium pratense</i>                           | -  | 3  | 3  | 2  | 2  | IV        | 2-1   |
| <i>Agrostis stolonifera</i>                         | 2  | -  | 1  | 1  | -  | III       | 1-2   |
| <i>Briza media</i>                                  | 2  | 3  | 2  | -  | -  | III       | 2-3   |
| <i>Cerastium fontanum</i>                           | -  | 2  | -  | 1  | 1  | III       | 1-2   |
| <i>Ononis repens</i>                                | 2  | 2  | 2  | -  | -  | III       | 2     |
| <i>Plantago lanceolata</i>                          | 2  | -  | 1  | 3  | -  | III       | 1-3   |
| <i>Taraxacum</i> sect. <i>Ruderalia</i>             | -  | 2  | 3  | -  | 1  | III       | 1-3   |
| <i>Thymus polytrichus</i>                           | -  | 1  | 1  | 1  | -  | III       | 1     |
| <i>Poa humilis</i>                                  | 3  | -  | -  | -  | 1  | II        | 1-3   |
| <i>Prunella vulgaris</i>                            | -  | 2  | -  | -  | 1  | II        | 1-2   |
| <i>Agrostis capillaris</i>                          | 3  | -  | -  | -  | -  | I         | 3     |
| <i>Asperula cynanchica</i>                          | -  | -  | 3  | -  | -  | I         | 3     |
| <i>Blackstonia perfoliata</i>                       | -  | -  | -  | -  | 1  | I         | 1     |
| <i>Campanula rotundifolia</i>                       | -  | -  | 1  | -  | -  | I         | 1     |
| <i>Carex flacca</i>                                 | -  | 2  | -  | -  | -  | I         | 2     |
| <i>Catapodium rigidum</i>                           | 2  | -  | -  | -  | -  | I         | 2     |
| <i>Daucus carota</i> ssp. <i>carota</i>             | -  | 2  | -  | -  | -  | I         | 2     |
| <i>Hippocrepis comosa</i>                           | 3  | -  | -  | -  | -  | I         | 3     |
| <i>Leucanthemum vulgare</i>                         | -  | -  | -  | 3  | -  | I         | 3     |
| <i>Oxyrhynchium hians</i>                           | 1  | -  | -  | -  | -  | I         | 1     |
| <i>Phyteuma orbiculare</i>                          | 2  | -  | -  | -  | -  | I         | 2     |
| <i>Picris hieracioides</i>                          | -  | -  | -  | 2  | -  | I         | 2     |
| <i>Pilosella officinarum</i>                        | 1  | -  | -  | -  | -  | I         | 1     |

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|                                 |   |   |   |   |   |   |   |
|---------------------------------|---|---|---|---|---|---|---|
| <i>Scorzoneroide autumnalis</i> | 4 | - | - | - | - | I | 4 |
| <i>Veronica chamaedrys</i>      | - | 2 | - | - | - | I | 2 |

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Matching coefficients: CG3b 60.7, CG2 undifferentiated 58.2, CG3c 57.7, CG2c 57.7, CG2b 57, CG3 undifferentiated 56.5, CG2a 55.6, CG3a 55.6, CG4b 55.1, CG2d 54.4

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Diagnosis. On steeper slopes, species-rich swards are variously dominated by *Bromopsis erecta* (Upright Brome) and *Festuca ovina* (Sheep's-fescue) and probably represent the NVC types **CG2 *Festuca ovina*-*Avenula pratensis* grassland** undifferentiated and **CG3b *Bromus erectus* grassland, *Centaurea nigra* sub-community** in mosaic and transition.

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Table 8.15. Floristic (NVC-style) table for 5 two-metre square quadrats in coarse calcicolous grassland at Target Note 111c.

| Species                                             | Q1 | Q2 | Q3 | Q4 | Q5 | Frq. | Cov.  |
|-----------------------------------------------------|----|----|----|----|----|------|-------|
| <i>Brachypodium pinnatum</i>                        | 8  | 8  | 8  | 8  | 9  | V    | 8 - 9 |
| <i>Festuca rubra</i>                                | 3  | 3  | 4  | 4  | 3  | V    | 3 - 4 |
| <i>Trifolium pratense</i>                           | 3  | 3  | 2  | 2  | 2  | V    | 2 - 3 |
| <i>Bromopsis erecta</i>                             | 1  | 3  | 1  | 3  | 3  | V    | 1 - 3 |
| <i>Carex flacca</i>                                 | 2  | 1  | 3  | 1  | 2  | V    | 1 - 3 |
| <i>Dactylis glomerata</i>                           | 1  | 1  | 3  | 1  | 1  | V    | 1 - 3 |
| <i>Lotus corniculatus</i>                           | 3  | 1  | 3  | 1  | 2  | V    | 1 - 3 |
| <i>Pimpinella saxifraga</i>                         | 1  | 1  | 1  | 1  | 2  | V    | 1 - 2 |
| <i>Ranunculus bulbosus</i>                          | 2  | 1  | 1  | 1  | 1  | V    | 1 - 2 |
| <i>Trisetum flavescens</i>                          | 2  | 2  | 3  | 1  | 1  | V    | 1 - 3 |
| <i>Vicia cracca</i>                                 | 1  | 4  | -  | 3  | 3  | IV   | 1 - 4 |
| <i>Briza media</i>                                  | 2  | 3  | -  | 3  | 2  | IV   | 2 - 3 |
| <i>Avenula pratensis</i>                            | -  | 1  | 1  | 3  | 2  | IV   | 1 - 3 |
| <i>Holcus lanatus</i>                               | 2  | 2  | 3  | 1  | -  | IV   | 1 - 3 |
| <i>Poa humilis</i>                                  | 2  | 2  | 3  | -  | 1  | IV   | 1 - 3 |
| <i>Festuca ovina</i>                                | 1  | 1  | -  | 4  | -  | III  | 1 - 4 |
| <i>Linum catharticum</i>                            | 2  | -  | -  | 1  | 1  | III  | 1 - 2 |
| <i>Medicago lupulina</i>                            | -  | -  | 2  | 2  | 1  | III  | 1 - 2 |
| <i>Achillea millefolium</i>                         | 1  | 1  | -  | 1  | -  | III  | 1     |
| <i>Cirsium acaule</i>                               | 1  | -  | 1  | 1  | -  | III  | 1     |
| <i>Poterium sanguisorba</i> ssp. <i>sanguisorba</i> | 1  | 1  | 1  | -  | -  | III  | 1     |
| <i>Trifolium repens</i>                             | 2  | 2  | -  | -  | -  | II   | 2     |
| <i>Agrostis stolonifera</i>                         | 1  | -  | 2  | -  | -  | II   | 1 - 2 |
| <i>Leontodon hispidus</i>                           | 2  | -  | -  | -  | 1  | II   | 1 - 2 |
| <i>Viola hirta</i>                                  | 2  | 1  | -  | -  | -  | II   | 1 - 2 |
| <i>Galium verum</i>                                 | 1  | 1  | -  | -  | -  | II   | 1     |
| <i>Filipendula vulgaris</i>                         | -  | -  | -  | 1  | 1  | II   | 1     |
| <i>Koeleria macrantha</i>                           | -  | -  | -  | 1  | 1  | II   | 1     |
| <i>Plantago lanceolata</i>                          | -  | -  | -  | 1  | 1  | II   | 1     |
| <i>Primula veris</i>                                | 2  | -  | -  | -  | -  | I    | 2     |
| <i>Carex caryophyllea</i>                           | -  | -  | -  | -  | 1  | I    | 1     |
| <i>Cerastium fontanum</i>                           | -  | -  | 1  | -  | -  | I    | 1     |
| <i>Cynosurus cristatus</i>                          | -  | 1  | -  | -  | -  | I    | 1     |
| <i>Danthonia decumbens</i>                          | -  | -  | -  | 1  | -  | I    | 1     |
| <i>Phleum bertolonii</i>                            | 1  | -  | -  | -  | -  | I    | 1     |
| <i>Phyteuma orbiculare</i>                          | -  | -  | -  | 1  | -  | I    | 1     |
| <i>Pilosella officinarum</i>                        | -  | -  | -  | 1  | -  | I    | 1     |
| <i>Poa trivialis</i>                                | -  | -  | -  | 1  | -  | I    | 1     |
| <i>Polygala vulgaris</i>                            | 1  | -  | -  | -  | -  | I    | 1     |
| <i>Prunella vulgaris</i>                            | -  | 1  | -  | -  | -  | I    | 1     |
| <i>Scabiosa columbaria</i>                          | -  | -  | -  | 1  | -  | I    | 1     |
| <i>Senecio jacobaea</i>                             | -  | -  | -  | 1  | -  | I    | 1     |
| <i>Veronica chamaedrys</i>                          | -  | 1  | -  | -  | -  | I    | 1     |

Matching coefficients: CG3c 61.5, CG6a 61.4, CG3 undifferentiated 61.3, CG3a 61.2, CG6

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undifferentiated 61.0, CG2c 60.8, CG4 undifferentiated 60.0, CG3b 59.5, CG2 undifferentiated 58.0, CG5a 57.9

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Diagnosis. Though the consistently high cover of *Brachypodium pinnatum* suggests that this sward might be referable to the NVC type **CG4 *Brachypodium pinnatum* grassland** nevertheless the constancy of *Bromopsis erecta* and *Festuca rubra* combined with generally high cover of dicotyledonous herbs including a wide range of strong calcicoles, e.g. *Cirsium acaule*, *Phyteuma orbiculare*, *Scabiosa columbaria*, suggests that it has to be regarded as transitional from CG4 to shorter calcicolous swards, perhaps **CG2c *Festuca ovina*-*Avenula pratensis* grassland**, ***Holcus lanatus*-*Trifolium repens* sub-community** and **CG3c *Bromus erectus* grassland undifferentiated** in mosaic and transition.

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Table 8.16. Floristic (NVC-style) table for 5 two-metre square quadrats in short-turf calcicolous grassland at Target Notes 111c and 111d.

| Species                                             | Q1 | Q2 | Q3 | Q4 | Q5 | Frq. | Cov.  |
|-----------------------------------------------------|----|----|----|----|----|------|-------|
| <i>Festuca ovina</i>                                | 6  | 6  | 6  | 7  | 7  | V    | 6 - 7 |
| <i>Carex flacca</i>                                 | 4  | 5  | 5  | 3  | 4  | V    | 3 - 5 |
| <i>Lotus corniculatus</i>                           | 5  | 3  | 5  | 3  | 4  | V    | 3 - 5 |
| <i>Bromopsis erecta</i>                             | 2  | 4  | 5  | 5  | 4  | V    | 2 - 5 |
| <i>Brachypodium pinnatum</i>                        | 3  | 2  | 5  | 2  | 1  | V    | 1 - 5 |
| <i>Poterium sanguisorba</i> ssp. <i>sanguisorba</i> | 3  | 5  | 4  | 1  | 1  | V    | 1 - 5 |
| <i>Dactylis glomerata</i>                           | 3  | 3  | 4  | 3  | 3  | V    | 3 - 4 |
| <i>Agrostis stolonifera</i>                         | 3  | 2  | 2  | 3  | 4  | V    | 2 - 4 |
| <i>Plantago lanceolata</i>                          | 3  | 4  | 2  | 2  | 1  | V    | 1 - 4 |
| <i>Trifolium pratense</i>                           | 1  | 4  | 3  | 3  | 1  | V    | 1 - 4 |
| <i>Viola hirta</i>                                  | 4  | 2  | 1  | 2  | 2  | V    | 1 - 4 |
| <i>Centaurea debeauxii</i>                          | 2  | 3  | 1  | 2  | 2  | V    | 1 - 3 |
| <i>Medicago lupulina</i>                            | 1  | 1  | 3  | 2  | 3  | V    | 1 - 3 |
| <i>Ranunculus bulbosus</i>                          | 2  | 1  | 1  | 2  | 1  | V    | 1 - 2 |
| <i>Trifolium repens</i>                             | 2  | -  | 3  | 1  | 4  | IV   | 1 - 4 |
| <i>Linum catharticum</i>                            | -  | 2  | 3  | 2  | 3  | IV   | 2 - 3 |
| <i>Prunella vulgaris</i>                            | 2  | 2  | 3  | 2  | -  | IV   | 2 - 3 |
| <i>Cirsium acaule</i>                               | 2  | 1  | -  | 3  | 1  | IV   | 1 - 3 |
| <i>Holcus lanatus</i>                               | 2  | 1  | 1  | 1  | -  | IV   | 1 - 2 |
| <i>Primula veris</i>                                | 1  | -  | 2  | 2  | 1  | IV   | 1 - 2 |
| <i>Briza media</i>                                  | -  | -  | 3  | 3  | 3  | III  | 3     |
| <i>Leontodon hispidus</i>                           | 3  | 3  | 3  | -  | -  | III  | 3     |
| <i>Carex caryophylla</i>                            | -  | -  | 1  | 1  | 3  | III  | 1 - 3 |
| <i>Galium verum</i>                                 | 1  | -  | 2  | 3  | -  | III  | 1 - 3 |
| <i>Koeleria macrantha</i>                           | -  | -  | 1  | 2  | 3  | III  | 1 - 3 |
| <i>Phleum bertolonii</i>                            | -  | 1  | 2  | 1  | -  | III  | 1 - 2 |
| <i>Senecio jacobaea</i>                             | 2  | 1  | 1  | -  | -  | III  | 1 - 2 |
| <i>Trisetum flavescens</i>                          | 2  | -  | -  | 1  | 2  | III  | 1 - 2 |
| <i>Cerastium fontanum</i>                           | 1  | 1  | -  | -  | 1  | III  | 1     |
| <i>Luzula campestris</i>                            | 1  | 1  | -  | -  | 1  | III  | 1     |
| <i>Veronica chamaedrys</i>                          | 4  | 3  | -  | -  | -  | II   | 3 - 4 |
| <i>Pimpinella saxifraga</i>                         | -  | 2  | -  | 2  | -  | II   | 2     |
| <i>Mentha arvensis</i>                              | 2  | 1  | -  | -  | -  | II   | 1 - 2 |
| <i>Avenula pratensis</i>                            | -  | -  | 1  | 1  | -  | II   | 1     |
| <i>Campanula rotundifolia</i>                       | 1  | -  | -  | 1  | -  | II   | 1     |
| <i>Pseudoscleropodium purum</i>                     | -  | 1  | -  | -  | 1  | II   | 1     |
| <i>Senecio erucifolius</i>                          | 1  | 1  | -  | -  | -  | II   | 1     |
| <i>Taraxacum</i> sect. <i>Ruderalia</i>             | -  | -  | -  | 1  | 1  | II   | 1     |
| <i>Galium mollugo</i>                               | 4  | -  | -  | -  | -  | I    | 4     |
| <i>Asperula cynanchica</i>                          | -  | -  | -  | -  | 2  | I    | 2     |
| <i>Polygala vulgaris</i>                            | -  | 2  | -  | -  | -  | I    | 2     |
| <i>Achillea millefolium</i>                         | 1  | -  | -  | -  | -  | I    | 1     |
| <i>Agrimonia eupatoria</i>                          | -  | 1  | -  | -  | -  | I    | 1     |
| <i>Anacamptis pyramidalis</i>                       | 1  | -  | -  | -  | -  | I    | 1     |
| <i>Calliergon cuspidatum</i>                        | -  | 1  | -  | -  | -  | I    | 1     |

|                              |   |   |   |   |   |   |   |
|------------------------------|---|---|---|---|---|---|---|
| <i>Cynosurus cristatus</i>   | - | - | - | 1 | - | I | 1 |
| <i>Dactylorhiza fuchsii</i>  | - | 1 | - | - | - | I | 1 |
| <i>Filipendula vulgaris</i>  | 1 | - | - | - | - | I | 1 |
| <i>Phyteuma orbiculare</i>   | - | - | - | - | 1 | I | 1 |
| <i>Plagiomnium undulatum</i> | - | - | - | - | 1 | I | 1 |
| <i>Scabiosa columbaria</i>   | - | 1 | - | - | - | I | 1 |
| <i>Thymus polytrichus</i>    | - | - | 1 | - | - | I | 1 |
| <i>Vicia cracca</i>          | - | - | - | 1 | - | I | 1 |

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Matching coefficients: CG2c 68.7, CG3c 68.6, CG3 undifferentiated 65.1, CG2 undifferentiated 64.8, CG3a 63.8, CG3b 63.3, CG2b 62.7, CG2a 62.5, CG2d 61.1, CG6a 60.6

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Diagnosis. The constancy of such relatively mesotrophic species as *Holcus lanatus*, *Trifolium pratense* and *Trifolium repens* in this very species-rich sward means that it is probably referable overall to the NVC type **CG2c *Festuca ovina*-*Avenula pratensis* grassland**, ***Holcus lanatus*-*Trifolium repens* sub-community** though patches within it may be referable to **CG2a *Festuca ovina*-*Avenula pratensis* grassland**, ***Cirsium acaule*-*Asperula cynanchica* sub-community** and the abundance of *Bromopsis erecta* locally rises to levels that suggest just the beginning of transitions to **CG3 *Bromus erectus* grassland undifferentiated** which is common nearby.

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Table 8.17. Floristic (NVC-style) table for 5 two-metre square quadrats in coarse calcicolous grassland at Target Note 111d.

| Species                                                                                                                                                                             | Q1 | Q2 | Q3 | Q4 | Q5 | Frq. | Cov.  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|----|----|----|----|------|-------|
| <i>Arrhenatherum elatius</i>                                                                                                                                                        | 7  | 8  | 8  | 8  | 7  | V    | 7 - 8 |
| <i>Festuca rubra</i>                                                                                                                                                                | 6  | 2  | 2  | 2  | 3  | V    | 2 - 6 |
| <i>Galium mollugo</i>                                                                                                                                                               | 5  | 6  | 4  | 1  | 4  | V    | 1 - 6 |
| <i>Achillea millefolium</i>                                                                                                                                                         | 3  | 1  | 1  | 3  | 2  | V    | 1 - 3 |
| <i>Veronica chamaedrys</i>                                                                                                                                                          | 1  | 3  | 2  | 1  | 2  | V    | 1 - 3 |
| <i>Holcus lanatus</i>                                                                                                                                                               | 2  | 1  | 2  | 2  | 2  | V    | 1 - 2 |
| <i>Dactylis glomerata</i>                                                                                                                                                           | 1  | 4  | -  | 1  | 2  | IV   | 1 - 4 |
| <i>Galium verum</i>                                                                                                                                                                 | 3  | -  | 1  | 3  | 3  | IV   | 1 - 3 |
| <i>Poa humilis</i>                                                                                                                                                                  | 2  | -  | 2  | 1  | 3  | IV   | 1 - 3 |
| <i>Cirsium arvense</i>                                                                                                                                                              | 1  | 1  | 1  | 2  | -  | IV   | 1 - 2 |
| <i>Brachypodium pinnatum</i>                                                                                                                                                        | -  | -  | 7  | 8  | 8  | III  | 7 - 8 |
| <i>Centaurea debeauxii</i>                                                                                                                                                          | 5  | 3  | -  | -  | 1  | III  | 1 - 5 |
| <i>Poa trivialis</i>                                                                                                                                                                | 1  | 2  | -  | -  | 1  | III  | 1 - 2 |
| <i>Plantago lanceolata</i>                                                                                                                                                          | 2  | 4  | -  | -  | -  | II   | 2 - 4 |
| <i>Agrimonia eupatoria</i>                                                                                                                                                          | 3  | -  | 1  | -  | -  | II   | 1 - 3 |
| <i>Lotus corniculatus</i>                                                                                                                                                           | 1  | -  | -  | -  | 3  | II   | 1 - 3 |
| <i>Vicia cracca</i>                                                                                                                                                                 | -  | 1  | -  | 3  | -  | II   | 1 - 3 |
| <i>Pimpinella saxifraga</i>                                                                                                                                                         | 1  | 2  | -  | -  | -  | II   | 1 - 2 |
| <i>Cerastium fontanum</i>                                                                                                                                                           | -  | 1  | -  | -  | 1  | II   | 1     |
| <i>Brachypodium sylvaticum</i>                                                                                                                                                      | -  | 4  | -  | -  | -  | I    | 4     |
| <i>Glechoma hederacea</i>                                                                                                                                                           | -  | 2  | -  | -  | -  | I    | 2     |
| <i>Senecio erucifolius</i>                                                                                                                                                          | 2  | -  | -  | -  | -  | I    | 2     |
| <i>Hypericum perforatum</i>                                                                                                                                                         | -  | 1  | -  | -  | -  | I    | 1     |
| <i>Lathyrus pratensis</i>                                                                                                                                                           | -  | -  | -  | 1  | -  | I    | 1     |
| <i>Phleum bertolonii</i>                                                                                                                                                            | -  | -  | 1  | -  | -  | I    | 1     |
| <i>Ranunculus repens</i>                                                                                                                                                            | 1  | -  | -  | -  | -  | I    | 1     |
| <i>Senecio jacobaea</i>                                                                                                                                                             | -  | 1  | -  | -  | -  | I    | 1     |
| Matching coefficients: MG1e 56.9, MG1 undifferentiated 54.8, MG1a 54.8, MG1d 54.4, MG9b 51.1, SD9a 50.3, SD9 undifferentiated 47.5, MG1b 46.5, MG1c 46.4, MG9 undifferentiated 45.9 |    |    |    |    |    |      |       |
| Diagnosis. This sward is clearly referable to the NVC type <b>MG1e <i>Arrhenatherum elatius</i> grassland, <i>Centaurea nigra</i> sub-community.</b>                                |    |    |    |    |    |      |       |

Table 8.18. Floristic (NVC-style) table for 5 two-metre square quadrats in marginally calcicolous grassland on a steep slope at Target Note 111e.

| Species                                                                                                                                                                                                                                                                                                                                                                                                                       | Q1 | Q2 | Q3 | Q4 | Q5 | Frq. | Cov.  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|----|----|----|----|------|-------|
| <i>Festuca ovina</i>                                                                                                                                                                                                                                                                                                                                                                                                          | 8  | 8  | 8  | 8  | 5  | V    | 5 - 8 |
| <i>Pseudoscleropodium purum</i>                                                                                                                                                                                                                                                                                                                                                                                               | 3  | 3  | 8  | 5  | 8  | V    | 3 - 8 |
| <i>Veronica chamaedrys</i>                                                                                                                                                                                                                                                                                                                                                                                                    | 5  | 5  | 6  | 5  | 5  | V    | 5 - 6 |
| <i>Trifolium repens</i>                                                                                                                                                                                                                                                                                                                                                                                                       | 3  | 1  | 3  | 4  | 5  | V    | 1 - 5 |
| <i>Dactylis glomerata</i>                                                                                                                                                                                                                                                                                                                                                                                                     | 4  | 4  | 3  | 4  | 3  | V    | 3 - 4 |
| <i>Holcus lanatus</i>                                                                                                                                                                                                                                                                                                                                                                                                         | 3  | 4  | 3  | 4  | 3  | V    | 3 - 4 |
| <i>Crepis capillaris</i>                                                                                                                                                                                                                                                                                                                                                                                                      | 3  | 1  | 1  | 1  | 1  | V    | 1 - 3 |
| <i>Cerastium fontanum</i>                                                                                                                                                                                                                                                                                                                                                                                                     | 1  | 1  | 1  | 2  | 1  | V    | 1 - 2 |
| <i>Agrostis capillaris</i>                                                                                                                                                                                                                                                                                                                                                                                                    | 2  | -  | 1  | 3  | 5  | IV   | 1 - 5 |
| <i>Medicago lupulina</i>                                                                                                                                                                                                                                                                                                                                                                                                      | -  | 5  | 1  | 3  | 4  | IV   | 1 - 5 |
| <i>Brachypodium sylvaticum</i>                                                                                                                                                                                                                                                                                                                                                                                                | 2  | -  | 2  | 1  | 4  | IV   | 1 - 4 |
| <i>Cirsium arvense</i>                                                                                                                                                                                                                                                                                                                                                                                                        | 2  | -  | 1  | 4  | 3  | IV   | 1 - 4 |
| <i>Ranunculus repens</i>                                                                                                                                                                                                                                                                                                                                                                                                      | -  | 1  | 3  | 1  | 2  | IV   | 1 - 3 |
| <i>Prunella vulgaris</i>                                                                                                                                                                                                                                                                                                                                                                                                      | -  | 2  | 1  | -  | 2  | III  | 1 - 2 |
| <i>Trisetum flavescens</i>                                                                                                                                                                                                                                                                                                                                                                                                    | 1  | 1  | -  | -  | 2  | III  | 1 - 2 |
| <i>Arrhenatherum elatius</i>                                                                                                                                                                                                                                                                                                                                                                                                  | 1  | 1  | 1  | -  | -  | III  | 1     |
| <i>Glechoma hederacea</i>                                                                                                                                                                                                                                                                                                                                                                                                     | -  | 1  | 1  | 1  | -  | III  | 1     |
| <i>Achillea millefolium</i>                                                                                                                                                                                                                                                                                                                                                                                                   | -  | -  | -  | 3  | 3  | II   | 3     |
| <i>Brachythecium rutabulum</i>                                                                                                                                                                                                                                                                                                                                                                                                | 1  | 3  | -  | -  | -  | II   | 1 - 3 |
| <i>Galium mollugo</i>                                                                                                                                                                                                                                                                                                                                                                                                         | -  | -  | -  | 2  | 2  | II   | 2     |
| <i>Lotus corniculatus</i>                                                                                                                                                                                                                                                                                                                                                                                                     | -  | -  | -  | 2  | 2  | II   | 2     |
| <i>Bellis perennis</i>                                                                                                                                                                                                                                                                                                                                                                                                        | -  | 1  | -  | -  | 2  | II   | 1 - 2 |
| <i>Calliargon cuspidatum</i>                                                                                                                                                                                                                                                                                                                                                                                                  | 2  | -  | -  | -  | 1  | II   | 1 - 2 |
| <i>Phleum bertolonii</i>                                                                                                                                                                                                                                                                                                                                                                                                      | -  | -  | -  | 1  | 1  | II   | 1     |
| <i>Homalothecium lutescens</i>                                                                                                                                                                                                                                                                                                                                                                                                | -  | 3  | -  | -  | -  | I    | 3     |
| <i>Plagiomnium undulatum</i>                                                                                                                                                                                                                                                                                                                                                                                                  | 3  | -  | -  | -  | -  | I    | 3     |
| <i>Brachypodium pinnatum</i>                                                                                                                                                                                                                                                                                                                                                                                                  | -  | -  | -  | -  | 2  | I    | 2     |
| <i>Carduus crispus</i>                                                                                                                                                                                                                                                                                                                                                                                                        | -  | -  | 1  | -  | -  | I    | 1     |
| <i>Geranium dissectum</i>                                                                                                                                                                                                                                                                                                                                                                                                     | -  | -  | -  | -  | 1  | I    | 1     |
| <i>Geranium molle</i>                                                                                                                                                                                                                                                                                                                                                                                                         | -  | 1  | -  | -  | -  | I    | 1     |
| <i>Myosotis arvensis</i>                                                                                                                                                                                                                                                                                                                                                                                                      | 1  | -  | -  | -  | -  | I    | 1     |
| <i>Trifolium pratense</i>                                                                                                                                                                                                                                                                                                                                                                                                     | -  | -  | -  | 1  | -  | I    | 1     |
| <i>Veronica arvensis</i>                                                                                                                                                                                                                                                                                                                                                                                                      | -  | 1  | -  | -  | -  | I    | 1     |
| Matching coefficients: MG6c 46.1, MG1d 45.5, MG6 undifferentiated 44.8, CG4c 44.5, MG6a 43.0, MG6b 42.2, MG1e 40.9, OV23d 40.4, MG5 undifferentiated 40.1, MG5a 39.7                                                                                                                                                                                                                                                          |    |    |    |    |    |      |       |
| Diagnosis. This sward has loose affinities with such calcicolous grassland types as <b>CG6 <i>Avenula pubescens</i> grassland</b> on the one hand, and mesotrophic swards such as <b>MG6c <i>Lolium perenne</i>-<i>Cynosurus cristatus</i> grassland, <i>Trisetum flavescens</i> sub-community</b> on the other. It represents a point somewhere on the transition from nearby CG2, CG3 and CG4 swards to genuine MG6 swards. |    |    |    |    |    |      |       |

Table 8.19. Floristic (NVC-style) table for 1 two-metre square quadrat in coarse calcicolous grassland at Target Note 112.

| Species                                                                                                                                                             | Q1 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| <i>Brachypodium sylvaticum</i>                                                                                                                                      | 8  |
| <i>Arrhenatherum elatius</i>                                                                                                                                        | 4  |
| <i>Galium mollugo</i>                                                                                                                                               | 3  |
| <i>Festuca rubra</i>                                                                                                                                                | 3  |
| <i>Holcus lanatus</i>                                                                                                                                               | 3  |
| <i>Veronica chamaedrys</i>                                                                                                                                          | 3  |
| <i>Dactylis glomerata</i>                                                                                                                                           | 2  |
| <i>Crepis capillaris</i>                                                                                                                                            | 1  |
| <i>Galium aparine</i>                                                                                                                                               | 1  |
| <i>Fraxinus excelsior</i> , seedling                                                                                                                                | 1  |
| <i>Geranium dissectum</i>                                                                                                                                           | 1  |
| <i>Glechoma hederacea</i>                                                                                                                                           | 1  |
| <i>Ranunculus repens</i>                                                                                                                                            | 1  |
| <i>Torilis japonica</i>                                                                                                                                             | 1  |
| Matching coefficients: MG1c 32.6, SD9a 30.5, MG1a 30.5, MG9b 30.0, MG1b 29.1, W24b 29.0, MG1d 28.9, MG1e 28.1, MG1 undifferentiated 28.0, W24 undifferentiated 27.2 |    |
| Diagnosis. From the low and inappropriate matching coefficients it is clear that this stand is not referable to any NVC type.                                       |    |

Table 8.20. Floristic (NVC-style) table for 5 two-metre square quadrats in coarse calcicolous grassland at Target Note 112.

| Species                                                                                                                                                                                                                                                                        | Q1 | Q2 | Q3 | Q4 | Q5 | Frq. | Cov.  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|----|----|----|----|------|-------|
| <i>Brachypodium pinnatum</i>                                                                                                                                                                                                                                                   | 7  | 7  | 8  | 7  | 8  | V    | 7 - 8 |
| <i>Festuca rubra</i>                                                                                                                                                                                                                                                           | 4  | 3  | 4  | 5  | 6  | V    | 3 - 6 |
| <i>Arrhenatherum elatius</i>                                                                                                                                                                                                                                                   | 5  | 3  | 3  | 3  | 3  | V    | 3 - 5 |
| <i>Dactylis glomerata</i>                                                                                                                                                                                                                                                      | 3  | 2  | 2  | 3  | 3  | V    | 2 - 3 |
| <i>Veronica chamaedrys</i>                                                                                                                                                                                                                                                     | 2  | 3  | 3  | 2  | 3  | V    | 2 - 3 |
| <i>Holcus lanatus</i>                                                                                                                                                                                                                                                          | 3  | -  | 3  | 3  | 3  | IV   | 3     |
| <i>Trisetum flavescens</i>                                                                                                                                                                                                                                                     | 3  | 2  | -  | 3  | 3  | IV   | 2 - 3 |
| <i>Bromopsis erecta</i>                                                                                                                                                                                                                                                        | 1  | -  | 2  | 2  | 2  | IV   | 1 - 2 |
| <i>Pimpinella saxifraga</i>                                                                                                                                                                                                                                                    | -  | -  | 2  | 2  | 3  | III  | 2 - 3 |
| <i>Torilis japonica</i>                                                                                                                                                                                                                                                        | 1  | 1  | 1  | -  | -  | III  | 1     |
| <i>Galium mollugo</i>                                                                                                                                                                                                                                                          | -  | 4  | 4  | -  | -  | II   | 4     |
| <i>Lotus corniculatus</i>                                                                                                                                                                                                                                                      | -  | -  | -  | 3  | 4  | II   | 3 - 4 |
| <i>Brachypodium sylvaticum</i>                                                                                                                                                                                                                                                 | -  | 4  | -  | -  | 2  | II   | 2 - 4 |
| <i>Pseudoscleropodium purum</i>                                                                                                                                                                                                                                                | -  | -  | -  | 1  | 4  | II   | 1 - 4 |
| <i>Trifolium repens</i>                                                                                                                                                                                                                                                        | -  | -  | -  | 3  | 3  | II   | 3     |
| <i>Rhytidadelphus squarrosus</i>                                                                                                                                                                                                                                               | -  | -  | -  | 2  | 3  | II   | 2 - 3 |
| <i>Poa trivialis</i>                                                                                                                                                                                                                                                           | 2  | -  | 2  | -  | -  | II   | 2     |
| <i>Anacamptis pyramidalis</i>                                                                                                                                                                                                                                                  | 2  | -  | -  | -  | 1  | II   | 1 - 2 |
| <i>Crepis capillaris</i>                                                                                                                                                                                                                                                       | 1  | -  | -  | -  | 1  | II   | 1     |
| <i>Poa humilis</i>                                                                                                                                                                                                                                                             | -  | -  | 1  | 1  | -  | II   | 1     |
| <i>Calliergon cuspidatum</i>                                                                                                                                                                                                                                                   | -  | -  | -  | 3  | -  | I    | 3     |
| <i>Cirsium arvense</i>                                                                                                                                                                                                                                                         | -  | 2  | -  | -  | -  | I    | 2     |
| <i>Medicago lupulina</i>                                                                                                                                                                                                                                                       | -  | -  | -  | -  | 2  | I    | 2     |
| <i>Poterium sanguisorba</i> ssp. <i>sanguisorba</i>                                                                                                                                                                                                                            | -  | -  | -  | -  | 2  | I    | 2     |
| <i>Achillea millefolium</i>                                                                                                                                                                                                                                                    | -  | -  | -  | -  | 1  | I    | 1     |
| <i>Anthoxanthum odoratum</i>                                                                                                                                                                                                                                                   | -  | -  | -  | -  | 1  | I    | 1     |
| <i>Carex flacca</i>                                                                                                                                                                                                                                                            | -  | -  | -  | -  | 1  | I    | 1     |
| <i>Galium verum</i>                                                                                                                                                                                                                                                            | -  | -  | -  | -  | 1  | I    | 1     |
| <i>Heracleum sphondylium</i>                                                                                                                                                                                                                                                   | 1  | -  | -  | -  | -  | I    | 1     |
| <i>Lathyrus pratensis</i>                                                                                                                                                                                                                                                      | 1  | -  | -  | -  | -  | I    | 1     |
| <i>Plantago lanceolata</i>                                                                                                                                                                                                                                                     | -  | -  | -  | -  | 1  | I    | 1     |
| <i>Primula veris</i>                                                                                                                                                                                                                                                           | -  | -  | -  | -  | 1  | I    | 1     |
| <i>Ranunculus bulbosus</i>                                                                                                                                                                                                                                                     | -  | -  | -  | 1  | -  | I    | 1     |
| <i>Schedonorus arundinaceus</i>                                                                                                                                                                                                                                                | -  | 1  | -  | -  | -  | I    | 1     |
| Matching coefficients: SD9 undifferentiated 51.9, MG1e 51.8, SD9b 48.3, CG4c 47.9, SD9a 47.9, MG1 undifferentiated 46.5, MG1a 44.9, CG4 undifferentiated 44.0, MG9b 43.7, CG3d 43.7                                                                                            |    |    |    |    |    |      |       |
| Diagnosis. This sward is probably best regarded as intermediate between <b>CG4c <i>Brachypodium pinnatum</i> grassland</b> , <b><i>Holcus lanatus</i> sub-community</b> and <b>MG1e <i>Arrhenatherum elatius</i> grassland</b> , <b><i>Centaurea nigra</i> sub-community</b> . |    |    |    |    |    |      |       |

Table 8.21. Floristic (NVC-style) table for 3 two-metre square quadrats in marginally calcicolous grassland at Target Note 112.

| Species                                             | Q1 | Q2 | Q3 |
|-----------------------------------------------------|----|----|----|
| <i>Festuca rubra</i>                                | 7  | 7  | 7  |
| <i>Bromopsis erecta</i>                             | 3  | 3  | 5  |
| <i>Lolium perenne</i>                               | 4  | 4  | 3  |
| <i>Veronica chamaedrys</i>                          | 3  | 4  | 4  |
| <i>Dactylis glomerata</i>                           | 2  | 4  | 3  |
| <i>Holcus lanatus</i>                               | 3  | 3  | 3  |
| <i>Trisetum flavescens</i>                          | 3  | 3  | 3  |
| <i>Crepis capillaris</i>                            | 2  | 2  | 3  |
| <i>Pimpinella saxifraga</i>                         | 1  | 1  | 3  |
| <i>Pseudoscleropodium purum</i>                     | 4  | -  | 5  |
| <i>Trifolium repens</i>                             | 4  | 3  | -  |
| <i>Rhytidiadelphus squarrosus</i>                   | 2  | -  | 2  |
| <i>Poterium sanguisorba</i> ssp. <i>sanguisorba</i> | 1  | -  | 1  |
| <i>Brachypodium pinnatum</i>                        | 5  | -  | -  |
| <i>Agrostis stolonifera</i>                         | 3  | -  | -  |
| <i>Campanula rotundifolia</i>                       | -  | -  | 2  |
| <i>Lotus corniculatus</i>                           | 2  | -  | -  |
| <i>Plantago lanceolata</i>                          | -  | -  | 2  |
| <i>Anacamptis pyramidalis</i>                       | -  | -  | 1  |
| <i>Arrhenatherum elatius</i>                        | 1  | -  | -  |
| <i>Avenula pubescens</i>                            | -  | 1  | -  |
| <i>Cerastium fontanum</i>                           | 1  | -  | -  |
| <i>Cirsium vulgare</i>                              | -  | 1  | -  |
| <i>Phleum bertolonii</i>                            | -  | -  | 1  |
| <i>Poa trivialis</i>                                | 1  | -  | -  |
| <i>Primula veris</i>                                | -  | -  | 1  |
| <i>Ranunculus bulbosus</i>                          | -  | 1  | -  |

Matching coefficients: MG6c 46.7, MG1e 44.7, CG4c 44.0, CG3d 43.7, SD9 undifferentiated 42.4, MG6 undifferentiated 42.3, MG5 undifferentiated 42.3, MG6a 42.1, MG5b 42.0, CG6 undifferentiated 41.8

Diagnosis. This sward is loosely referable to the NVC type **MG6c *Lolium perenne*-*Cynosurus cristatus* grassland, *Trisetum flavescens* sub-community**. It represents a point somewhere on the transition from nearby CG2, CG3 and CG4 swards to genuine MG6 swards.

Table 8.22. Floristic (NVC-style) table for 5 two-metre square quadrats in semi-improved grassland at Target Note 112.

| Species                                                                                                                                                              | Q1 | Q2 | Q3 | Q4 | Q5 | Frq. | Cov.  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|----|----|----|----|------|-------|
| <i>Trifolium repens</i>                                                                                                                                              | 8  | 4  | 5  | 5  | 4  | V    | 4 - 8 |
| <i>Lolium perenne</i>                                                                                                                                                | 7  | 7  | 7  | 6  | 7  | V    | 6 - 7 |
| <i>Festuca rubra</i>                                                                                                                                                 | 3  | 6  | 5  | 6  | 6  | V    | 3 - 6 |
| <i>Veronica chamaedrys</i>                                                                                                                                           | 2  | 1  | 5  | 5  | 4  | V    | 1 - 5 |
| <i>Holcus lanatus</i>                                                                                                                                                | 3  | 4  | 1  | 4  | 3  | V    | 1 - 4 |
| <i>Cerastium fontanum</i>                                                                                                                                            | 2  | 1  | 3  | 2  | 3  | V    | 1 - 3 |
| <i>Dactylis glomerata</i>                                                                                                                                            | 1  | 3  | 2  | 1  | 2  | V    | 1 - 3 |
| <i>Cirsium vulgare</i>                                                                                                                                               | 1  | -  | 4  | 2  | 2  | IV   | 1 - 4 |
| <i>Crepis capillaris</i>                                                                                                                                             | -  | 2  | 3  | 2  | 2  | IV   | 2 - 3 |
| <i>Geranium molle</i>                                                                                                                                                | -  | 1  | 3  | 1  | 3  | IV   | 1 - 3 |
| <i>Phleum bertolonii</i>                                                                                                                                             | 1  | 1  | -  | 1  | 2  | IV   | 1 - 2 |
| <i>Trisetum flavescens</i>                                                                                                                                           | -  | 3  | -  | 3  | 4  | III  | 3 - 4 |
| <i>Agrostis stolonifera</i>                                                                                                                                          | 1  | 4  | 3  | -  | -  | III  | 1 - 4 |
| <i>Poa trivialis</i>                                                                                                                                                 | 3  | -  | 2  | -  | 1  | III  | 1 - 3 |
| <i>Urtica dioica</i>                                                                                                                                                 | 1  | 2  | -  | -  | -  | II   | 1 - 2 |
| <i>Brachythecium rutabulum</i>                                                                                                                                       | 1  | -  | 1  | -  | -  | II   | 1     |
| <i>Ranunculus bulbosus</i>                                                                                                                                           | -  | 1  | -  | 1  | -  | II   | 1     |
| <i>Achillea millefolium</i>                                                                                                                                          | 3  | -  | -  | -  | -  | I    | 3     |
| <i>Rumex acetosa</i>                                                                                                                                                 | -  | -  | 3  | -  | -  | I    | 3     |
| <i>Torilis japonica</i>                                                                                                                                              | -  | 2  | -  | -  | -  | I    | 2     |
| <i>Galium mollugo</i>                                                                                                                                                | -  | -  | -  | 1  | -  | I    | 1     |
| <i>Geranium dissectum</i>                                                                                                                                            | -  | -  | 1  | -  | -  | I    | 1     |
| <i>Myosotis arvensis</i>                                                                                                                                             | 1  | -  | -  | -  | -  | I    | 1     |
| <i>Taraxacum sect. Ruderalia</i>                                                                                                                                     | -  | 1  | -  | -  | -  | I    | 1     |
| Matching coefficients: MG6c 56.4, MG6 undifferentiated 52.5, MG6a 52.2, MG6b 49.0, MG7b 48.2, MG7e 46.1, MG7d 45.2, MG7f 44.9, MG1a 43.3, MG9b 42.6                  |    |    |    |    |    |      |       |
| Diagnosis. This sward is referable to the NVC type <b>MG6c <i>Lolium perenne</i>-<i>Cynosurus cristatus</i> grassland, <i>Trisetum flavescens</i> sub-community.</b> |    |    |    |    |    |      |       |

Table 8.23. Floristic (NVC-style) table for one quadrat in woodland at Target Note 141.

| Species                                                                                                                                                                                                                                                                                                              | Q1 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| <i>Fraxinus excelsior</i>                                                                                                                                                                                                                                                                                            | 7  |
| <i>Quercus robur</i>                                                                                                                                                                                                                                                                                                 | 7  |
| <i>Corylus avellana</i>                                                                                                                                                                                                                                                                                              | 8  |
| <i>Acer campestre</i>                                                                                                                                                                                                                                                                                                | 1  |
| <i>Cornus sanguinea</i>                                                                                                                                                                                                                                                                                              | 1  |
| <i>Crataegus monogyna</i>                                                                                                                                                                                                                                                                                            | 1  |
| <i>Euonymus europaeus</i>                                                                                                                                                                                                                                                                                            | 1  |
| <i>Hedera helix</i>                                                                                                                                                                                                                                                                                                  | 1  |
| <i>Rosa canina</i>                                                                                                                                                                                                                                                                                                   | 1  |
| <i>Hyacinthoides non-scripta</i>                                                                                                                                                                                                                                                                                     | 8  |
| <i>Brachypodium sylvaticum</i>                                                                                                                                                                                                                                                                                       | 5  |
| <i>Hedera helix</i>                                                                                                                                                                                                                                                                                                  | 5  |
| <i>Primula vulgaris</i>                                                                                                                                                                                                                                                                                              | 4  |
| <i>Galium aparine</i>                                                                                                                                                                                                                                                                                                | 2  |
| <i>Arum maculatum</i>                                                                                                                                                                                                                                                                                                | 1  |
| <i>Crataegus monogyna</i> , seedling                                                                                                                                                                                                                                                                                 | 1  |
| <i>Dactylis glomerata</i>                                                                                                                                                                                                                                                                                            | 1  |
| <i>Geum urbanum</i>                                                                                                                                                                                                                                                                                                  | 1  |
| <i>Moehringia trinervia</i>                                                                                                                                                                                                                                                                                          | 1  |
| <i>Prunus spinosa</i> , seedling                                                                                                                                                                                                                                                                                     | 1  |
| <i>Rosa canina</i> , seedling                                                                                                                                                                                                                                                                                        | 1  |
| <i>Stellaria holostea</i>                                                                                                                                                                                                                                                                                            | 1  |
| <i>Veronica chamaedrys</i>                                                                                                                                                                                                                                                                                           | 1  |
| <i>Veronica hederifolia</i>                                                                                                                                                                                                                                                                                          | 1  |
| Matching coefficients: <b>W8d 42.9</b> , W8a 35.3, W8 undifferentiated 34.6, W21 undifferentiated 32.6, W8e 32, W8c 31.1, W8b 30.9, W8g 30.5, W21b 29.6, W12a 29.2                                                                                                                                                   |    |
| Diagnosis. This woodland is clearly referable to the NVC type <b>W8 <i>Fraxinus excelsior</i>-<i>Acer campestre</i>-<i>Mercurialis perennis</i> woodland</b> , and probably the <b>W8d <i>Fraxinus excelsior</i>-<i>Acer campestre</i>-<i>Mercurialis perennis</i> woodland, <i>Hedera helix</i> sub-community</b> . |    |

Table 8.24. Floristic (NVC-style) table for 5 two-metre square quadrats in unimproved neutral grassland at Target Note 150.

| Species                                 | Q1 | Q2 | Q3 | Q4 | Q5 | Frq. | Cov. |
|-----------------------------------------|----|----|----|----|----|------|------|
| <i>Agrostis capillaris</i>              | 6  | 7  | 7  | 9  | 8  | V    | 6-9  |
| <i>Anthoxanthum odoratum</i>            | 6  | 6  | 7  | 4  | 4  | V    | 4-7  |
| <i>Lathyrus pratensis</i>               | 1  | 2  | 3  | 3  | 3  | V    | 1-3  |
| <i>Rumex acetosa</i>                    | 3  | 3  | 1  | 3  | 3  | V    | 1-3  |
| <i>Potentilla reptans</i>               | 5  | 5  | 3  | -  | 2  | IV   | 2-5  |
| <i>Centaurea debeauxii</i>              | 4  | 4  | -  | 1  | 2  | IV   | 1-4  |
| <i>Holcus lanatus</i>                   | 4  | 1  | 3  | -  | 4  | IV   | 1-4  |
| <i>Ranunculus repens</i>                | 1  | 1  | 1  | -  | 4  | IV   | 1-4  |
| <i>Elytrigia repens</i>                 | 1  | 3  | 7  | -  | -  | III  | 1-7  |
| <i>Alopecurus pratensis</i>             | 5  | 5  | 4  | -  | -  | III  | 4-5  |
| <i>Geranium dissectum</i>               | -  | 2  | 3  | -  | 3  | III  | 2-3  |
| <i>Pulicaria dysenterica</i>            | 2  | -  | 3  | -  | 2  | III  | 2-3  |
| <i>Ranunculus acris</i>                 | 1  | -  | 2  | -  | 2  | III  | 1-2  |
| <i>Festuca rubra</i>                    | 4  | -  | -  | 3  | -  | II   | 3-4  |
| <i>Lotus corniculatus</i>               | 3  | -  | -  | 4  | -  | II   | 3-4  |
| <i>Poa trivialis</i>                    | 3  | -  | -  | -  | 2  | II   | 2-3  |
| <i>Stellaria graminea</i>               | -  | -  | -  | 3  | 2  | II   | 2-3  |
| <i>Luzula campestris</i>                | -  | -  | -  | 3  | 1  | II   | 1-3  |
| <i>Brachythecium rutabulum</i>          | -  | -  | -  | 1  | 1  | II   | 1    |
| <i>Dactylis glomerata</i>               | 1  | -  | -  | 1  | -  | II   | 1    |
| <i>Senecio erucifolius</i>              | -  | 1  | 1  | -  | -  | II   | 1    |
| <i>Plantago lanceolata</i>              | -  | -  | -  | 2  | -  | I    | 2    |
| <i>Schedonorus arundinaceus</i>         | -  | -  | -  | -  | 2  | I    | 2    |
| <i>Vicia cracca</i>                     | 2  | -  | -  | -  | -  | I    | 2    |
| <i>Achillea ptarmica</i>                | 1  | -  | -  | -  | -  | I    | 1    |
| <i>Cardamine pratensis</i>              | -  | -  | -  | -  | 1  | I    | 1    |
| <i>Cerastium fontanum</i>               | 1  | -  | -  | -  | -  | I    | 1    |
| <i>Fraxinus excelsior</i>               | -  | -  | -  | 1  | -  | I    | 1    |
| <i>Galium aparine</i>                   | -  | -  | 1  | -  | -  | I    | 1    |
| <i>Quercus robur</i> , seedling         | -  | -  | -  | 1  | -  | I    | 1    |
| <i>Ranunculus bulbosus</i>              | -  | -  | -  | 1  | -  | I    | 1    |
| <i>Rumex crispus</i>                    | -  | -  | 1  | -  | -  | I    | 1    |
| <i>Taraxacum</i> sect. <i>Ruderalia</i> | 1  | -  | -  | -  | -  | I    | 1    |

Matching coefficients: MG7c 49, MG9 48.4, MG9b 47.2, MG6b 47.2, **MG5a 46.6**, MG4 undifferentiated 46.5, MG5 undifferentiated 46.3, MG3 undifferentiated 46.3, *MG1e* 46.1, MG9a 45.8

Diagnosis. Though neglected, this grassland is clearly unimproved and probably referable to the NVC type **MG5a *Cynosurus cristatus*-*Centaurea nigra* grassland, *Lathyrus pratensis* sub-community**. With continued neglect it may increasingly come to resemble **MG1e *Arrhenatherum elatius* grassland, *Centaurea nigra* sub-community**.

Table 8.25. Floristic (NVC-style) table for 5 two-metre square quadrats in marshy grassland at Target Note 162.

| Species                            | Q1 | Q2 | Q3 | Q4 | Q5 | Frq. | Cov. |
|------------------------------------|----|----|----|----|----|------|------|
| <i>Juncus effusus</i>              | 9  | 9  | 8  | 9  | 8  | V    | 8-9  |
| <i>Cirsium palustre</i>            | 1  | 2  | 4  | 5  | 3  | V    | 1-5  |
| <i>Angelica sylvestris</i>         | 2  | 1  | 3  | 3  | 4  | V    | 1-4  |
| <i>Galium aparine</i>              | 4  | 3  | 3  | 1  | 1  | V    | 1-4  |
| <i>Carex hirta</i>                 | 1  | 2  | 2  | 3  | 3  | V    | 1-3  |
| <i>Galeopsis tetrahit</i>          | 3  | 1  | 2  | 1  | 1  | V    | 1-3  |
| <i>Deschampsia cespitosa</i>       | 2  | 2  | 5  | 2  | -  | IV   | 2-5  |
| <i>Rumex acetosa</i>               | -  | 4  | 3  | 2  | 5  | IV   | 2-5  |
| <i>Galium palustre</i>             | -  | 1  | 1  | 3  | 2  | IV   | 1-3  |
| <i>Holcus lanatus</i>              | -  | 3  | 2  | 1  | 2  | IV   | 1-3  |
| <i>Agrostis canina</i>             | -  | -  | 5  | 3  | 3  | III  | 3-5  |
| <i>Agrostis stolonifera</i>        | 5  | 2  | -  | -  | 1  | III  | 1-5  |
| <i>Carex leporina</i>              | -  | -  | 3  | 3  | 3  | III  | 3    |
| <i>Stellaria alsine</i>            | -  | 1  | -  | 2  | 2  | III  | 1-2  |
| <i>Juncus acutiflorus</i>          | -  | -  | -  | 2  | 5  | II   | 2-5  |
| <i>Arrhenatherum elatius</i>       | 3  | 2  | -  | -  | -  | II   | 2-3  |
| <i>Brachythecium rutabulum</i>     | 2  | -  | 1  | -  | -  | II   | 1-2  |
| <i>Kindbergia praelonga</i>        | 2  | -  | -  | 1  | -  | II   | 1-2  |
| <i>Ranunculus repens</i>           | 2  | 1  | -  | -  | -  | II   | 1-2  |
| <i>Epilobium</i> species, seedling | -  | -  | 1  | 1  | -  | II   | 1    |
| <i>Lotus pedunculatus</i>          | -  | -  | 1  | -  | 1  | II   | 1    |
| <i>Urtica dioica</i>               | 5  | -  | -  | -  | -  | I    | 5    |
| <i>Anthoxanthum odoratum</i>       | 1  | -  | -  | -  | -  | I    | 1    |
| <i>Cardamine pratensis</i>         | -  | -  | -  | -  | 1  | I    | 1    |
| <i>Cerastium fontanum</i>          | 1  | -  | -  | -  | -  | I    | 1    |
| <i>Epilobium palustre</i>          | -  | -  | -  | 1  | -  | I    | 1    |
| <i>Heracleum sphondylium</i>       | 1  | -  | -  | -  | -  | I    | 1    |
| <i>Oenanthe crocata</i>            | -  | -  | -  | -  | 1  | I    | 1    |
| <i>Ranunculus repens</i>           | -  | -  | 1  | -  | -  | I    | 1    |
| <i>Rumex conglomeratus</i>         | -  | 1  | -  | -  | -  | I    | 1    |
| <i>Rumex obtusifolius</i>          | -  | -  | -  | 1  | -  | I    | 1    |

Matching coefficients: **M23b 52.6**, M23 undifferentiated 50, M28 undifferentiated 48.4, M28a 47.9, M27c 45.2, M23a 44, *MG10a* 42.9, MG10 undifferentiated 42.4, M28b 42.3, M27 undifferentiated 41.3

Diagnosis. This marshy grassland is clearly referable to the NVC type **M23b *Juncus effusus/acutiflorus-Galium palustre* rush-pasture, *Juncus effusus* sub-community**.

Table 8.26. Floristic (NVC-style) table for two quadrats in woodland at Target Note 164.

| Species                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Q1 | Q2 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|----|
| <i>Alnus glutinosa</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 9  | 8  |
| <i>Fraxinus excelsior</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 4  | 6  |
| <i>Quercus robur</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 5  | 4  |
| <i>Corylus avellana</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 5  | 6  |
| <i>Crataegus monogyna</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1  | 1  |
| <i>Alnus glutinosa</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1  | -  |
| <i>Lonicera periclymenum</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                       | -  | 1  |
| <i>Hyacinthoides non-scripta</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 9  | 9  |
| <i>Dryopteris dilatata</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1  | 5  |
| <i>Silene dioica</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 4  | 3  |
| <i>Galium aparine</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 4  | 2  |
| <i>Stellaria holostea</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1  | 4  |
| <i>Ficaria verna</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 3  | 2  |
| <i>Oxalis acetosella</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 3  | 2  |
| <i>Poa trivialis</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 3  | 2  |
| <i>Circaea lutetiana</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2  | 2  |
| <i>Adoxa moschatellina</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                         | -  | 2  |
| <i>Geranium robertianum</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 2  | -  |
| <i>Lonicera periclymenum</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 2  | -  |
| <i>Acer pseudoplatanus</i> , seedling                                                                                                                                                                                                                                                                                                                                                                                                                                              | -  | 1  |
| <i>Ajuga reptans</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                               | -  | 1  |
| <i>Geum urbanum</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -  | 1  |
| <i>Ranunculus repens</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                           | -  | 1  |
| <i>Rubus fruticosus</i> agg.                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1  | -  |
| <i>Sambucus nigra</i> , seedling                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -  | 1  |
| <i>Urtica dioica</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1  | -  |
| <i>Viola riviniana</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -  | 1  |
| Matching coefficients: <b>W8b 44.9</b> , W8d 44.4, W8a 42.6, W10 undifferentiated 41.4, W8 undifferentiated 40.8, W10e 40.3, W10c 39.2, W8e 38.4, W7a 38.2, W6 undifferentiated 38.2                                                                                                                                                                                                                                                                                               |    |    |
| Diagnosis. Despite the high abundance of <i>Alnus glutinosa</i> in the canopy and absence of <i>Mercurialis perennis</i> in the field-layer, this wood can be assigned fairly confidently to <b>W8b <i>Fraxinus excelsior</i>-<i>Acer campestre</i>-<i>Mercurialis perennis</i> woodland</b> , <b><i>Anemone nemorosa</i> sub-community</b> on account of its general ground flora, which includes the <b>W8b</b> preferentials <i>Anemone nemorosa</i> and <i>Ficaria verna</i> . |    |    |

Table 8.27. Floristic (NVC-style) table for two quadrats in woodland at Target Note 174.

| Species                                                                                                                                                                                                                                                                                                                                                     | Q1 | Q2 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|----|
| <i>Fraxinus excelsior</i>                                                                                                                                                                                                                                                                                                                                   | 8  | 9  |
| <i>Corylus avellana</i>                                                                                                                                                                                                                                                                                                                                     | 8  | 8  |
| <i>Quercus robur</i>                                                                                                                                                                                                                                                                                                                                        | -  | 4  |
| <i>Salix caprea</i>                                                                                                                                                                                                                                                                                                                                         | 4  | -  |
| <i>Anthriscus sylvestris</i>                                                                                                                                                                                                                                                                                                                                | 7  | 3  |
| <i>Poa trivialis</i>                                                                                                                                                                                                                                                                                                                                        | 6  | 4  |
| <i>Hyacinthoides non-scripta</i>                                                                                                                                                                                                                                                                                                                            | 1  | 7  |
| <i>Glechoma hederacea</i>                                                                                                                                                                                                                                                                                                                                   | 4  | 1  |
| <i>Galium aparine</i>                                                                                                                                                                                                                                                                                                                                       | 3  | 3  |
| <i>Silene dioica</i>                                                                                                                                                                                                                                                                                                                                        | 3  | 3  |
| <i>Adoxa moschatellina</i>                                                                                                                                                                                                                                                                                                                                  | 3  | 1  |
| <i>Ficaria verna</i>                                                                                                                                                                                                                                                                                                                                        | 3  | 1  |
| <i>Brachypodium sylvaticum</i>                                                                                                                                                                                                                                                                                                                              | -  | 7  |
| <i>Urtica dioica</i>                                                                                                                                                                                                                                                                                                                                        | 6  | -  |
| <i>Kindbergia praelonga</i>                                                                                                                                                                                                                                                                                                                                 | -  | 4  |
| <i>Brachythecium rutabulum</i>                                                                                                                                                                                                                                                                                                                              | -  | 3  |
| <i>Heracleum sphondylium</i>                                                                                                                                                                                                                                                                                                                                | -  | 3  |
| <i>Stellaria holostea</i>                                                                                                                                                                                                                                                                                                                                   | -  | 3  |
| <i>Cerastium fontanum</i>                                                                                                                                                                                                                                                                                                                                   | -  | 2  |
| <i>Geranium robertianum</i>                                                                                                                                                                                                                                                                                                                                 | -  | 2  |
| <i>Hedera helix</i>                                                                                                                                                                                                                                                                                                                                         | -  | 2  |
| <i>Arum maculatum</i>                                                                                                                                                                                                                                                                                                                                       | 1  | -  |
| <i>Atrichum undulatum</i>                                                                                                                                                                                                                                                                                                                                   | -  | 1  |
| <i>Cerastium glomeratum</i>                                                                                                                                                                                                                                                                                                                                 | -  | 1  |
| <i>Geum urbanum</i>                                                                                                                                                                                                                                                                                                                                         | -  | 1  |
| <i>Lapsana communis</i>                                                                                                                                                                                                                                                                                                                                     | -  | 1  |
| <i>Plagiomnium undulatum</i>                                                                                                                                                                                                                                                                                                                                | -  | 1  |
| <i>Ranunculus repens</i>                                                                                                                                                                                                                                                                                                                                    | -  | 1  |
| <i>Rubus fruticosus</i> agg.                                                                                                                                                                                                                                                                                                                                | -  | 1  |
| <i>Rumex sanguineus</i>                                                                                                                                                                                                                                                                                                                                     | -  | 1  |
| <i>Tamus communis</i>                                                                                                                                                                                                                                                                                                                                       | -  | 1  |
| Matching coefficients: W8b 47.3, W8e 45.1, W8a 45, <b>W8 undifferentiated 45</b> , W8d 44.9, W24 undifferentiated 39.2, W21b 39.1, W24b 38, W8f 37.3, W6d 36.7                                                                                                                                                                                              |    |    |
| Diagnosis. This woodland is clearly referable to the NVC type <b>W8 <i>Fraxinus excelsior</i>-<i>Acer campestre</i>-<i>Mercurialis perennis</i> woodland</b> , and is probably most like <b>W8a <i>Fraxinus excelsior</i>-<i>Acer campestre</i>-<i>Mercurialis perennis</i> woodland, <i>Primula vulgaris</i>-<i>Glechoma hederacea</i> sub-community</b> . |    |    |

Table 8.28. Floristic (NVC-style) table for 5 two-metre square quadrats in rough grassland at Target Note 221.

| Species                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Q1 | Q2 | Q3 | Q4 | Q5 | Frq. | Cov. |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|----|----|----|----|------|------|
| <i>Holcus lanatus</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 9  | 9  | 9  | 8  | 8  | V    | 8-9  |
| <i>Agrostis stolonifera</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 5  | 5  | 5  | 6  | 6  | V    | 5-6  |
| <i>Cirsium arvense</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 5  | 5  | 6  | 5  | 5  | V    | 5-6  |
| <i>Urtica dioica</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 3  | 2  | 4  | 4  | 1  | V    | 1-4  |
| <i>Rumex conglomeratus</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 2  | 6  | -  | 5  | 4  | IV   | 2-6  |
| <i>Galium aparine</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2  | -  | 4  | 5  | 2  | IV   | 2-5  |
| <i>Poa trivialis</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 3  | 1  | -  | 3  | 4  | III  | 1-4  |
| <i>Ranunculus repens</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1  | -  | 4  | -  | -  | II   | 1-4  |
| <i>Geranium dissectum</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1  | -  | -  | -  | 1  | II   | 1    |
| <i>Sonchus asper</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -  | -  | 1  | 1  | -  | II   | 1    |
| <i>Alopecurus pratensis</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -  | -  | -  | -  | 5  | I    | 1-5  |
| <i>Anthriscus sylvestris</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -  | -  | 2  | -  | -  | I    | 1-2  |
| <i>Epilobium</i> species, seedling                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | -  | -  | -  | -  | 1  | I    | 1    |
| <i>Prunus spinosa</i> , seedling                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | -  | -  | -  | -  | 1  | I    | 1    |
| <i>Rumex obtusifolius</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -  | -  | -  | -  | 1  | I    | 1    |
| <i>Vicia tetrasperma</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -  | -  | -  | -  | 1  | I    | 1    |
| Matching coefficients: MG10b 40.4, MG1b 38.3, MG10a 36.9, MG10 undifferentiated 36.7, M28b 36.5, MG1c 36.2, MG10c 35.1, MG13 34, MG9 undifferentiated 33.2, MG9a 33.1...OV25a                                                                                                                                                                                                                                                                                                                                                            |    |    |    |    |    |      |      |
| Diagnosis. This damp, eutrophic grassland has a high abundance of tall-ruderal herbs such as <i>Cirsium arvense</i> and <i>Urtica dioica</i> , and cannot easily be assigned to one NVC type, though it has affinities with <b>MG10 <i>Holcus lanatus</i>-<i>Juncus effusus</i> rush-pasture</b> , <b>MG1b <i>Arrhenatherum elatius</i> grassland</b> , <b><i>Urtica dioica</i> sub-community</b> and <b>OV25a <i>Urtica dioica</i>-<i>Cirsium arvense</i> community</b> , <b><i>Holcus lanatus</i>-<i>Poa annua</i> sub-community</b> . |    |    |    |    |    |      |      |

## 9. PLANT SPECIES LISTS

Table 9.1. Plant species recorded from shingle and amenity grassland at the landfall.  
Column 1 – shingle at Target Note 1; column 2 – amenity grassland at Target Note 2.

| Species                                                | 1   | 2  |
|--------------------------------------------------------|-----|----|
| a) Trees, shrubs and climbers                          |     |    |
| <i>Buddleja davidii</i> (Butterfly-bush)               | r   | -  |
| <i>Sambucus nigra</i> (Elder)                          | r   | -  |
| b) Herbs and ferns                                     |     |    |
| <i>Achillea millefolium</i> (Yarrow)                   | -   | r  |
| <i>Bellis perennis</i> (Daisy)                         | o   | f  |
| <i>Bromus hordeaceus</i> (Soft-brome)                  | f   | o  |
| <i>Catapodium maritimum</i> (Sea Fern-grass)           | la  | lf |
| <i>Cerastium diffusum</i> (Sea Mouse-ear)              | o   | lf |
| <i>Cerastium glomeratum</i> (Sticky Mouse-ear)         | o   | -  |
| <i>Centranthus ruber</i> (Red Valerian)                | vlf | -  |
| <i>Cirsium arvense</i> (Creeping Thistle)              | r   | -  |
| <i>Cirsium vulgare</i> (Spear Thistle)                 | r   | -  |
| <i>Cochlearia danica</i> (Danish Scurvygrass)          | -   | r  |
| <i>Convolvulus arvensis</i> (Field Bindweed)           | o   | r  |
| <i>Crambe maritima</i> (Sea-kale)                      | vr  | -  |
| <i>Crepis vesicaria</i> (Beaked Hawk's-beard)          | f   | lf |
| <i>Crithmum maritimum</i> (Rock Samphire)              | vr  | -  |
| <i>Dactylis glomerata</i> (Cock's-foot)                | o   | -  |
| <i>Daucus carota</i> ssp. <i>carota</i> (Wild Carrot)  | -   | o  |
| <i>Elytrigia repens</i> (Common Couch)                 | -   | r  |
| <i>Epilobium obscurum</i> (Short-fruited Willowherb)   | r   | -  |
| <i>Erigeron glaucus</i> (Seaside Daisy)                | o   | -  |
| <i>Festuca rubra</i> (Red Fescue)                      | r   | f  |
| <i>Geranium molle</i> (Dove's-foot Crane's-bill)       | o   | -  |
| <i>Helminthotheca echioides</i> (Bristly Oxtongue)     | o   | r  |
| <i>Hypochaeris radicata</i> (Cat's-ear)                | r   | -  |
| <i>Lolium perenne</i> (Perennial Rye-grass)            | r   | a  |
| <i>Lepidium draba</i> (Hoary Cress)                    | -   | r  |
| <i>Lotus corniculatus</i> (Common Bird's-foot-trefoil) | -   | r  |
| <i>Malva sylvestris</i> (Common Mallow)                | r   | r  |
| <i>Medicago arabica</i> (Spotted Medick)               | -   | r  |
| <i>Medicago lupulina</i> (Black Medick)                | lf  | r  |
| <i>Oenothera</i> species (an Evening-primrose)         | r   | -  |
| <i>Plantago coronopus</i> (Buck's-horn Plantain)       | f   | lf |
| <i>Plantago lanceolata</i> (Ribwort Plantain)          | o   | f  |
| <i>Poa annua</i> (Annual Meadow-grass)                 | r   | r  |
| <i>Poa trivialis</i> (Rough Meadow-grass)              | -   | f  |
| <i>Potentilla reptans</i> (Creeping Cinquefoil)        | -   | r  |
| <i>Pulicaria dysenterica</i> (Common Fleabane)         | r   | -  |
| <i>Ranunculus repens</i> (Creeping Buttercup)          | -   | f  |
| <i>Rumex crispus</i> (Curled Dock)                     | o   | -  |
| <i>Schedonorus arundicaceus</i> (Tall Fescue)          | r   | -  |
| <i>Scorzoneroidea autumnalis</i> (Autumn Hawkbit)      | f   | -  |

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|                                                            |    |     |
|------------------------------------------------------------|----|-----|
| <i>Sedum anglicum</i> (English Stonecrop)                  | r  | -   |
| <i>Senecio squalidus</i> (Oxford Ragwort)                  | o  | -   |
| <i>Senecio viscosus</i> (Sticky Groundsel)                 | r  | -   |
| <i>Solanum dulcamara</i> (Bittersweet)                     | o  | -   |
| <i>Sonchus oleraceus</i> (Smooth Sow-thistle)              | o  | r   |
| <i>Stellaria media</i> (Common Chickweed)                  | r  | r   |
| <i>Taraxacum</i> sect. <i>Ruderalia</i> (Common Dandelion) | f  | f   |
| <i>Triticum aestivum</i> (Bread Wheat)                     | r  | -   |
| <i>Trifolium dubium</i> (Lesser Trefoil)                   | -  | o   |
| <i>Trifolium repens</i> (White Clover)                     | -  | f   |
| <i>Trifolium scabrum</i> (Rough Clover)                    | lf | lf  |
| <i>Tussilago farfara</i> (Colt's-foot)                     | r  | -   |
| <i>Veronica arvensis</i> (Wall Speedwell)                  | -  | lf  |
| c) Bryophytes and lichens                                  |    |     |
| <i>Homalothecium</i> cf. <i>lutescens</i>                  | -  | vla |
| <i>Kindbergia praelonga</i>                                | -  | f   |
| <i>Xanthia parietina</i>                                   | o  | -   |

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**Table 9.2.** Plant species recorded from parkland and a golf course in East Worthing.  
**Column 1** – amenity grassland at *Target Note 4* (species marked with asterisks recorded only from a pond edge); **column 2** – amenity grassland and wildflower meadow at *Target Note 12/13*.

| Species                                                 | 4   | 12/13 |
|---------------------------------------------------------|-----|-------|
| a) Trees, shrubs and climbers                           |     |       |
| <i>Acer campestre</i> (Field Maple)                     | -   | lf    |
| <i>Acer platanoides</i> (Norway Maple)                  | -   | vla   |
| <i>Fraxinus excelsior</i> (Ash)                         | -   | vla   |
| <i>Malus domestica</i> (Apple)                          | -   | r     |
| <i>Malus sylvestris</i> (Crab Apple)                    | r   | -     |
| <i>Populus nigra</i> cf. 'Italica' (Lombardy-poplar)    | -   | la    |
| <i>Quercus robur</i> (Pedunculate Oak), seedling        | -   | vr    |
| <i>Rosa canina</i> (Dog-rose), seedling                 | -   | vr    |
| <i>Rubus fruticosus</i> agg. (Bramble)                  | *la | vr    |
| <i>Salix viminalis</i> (Osier)                          | -   | la    |
| <i>Sambucus nigra</i> (Elder)                           | -   | vr    |
| b) Herbs and ferns                                      |     |       |
| <i>Achillea millefolium</i> (Yarrow)                    | f   | o     |
| <i>Agrostemma githago</i> (Corn-cockle)                 | -   | lf    |
| <i>Agrostis stolonifera</i> (Creeping Bent)             | o   | lf    |
| <i>Anisantha sterilis</i> (Barren Brome)                | -   | r     |
| <i>Arctium minus</i> (Lesser Burdock)                   | -   | r     |
| <i>Bellis perennis</i> (Daisy)                          | f   | f     |
| <i>Capsella bursa-pastoris</i> (Shepherd's-purse)       | vr  | lf    |
| <i>Carex hirta</i> (Hairy Sedge)                        | *r  | -     |
| <i>Carex otrubae</i> (False Fox-sedge)                  | *r  | -     |
| <i>Centaurea cyanus</i> (Cornflower)                    | -   | lf    |
| <i>Centaurea debeauxii</i> (Chalk Knapweed)             | -   | r     |
| <i>Cerastium fontanum</i> (Common Mouse-ear)            | -   | r     |
| <i>Cerastium glomeratum</i> (Sticky Mouse-ear)          | o   | -     |
| <i>Chenopodium album</i> (Fat-hen)                      | -   | r     |
| <i>Cirsium arvense</i> (Creeping Thistle)               | *r  | -     |
| <i>Cirsium vulgare</i> (Spear Thistle)                  | r   | r     |
| <i>Coronopus squamatus</i> (Swine-cress)                | r   | -     |
| <i>Crepis vesicaria</i> (Beaked Hawk's-beard)           | vlf | -     |
| <i>Cynosurus cristatus</i> (Crested Dog's-tail)         | -   | lf    |
| <i>Dactylis glomerata</i> (Cock's-foot)                 | o   | o     |
| <i>Daucus carota</i> ssp. <i>carota</i> (Wild Carrot)   | f   | -     |
| <i>Epilobium tetragonum</i> (Square-stalked Willowherb) | r   | -     |
| <i>Festuca rubra</i> (Red Fescue)                       | f   | lf    |
| <i>Galium aparine</i> (Cleavers)                        | *r  | -     |
| <i>Geranium dissectum</i> (Cut-leaved Crane's-bill)     | -   | r     |
| <i>Geranium molle</i> (Dove's-foot Crane's-bill)        | lf  | vla   |
| <i>Helminthotheca echioides</i> (Bristly Oxtongue)      | *r  | lf    |
| <i>Heracleum sphondylium</i> (Hogweed)                  | o   | -     |
| <i>Holcus lanatus</i> (Yorkshire-fog)                   | r   | -     |
| <i>Hordeum murinum</i> (Wall Barley)                    | r   | r     |
| <i>Hypericum perforatum</i> (Perforate St John's-wort)  | -   | r     |
| <i>Lamium purpureum</i> (Red Dead-nettle)               | r   | -     |

|                                                                           |    |    |
|---------------------------------------------------------------------------|----|----|
| <i>Lepidium draba</i> (Hoary Cress)                                       | -  | lf |
| <i>Leucanthemum vulgare</i> (Oxeye Daisy)                                 | -  | la |
| <i>Lolium perenne</i> (Perennial Rye-grass)                               | a  | d  |
| <i>Lotus corniculatus</i> (Common Bird's-foot-trefoil)                    | -  | lf |
| <i>Medicago arabica</i> (Spotted Medick)                                  | lf | lf |
| <i>Medicago lupulina</i> (Black Medick)                                   | -  | r  |
| <i>Mercurialis annua</i> (Annual Mercury)                                 | r  | -  |
| <i>Oenanthe crocata</i> (Hemlock Water-dropwort)                          | *d | -  |
| <i>Oenothera</i> cf. <i>glazioviana</i> (Large-flowered Evening-primrose) | -  | r  |
| <i>Papaver rhoeas</i> (Common Poppy)                                      | -  | lf |
| <i>Phleum pratense</i> (Timothy)                                          | o  | -  |
| <i>Phragmites australis</i> (Common Reed)                                 | *d | -  |
| <i>Plantago coronopus</i> (Buck's-horn Plantain)                          | f  | -  |
| <i>Plantago lanceolata</i> (Ribwort Plantain)                             | f  | o  |
| <i>Plantago major</i> (Greater Plantain)                                  | o  | o  |
| <i>Poa annua</i> (Annual Meadow-grass)                                    | r  | o  |
| <i>Poa trivialis</i> (Rough Meadow-grass)                                 | f  | f  |
| <i>Polygonum aviculare</i> (Knotgrass)                                    | r  | r  |
| <i>Potentilla anserina</i> (Silverweed)                                   | *o | -  |
| <i>Potentilla reptans</i> (Creeping Cinquefoil)                           | r  | o  |
| <i>Ranunculus repens</i> (Creeping Buttercup)                             | -  | r  |
| <i>Reseda lutea</i> (Wild Mignonette)                                     | -  | lo |
| <i>Reseda luteola</i> (Weld)                                              | -  | r  |
| <i>Rhinanthus minor</i> (Yellow-rattle)                                   | -  | lo |
| <i>Rumex crispus</i> (Curled Dock)                                        | r  | r  |
| <i>Rumex obtusifolius</i> (Broad-leaved Dock)                             | r  | r  |
| <i>Senecio jacobaea</i> (Common Ragwort)                                  | r  | -  |
| <i>Senecio vulgaris</i> (Groundsel)                                       | r  | -  |
| <i>Sherardia arvensis</i> (Field Madder)                                  | -  | r  |
| <i>Silene latifolia</i> ssp. <i>alba</i> (White Campion)                  | -  | lf |
| <i>Cf. Sinapis arvensis</i> (Charlock)                                    | -  | vr |
| <i>Sison amomum</i> (Stone Parsley)                                       | r  | lo |
| <i>Sonchus asper</i> (Prickly Sow-thistle)                                | -  | o  |
| <i>Stellaria media</i> (Common Chickweed)                                 | -  | r  |
| <i>Taraxacum</i> sect. <i>Ruderalia</i> (Common Dandelion)                | f  | f  |
| <i>Trifolium pratense</i> (Red Clover)                                    | -  | r  |
| <i>Trifolium repens</i> (White Clover)                                    | f  | f  |
| <i>Trifolium scabrum</i> (Rough Clover)                                   | r  | -  |
| <i>Urtica dioica</i> (Common Nettle)                                      | *o | -  |
| <i>Veronica arvensis</i> (Wall Speedwell)                                 | r  | r  |
| c) Bryophytes and lichens                                                 |    |    |
| <i>Kindbergia praelonga</i>                                               | r  | -  |

*Table 9.3. Plant species recorded from streams and a ditch east of Worthing. Column 1 – Teville Stream at Target Note 9; column 2 – Teville Stream at Target Note 40; column 3 – ditch at Target Note 46; column 4 – stream and marshy grassland at Target Notes 51/52.*

| Species                                              | 9   | 40 | 46 | 51/52 |
|------------------------------------------------------|-----|----|----|-------|
| a) Trees, shrubs and climbers                        |     |    |    |       |
| <i>Crataegus monogyna</i> (Hawthorn)                 | -   | -  | r  | o     |
| <i>Hedera helix</i> (Ivy)                            | vla | -  | -  | -     |
| <i>Rubus fruticosus</i> agg. (Bramble)               | r   | ld | o  | la    |
| <i>Quercus robur</i> (Pedunculate Oak)               | -   | -  | -  | r     |
| <i>Salix fragilis</i> (Crack-willow)                 | -   | o  | -  | ld    |
| <i>Salix ×sepulcralis</i> (Weeping Willow)           | r   | -  | -  | -     |
| <i>Sambucus nigra</i> (Elder)                        | a   | o  | r  | o     |
| b) Herbs and ferns                                   |     |    |    |       |
| <i>Aegopodium podagraria</i> (Ground-elder)          | r   | -  | -  | -     |
| <i>Agrostis stolonifera</i> (Creeping Bent)          | -   | -  | -  | ld    |
| <i>Apium nodiflorum</i> (Fool's Water-cress)         | -   | -  | -  | ld    |
| <i>Anisantha sterilis</i> (Barren Brome)             | -   | -  | lf | -     |
| <i>Anthriscus sylvestris</i> (Cow Parsley)           | -   | -  | o  | -     |
| <i>Arrhenatherum elatius</i> (False Oat-grass)       | r   | f  | la | -     |
| <i>Arum maculatum</i> (Lords-and-Ladies)             | -   | -  | -  | r     |
| <i>Bryonia dioica</i> (White Bryony)                 | vr  | -  | r  | -     |
| <i>Callitriche stagnalis</i> (Common Water-starwort) | -   | -  | -  | vr    |
| <i>Calystegia silvatica</i> (Large Bindweed)         | -   | -  | la | -     |
| <i>Calystegia sepium</i> (Hedge Bindweed)            | -   | o  | a  | o     |
| <i>Carex acutiformis</i> (Lesser Pond-sedge)         | -   | -  | -  | ld    |
| <i>Carex hirta</i> (Hairy Sedge)                     | -   | -  | -  | lf    |
| <i>Carex pendula</i> (Pendulous Sedge)               | r   | -  | -  | -     |
| <i>Cirsium arvense</i> (Creeping Thistle)            | r   | f  | -  | ld    |
| <i>Cirsium vulgare</i> (Spear Thistle)               | -   | -  | -  | r     |
| <i>Convolvulus arvensis</i> (Field Bindweed)         | -   | -  | r  | -     |
| <i>Dactylis glomerata</i> (Cock's-foot)              | -   | o  | -  | -     |
| <i>Dipsacus fullonum</i> (Teasel)                    | -   | o  | -  | -     |
| <i>Epilobium hirsutum</i> (Great Willowherb)         | ld  | -  | ld | ld    |
| <i>Equisetum arvense</i> (Field Horsetail)           | -   | -  | o  | -     |
| <i>Equisetum palustre</i> (Marsh Horsetail)          | -   | o  | -  | -     |
| <i>Eupatorium cannabinum</i> (Hemp-agrimony)         | -   | -  | la | -     |
| <i>Festuca rubra</i> (Red Fescue)                    | -   | -  | r  | -     |
| <i>Filipendula ulmaria</i> (Meadowsweet)             | -   | -  | -  | r     |
| <i>Galium aparine</i> (Cleavers)                     | -   | -  | a  | o     |
| <i>Geranium dissectum</i> (Cut-leaved Crane's-bill)  | -   | o  | -  | -     |
| <i>Glechoma hederacea</i> (Ground-ivy)               | -   | r  | -  | -     |
| <i>Glyceria notata</i> (Plicate Sweet-grass)         | -   | -  | -  | lf    |
| <i>Helminthotheca echioides</i> (Bristly Oxtongue)   | -   | o  | -  | -     |
| <i>Heracleum sphondylium</i> (Hogweed)               | r   | r  | a  | -     |
| <i>Heracleum trachyloma</i> (Giant Hogweed)          | -   | la | vr | -     |
| <i>Holcus lanatus</i> (Yorkshire-fog)                | -   | o  | -  | lf    |
| <i>Iris pseudacorus</i> (Yellow Iris)                | -   | -  | -  | r     |
| <i>Juncus acutiflorus</i> (Sharp-flowered Rush)      | -   | -  | -  | la    |
| <i>Juncus effusus</i> (Soft-rush)                    | -   | -  | -  | lf    |

|                                                                     |    |    |    |    |
|---------------------------------------------------------------------|----|----|----|----|
| <i>Juncus inflexus</i> (Hard Rush)                                  | -  | -  | -  | la |
| <i>Lathyrus pratensis</i> (Meadow Vetchling)                        | -  | -  | lf | -  |
| <i>Lemna minor</i> (Common Duckweed)                                | -  | ld | -  | -  |
| <i>Lolium perenne</i> (Perennial Rye-grass)                         | -  | r  | -  | -  |
| <i>Lycopus europaeus</i> (Gypsywort)                                | -  | r  | -  | -  |
| <i>Melilotus officinalis</i> (Ribbed Melilot)                       | -  | r  | -  | -  |
| <i>Mentha aquatica</i> (Water Mint)                                 | -  | o  | -  | o  |
| <i>Nasturtium officinale</i> (Water-cress)                          | -  | -  | -  | la |
| <i>Oenanthe crocata</i> (Hemlock Water-dropwort)                    | ld | la | -  | la |
| <i>Persicaria amphibia</i> (Amphibious Bistort)                     | -  | o  | -  | -  |
| <i>Phalaris arundinacea</i> (Reed Canary-grass)                     | -  | -  | r  | -  |
| <i>Phragmites australis</i> (Common Reed)                           | ld | ld | ld | ld |
| <i>Poa trivialis</i> (Rough Meadow-grass)                           | f  | f  | -  | a  |
| <i>Potentilla reptans</i> (Creeping Cinquefoil)                     | -  | r  | -  | -  |
| <i>Ranunculus repens</i> (Creeping Buttercup)                       | -  | lf | -  | o  |
| <i>Raphanus raphanistrum</i> ssp. <i>raphanistrum</i> (Wild Radish) | -  | -  | vr | -  |
| <i>Rumex conglomeratus</i> (Clustered Dock)                         | -  | o  | -  | o  |
| <i>Rumex obtusifolius</i> (Broad-leaved Dock)                       | r  | -  | -  | r  |
| <i>Scrophularia auriculata</i> (Water Figwort)                      | -  | o  | -  | -  |
| <i>Solanum dulcamara</i> (Bittersweet)                              | -  | -  | -  | o  |
| <i>Sonchus arvensis</i> (Perennial Sow-thistle)                     | vr | -  | -  | -  |
| <i>Sonchus asper</i> (Prickly Sow-thistle)                          | -  | o  | r  | -  |
| <i>Sonchus oleraceus</i> (Smooth Sow-thistle)                       | -  | r  | -  | -  |
| <i>Stachys sylvatica</i> (Hedge Woundwort)                          | -  | -  | -  | r  |
| <i>Urtica dioica</i> (Common Nettle)                                | a  | ld | la | ld |
| <i>Veronica anagallis-aquatica</i> (Blue Water-speedwell)           | -  | -  | -  | vr |
| <i>Veronica beccabunga</i> (Brooklime)                              | -  | -  | -  | r  |
| c) Algae                                                            | a  | -  | lf | -  |

*Table 9.4. Plant species recorded from former allotments east of Worthing. Column 1 – ruderal vegetation on former allotments at Target Note 19; column 2 – ditch at Target Note 21.*

| Species                                                 | 19  | 21  |
|---------------------------------------------------------|-----|-----|
| a) Trees, shrubs and climbers                           |     |     |
| <i>Acer pseudoplatanus</i> (Sycamore)                   | r   | -   |
| <i>Betula pendula</i> (Silver Birch)                    | vr  | -   |
| <i>Crataegus monogyna</i> (Hawthorn)                    | r   | -   |
| <i>Cupressus glabra</i> (Arizona Smooth Bark Cypress)   | r   | -   |
| <i>Cupressus macrocarpa</i> (Monterey Cypress)          | ld  | -   |
| <i>Fraxinus excelsior</i> (Ash)                         | ld  | -   |
| <i>Philadelphus</i> cf. <i>coronarius</i> (Mock-orange) | vr  | -   |
| <i>Pinus</i> species (a Pine)                           | lf  | -   |
| <i>Pyrus communis</i> (Pear)                            | vr  | -   |
| <i>Rosa canina</i> (Dog-rose)                           | o   | -   |
| <i>Rubus fruticosus</i> agg. (Bramble)                  | ld  | ld  |
| <i>Salix fragilis</i> (Crack-willow)                    | vld | r   |
| <i>Sambucus nigra</i> (Elder)                           | ld  | f   |
| <i>Tilia xeuropaea</i> (Lime)                           | vr  | -   |
| b) Herbs and ferns                                      |     |     |
| <i>Agrostis capillaris</i> (Common Bent)                | vla | -   |
| <i>Alisma plantago-aquatica</i> (Water-plantain)        | -   | r   |
| <i>Alliaria petiolata</i> (Garlic Mustard)              | lf  | o   |
| <i>Anisantha sterilis</i> (Barren Brome)                | o   | -   |
| <i>Anthriscus sylvestris</i> (Cow Parsley)              | o   | -   |
| <i>Arctium minus</i> agg. (Lesser Burdock)              | la  | -   |
| <i>Artemisia vulgaris</i> (Mugwort)                     | o   | -   |
| <i>Arum maculatum</i> (Lords-and-Ladies)                | r   | -   |
| <i>Ballota nigra</i> (Black Horehound)                  | o   | -   |
| <i>Barbarea vulgaris</i> (Winter-cress)                 | vlf | -   |
| <i>Bellis perennis</i> (Daisy)                          | r   | -   |
| <i>Bromus hordeaceus</i> (Soft-brome)                   | o   | -   |
| <i>Bryonia dioica</i> (White Bryony)                    | r   | -   |
| <i>Calystegia</i> cf. <i>silvatica</i> (Large Bindweed) | r   | f   |
| <i>Calystegia sepium</i> (Hedge Bindweed)               | o   | f   |
| <i>Cannabis sativa</i> (Hemp)                           | vr  | -   |
| <i>Carex riparia</i> (Greater Pond-sedge)               | -   | vlf |
| <i>Cirsium arvense</i> (Creeping Thistle)               | f   | f   |
| <i>Cirsium vulgare</i> (Spear Thistle)                  | o   | -   |
| <i>Conium maculatum</i> (Hemlock)                       | la  | -   |
| <i>Convolvulus arvensis</i> (Field Bindweed)            | r   | -   |
| <i>Dactylis glomerata</i> (Cock's-foot)                 | o   | -   |
| <i>Dipsacus fullonum</i> (Teasel)                       | lf  | -   |
| <i>Elytrigia repens</i> (Common Couch)                  | o   | -   |
| <i>Epilobium hirsutum</i> (Great Willowherb)            | -   | lf  |
| <i>Equisetum</i> cf. <i>arvense</i> (Field Horsetail)   | -   | la  |
| <i>Equisetum palustre</i> (Marsh Horsetail)             | r   | r   |
| <i>Erodium cicutarium</i> (Common Stork's-bill)         | vlf | -   |
| <i>Fallopia japonica</i> (Japanese Knotweed)            | o   | -   |
| <i>Festuca rubra</i> (Red Fescue)                       | lf  | -   |
| <i>Galium aparine</i> (Cleavers)                        | f   | f   |

|                                                                |     |     |
|----------------------------------------------------------------|-----|-----|
| <i>Geranium dissectum</i> (Cut-leaved Crane's-bill)            | o   | -   |
| <i>Geranium molle</i> (Dove's-foot Crane's-bill)               | vlf | -   |
| <i>Glechoma hederacea</i> (Ground-ivy)                         | lf  | -   |
| <i>Helminthotheca echinoides</i> (Bristly Oxtongue)            | o   | -   |
| <i>Heracleum sphondylium</i> (Hogweed)                         | o   | -   |
| <i>Hyacinthoides</i> cf. <i>×massartiana</i> (Hybrid Bluebell) | r   | -   |
| <i>Hypericum perforatum</i> (Perforate St John's-wort)         | vlf | -   |
| <i>Iris pseudacorus</i> (Yellow Iris)                          | -   | r   |
| <i>Lamium album</i> (White Dead-nettle)                        | o   | -   |
| <i>Lepidium draba</i> (Hoary Cress)                            | la  | -   |
| <i>Lycopus europaeus</i> (Gypsywort)                           | -   | r   |
| <i>Malva sylvestris</i> (Common Mallow)                        | r   | -   |
| <i>Myosotis arvensis</i> (Field Forget-me-not)                 | lf  | -   |
| <i>Oenanthe crocata</i> (Hemlock Water-dropwort)               | -   | f   |
| <i>Papaver somniferum</i> (Opium Poppy)                        | r   | -   |
| <i>Persicaria amphibia</i> (Amphibious Bistort)                | -   | r   |
| <i>Phalaris arundinacea</i> (Reed Canary-grass)                | -   | vld |
| <i>Phragmites australis</i> (Common Reed)                      | r   | d   |
| <i>Plantago lanceolata</i> (Ribwort Plantain)                  | o   | -   |
| <i>Poa annua</i> (Annual Meadow-grass)                         | r   | -   |
| <i>Poa trivialis</i> (Rough Meadow-grass)                      | f   | -   |
| <i>Potentilla reptans</i> (Creeping Cinquefoil)                | la  | -   |
| <i>Ranunculus repens</i> (Creeping Buttercup)                  | o   | -   |
| <i>Reseda luteola</i> (Weld)                                   | r   | -   |
| <i>Rumex acetosa</i> (Common Sorrel)                           | r   | -   |
| <i>Rumex</i> cf. <i>conglomeratus</i> (Clustered Dock)         | r   | -   |
| <i>Rumex crispus</i> (Curled Dock)                             | r   | -   |
| <i>Rumex obtusifolius</i> (Broad-leaved Dock)                  | o   | -   |
| <i>Senecio jacobaea</i> (Common Ragwort)                       | f   | -   |
| <i>Sisymbrium officinale</i> (Hedge Mustard)                   | o   | -   |
| <i>Solanum dulcamara</i> (Bittersweet)                         | -   | f   |
| <i>Sonchus asper</i> (Prickly Sow-thistle)                     | r   | -   |
| <i>Sonchus oleraceus</i> (Smooth Sow-thistle)                  | r   | -   |
| <i>Sparganium erectum</i> (Branched Bur-reed)                  | -   | r   |
| <i>Stachys sylvatica</i> (Hedge Woundwort)                     | vr  | -   |
| <i>Symphytum</i> species (a Comfrey)                           | vr  | -   |
| <i>Symphytum ×uplandicum</i> (Russian Comfrey)                 | r   | r   |
| <i>Taraxacum</i> sect. <i>Ruderalia</i> (Common Dandelion)     | r   | -   |
| <i>Typha latifolia</i> (Bulrush)                               | -   | vla |
| <i>Urtica dioica</i> (Common Nettle)                           | ld  | ld  |
| <i>Veronica arvensis</i> (Wall Speedwell)                      | r   | -   |
| <i>Vicia sativa</i> (Common Vetch)                             | r   | -   |
| c) Bryophytes and lichens                                      |     |     |
| <i>Brachythecium rutabulum</i>                                 | o   | -   |
| <i>Kindbergia praelonga</i>                                    | ld  | la  |
| Moss species                                                   | o   | -   |

Table 9.5. Plant species recorded from unimproved and semi-improved fields north of the West Coastway Line. Column 1 – seasonal pond at Target Note 25; column 2 – damp, unimproved grassland at Target Note 26/27 (species marked with asterisks recorded only at Target Note 27); column 3 – unimproved grassland at Target Note 31; column 4 – unimproved grassland at Target Note 35; column 5 – semi-improved grassland at Target Note 42.

| Species                                                            | 25 | 26/27 | 31 | 35  | 42 |
|--------------------------------------------------------------------|----|-------|----|-----|----|
| a) Trees, shrubs and climbers                                      |    |       |    |     |    |
| <i>Rubus fruticosus</i> agg. (Bramble)                             | -  | -     | f  | lf  | -  |
| <i>Sambucus nigra</i> (Elder)                                      | -  | -     | vr | -   | -  |
| b) Herbs and ferns                                                 |    |       |    |     |    |
| <i>Achillea millefolium</i> (Yarrow)                               | -  | -     | -  | -   | r  |
| <i>Agrostis capillaris</i> (Common Bent)                           | -  | -     | lf | ld  | o  |
| <i>Agrostis stolonifera</i> (Creeping Bent)                        | f  | la    | o  | vlf | lf |
| <i>Alopecurus geniculatus</i> (Marsh Foxtail)                      | -  | lf    | -  | r   | lf |
| <i>Alopecurus pratensis</i> (Meadow Foxtail)                       | -  | f     | f  | o   | o  |
| <i>Anagallis arvensis</i> ssp. <i>arvensis</i> (Scarlet Pimpernel) | -  | -     | -  | vr  | -  |
| <i>Anisantha sterilis</i> (Barren Brome)                           | -  | vr    | -  | -   | -  |
| <i>Anthoxanthum odoratum</i> (Sweet Vernal-grass)                  | -  | -     | -  | f   | o  |
| <i>Arctium minus</i> agg. (Lesser Burdock)                         | -  | r     | r  | vr  | vr |
| <i>Arrhenatherum elatius</i> (False Oat-grass)                     | -  | -     | o  | -   | -  |
| <i>Atriplex prostrata</i> (Spear-leaved Orache)                    | -  | vr    | -  | -   | -  |
| <i>Bellis perennis</i> (Daisy)                                     | -  | o     | r  | r   | o  |
| <i>Briza media</i> (Quaking-grass)                                 | -  | -     | -  | r   | -  |
| <i>Bromus hordeaceus</i> (Soft-brome)                              | -  | vla   | vr | vr  | r  |
| <i>Callitriche</i> cf. <i>stagnalis</i> (Common Water-starwort)    | lf | -     | -  | -   | -  |
| <i>Calystegia sepium</i> (Hedge Bindweed)                          | -  | -     | r  | -   | -  |
| <i>Capsella bursa-pastoris</i> (Shepherd's-purse)                  | -  | r     | -  | -   | -  |
| <i>Cardamine flexuosa</i> (Wavy Bitter-cress)                      | r  | vr    | -  | -   | -  |
| <i>Cardamine pratensis</i> (Cuckooflower)                          | r  | -     | -  | -   | -  |
| <i>Carex acutiformis</i> (Lesser Pond-sedge)                       | -  | r     | -  | vr  | -  |
| <i>Carex</i> cf. <i>acutiformis</i> (Lesser Pond-sedge)            | -  | -     | r  | -   | -  |
| <i>Carex disticha</i> (Brown Sedge)                                | -  | vr    | -  | -   | -  |
| <i>Carex hirta</i> (Hairy Sedge)                                   | r  | f     | -  | f   | f  |
| <i>Carex leporina</i> (Oval Sedge)                                 | -  | -     | -  | vr  | -  |
| <i>Carex</i> cf. <i>leporina</i> (Oval Sedge)                      | -  | -     | -  | -   | vr |
| <i>Carex nigra</i> (Common Sedge)                                  | -  | *ld   | -  | -   | -  |
| <i>Carex riparia</i> (Greater Pond-sedge)                          | -  | r     | -  | -   | -  |
| <i>Cerastium fontanum</i> (Common Mouse-ear)                       | -  | f     | o  | o   | f  |
| <i>Cerastium glomeratum</i> (Sticky Mouse-ear)                     | -  | o     | r  | o   | f  |
| <i>Cirsium arvense</i> (Creeping Thistle)                          | -  | r     | f  | lf  | -  |
| <i>Cirsium</i> species (a Thistle)                                 | r  | -     | r  | -   | -  |
| <i>Cirsium vulgare</i> (Spear Thistle)                             | -  | vlf   | f  | r   | lf |
| <i>Crepis vesicaria</i> (Beaked Hawk's-beard)                      | -  | vr    | -  | -   | vr |
| <i>Cynosurus cristatus</i> (Crested Dog's-tail)                    | -  | -     | -  | o   | la |
| <i>Dactylis glomerata</i> (Cock's-foot)                            | -  | lf    | la | o   | o  |
| <i>Danthonia decumbens</i> (Heath-grass)                           | -  | -     | -  | vlf | -  |
| <i>Dipsacus fullonum</i> (Teasel)                                  | -  | -     | lf | -   | vr |
| <i>Eleocharis palustris</i> (Common Spike-rush)                    | f  | lf    | -  | -   | -  |

|                                                              |    |    |     |     |    |
|--------------------------------------------------------------|----|----|-----|-----|----|
| <i>Elytrigia repens</i> (Common Couch)                       | -  | -  | r   | o   | -  |
| Cf. <i>Elytrigia repens</i> (Common Couch)                   | -  | -  | -   | -   | r  |
| <i>Epilobium hirsutum</i> (Great Willowherb)                 | -  | vr | r   | -   | -  |
| <i>Epilobium</i> species (a Willowherb), seedling            | -  | -  | -   | -   | vr |
| <i>Equisetum arvense</i> (Field Horsetail)                   | -  | r  | -   | r   | -  |
| <i>Equisetum fluviatile</i> (Water Horsetail)                | -  | vr | -   | -   | -  |
| <i>Equisetum palustre</i> (Marsh Horsetail)                  | f  | f  | f   | vlf | r  |
| <i>Festuca ovina</i> (Sheep's-fescue)                        | -  | -  | -   | lf  | -  |
| <i>Festuca rubra</i> (Red Fescue)                            | -  | -  | f   | f   | f  |
| <i>Filipendula ulmaria</i> (Meadowsweet)                     | -  | r  | o   | -   | -  |
| <i>Galium verum</i> (Lady's Bedstraw)                        | -  | -  | vlf | -   | -  |
| <i>Geranium dissectum</i> (Cut-leaved Crane's-bill)          | -  | o  | o   | vr  | o  |
| <i>Glechoma hederacea</i> (Ground-ivy)                       | -  | -  | o   | -   | -  |
| <i>Glyceria cf. declinata</i> (Small Sweet-grass)            | o  | -  | -   | -   | -  |
| <i>Glyceria fluitans</i> (Floating Sweet-grass)              | f  | lf | -   | vr  | -  |
| <i>Glyceria</i> species (a Sweet-grass)                      | -  | r  | -   | -   | -  |
| <i>Gnaphalium uliginosum</i> (Marsh Cudweed)                 | lf | -  | -   | -   | -  |
| <i>Helminthotheca echioides</i> (Bristly Oxtongue)           | -  | vr | o   | -   | r  |
| <i>Heracleum sphondylium</i> (Hogweed)                       | -  | r  | o   | -   | -  |
| <i>Hieracium</i> species (a Hawkweed)                        | -  | -  | -   | vr  | -  |
| <i>Holcus lanatus</i> (Yorkshire-fog)                        | -  | f  | a   | f   | f  |
| <i>Hordeum secalinum</i> (Meadow Barley)                     | -  | -  | -   | -   | f  |
| <i>Hypericum tetrapterum</i> (Square-stalked St John's-wort) | -  | -  | vr  | -   | -  |
| <i>Hypochaeris radicata</i> (Cat's-ear)                      | -  | -  | -   | vr  | -  |
| <i>Iris orientalis</i> (Turkish Iris)                        | -  | -  | -   | vr  | -  |
| <i>Iris pseudacorus</i> (Yellow Iris)                        | -  | vr | -   | -   | -  |
| <i>Juncus articulatus</i> (Jointed Rush)                     | o  | r  | -   | -   | -  |
| <i>Juncus cf. articulatus</i> (Jointed Rush)                 | -  | -  | r   | lf  | -  |
| <i>Juncus bufonius</i> (Toad Rush)                           | a  | r  | -   | -   | r  |
| <i>Juncus inflexus</i> (Hard Rush)                           | -  | vr | -   | -   | -  |
| <i>Lathyrus pratensis</i> (Meadow Vetchling)                 | -  | r  | o   | -   | r  |
| <i>Lepidium cf. coronopus</i> (Swine-cress)                  | r  | -  | -   | -   | -  |
| <i>Lepidium didymium</i> (Lesser Swine-cress)                | -  | r  | -   | -   | -  |
| <i>Linum usitatissimum</i> (Flax)                            | -  | vr | -   | -   | vr |
| <i>Lolium perenne</i> (Perennial Rye-grass)                  | -  | ld | lf  | la  | d  |
| <i>Lotus corniculatus</i> (Common Bird's-foot-trefoil)       | -  | r  | lf  | lf  | r  |
| <i>Lotus pedunculatus</i> (Greater Bird's-foot-trefoil)      | -  | r  | o   | lf  | -  |
| <i>Luzula campestris</i> (Field Wood-rush)                   | -  | o  | -   | o   | -  |
| <i>Lycopus europaeus</i> (Gypsywort)                         | -  | vr | -   | r   | -  |
| <i>Matricaria discoidea</i> (Pineappleweed)                  | -  | r  | -   | -   | -  |
| <i>Medicago lupulina</i> (Black Medick)                      | -  | -  | r   | vr  | -  |
| <i>Mentha aquatica</i> (Water Mint)                          | r  | r  | r   | -   | -  |
| <i>Myosotis arvensis</i> (Field Forget-me-not)               | -  | r  | -   | -   | r  |
| <i>Myosotis laxa</i> (Tufted Forget-me-not)                  | a  | -  | -   | r   | r  |
| <i>Odontites vernus</i> (Red Bartsia)                        | -  | r  | o   | -   | -  |
| <i>Persicaria amphibia</i> (Amphibious Bistort)              | f  | -  | o   | lf  | lf |
| <i>Phalaris arundinacea</i> (Reed Canary-grass)              | -  | vr | r   | -   | -  |
| <i>Phragmites australis</i> (Common Reed)                    | -  | r  | la  | -   | -  |
| <i>Plantago lanceolata</i> (Ribwort Plantain)                | -  | r  | vr  | -   | -  |
| <i>Plantago major</i> (Greater Plantain)                     | o  | f  | r   | r   | f  |
| <i>Poa annua</i> (Annual Meadow-grass)                       | r  | r  | -   | r   | o  |
| <i>Poa humilis</i> (Spreading Meadow-grass)                  | -  | r  | -   | -   | -  |
| <i>Poa pratensis</i> (Smooth Meadow-grass)                   | -  | f  | o   | f   | a  |

|                                                              |   |     |    |     |     |
|--------------------------------------------------------------|---|-----|----|-----|-----|
| <i>Poa trivialis</i> (Rough Meadow-grass)                    | - | f   | a  | lf  | f   |
| <i>Polygonum aviculare</i> agg. (Knotgrass)                  | - | r   | -  | -   | -   |
| <i>Potentilla anserina</i> (Silverweed)                      | f | lf  | lf | lf  | lf  |
| <i>Potentilla erecta</i> (Tormentil)                         | - | -   | -  | vr  | -   |
| <i>Potentilla reptans</i> (Creeping Cinquefoil)              | - | r   | lf | r   | r   |
| <i>Prunella vulgaris</i> (Selfheal)                          | - | r   | o  | r   | r   |
| <i>Pulicaria dysenterica</i> (Common Fleabane)               | - | r   | o  | r   | vr  |
| <i>Ranunculus acris</i> (Meadow Buttercup)                   | - | f   | -  | -   | o   |
| <i>Ranunculus</i> subg. <i>Batrachium</i> (a Water-crowfoot) | r | -   | -  | -   | -   |
| <i>Ranunculus bulbosus</i> (Bulbous Buttercup)               | - | r   | -  | -   | f   |
| <i>Ranunculus flammula</i> (Lesser Spearwort)                | - | -   | -  | r   | -   |
| <i>Ranunculus repens</i> (Creeping Buttercup)                | a | f   | f  | lf  | o   |
| <i>Ranunculus sceleratus</i> (Celery-leaved Buttercup)       | - | r   | -  | -   | r   |
| <i>Rubus fruticosus</i> agg. (Bramble)                       | - | vr  | -  | -   | -   |
| <i>Rumex acetosa</i> (Common Sorrel)                         | - | r   | o  | r   | r   |
| <i>Rumex acetosella</i> (Sheep's Sorrel)                     | - | -   | -  | la  | -   |
| <i>Rumex conglomeratus</i> (Clustered Dock)                  | a | la  | lf | r   | lf  |
| <i>Rumex crispus</i> (Curled Dock)                           | - | r   | -  | -   | r   |
| <i>Rumex obtusifolius</i> (Broad-leaved Dock)                | r | vr  | -  | r   | vlf |
| <i>Schedonorus arundinaceus</i> (Tall Fescue)                | - | r   | -  | vla | r   |
| <i>Schedonorus pratensis</i> (Meadow Fescue)                 | - | -   | lf | -   | r   |
| <i>Senecio jacobaea</i> (Common Ragwort)                     | - | o   | f  | f   | o   |
| <i>Silene flos-cuculi</i> (Ragged-Robin)                     | - | *vr | -  | -   | -   |
| <i>Sisymbrium officinale</i> (Hedge Mustard)                 | - | r   | -  | -   | -   |
| <i>Sonchus asper</i> (Prickly Sow-thistle)                   | - | r   | r  | r   | r   |
| <i>Sonchus oleraceus</i> (Smooth Sow-thistle)                | - | r   | r  | r   | r   |
| <i>Stellaria graminea</i> (Lesser Stitchwort)                | - | vr  | o  | f   | r   |
| <i>Taraxacum</i> sect. <i>Ruderalia</i> (Common Dandelion)   | - | r   | -  | o   | o   |
| <i>Tragopogon pratensis</i> (Goat's-beard)                   | - | -   | vr | -   | -   |
| <i>Tripleurospermum inodorum</i> (Scentless Mayweed)         | - | vr  | -  | -   | -   |
| <i>Trifolium dubium</i> (Lesser Trefoil)                     | - | vr  | -  | r   | -   |
| <i>Trifolium</i> cf. <i>micranthum</i> (Slender Trefoil)     | - | -   | -  | -   | vr  |
| <i>Trifolium pratense</i> (Red Clover)                       | - | o   | o  | o   | f   |
| <i>Trifolium repens</i> (White Clover)                       | - | f   | o  | f   | f   |
| <i>Triticum aestivum</i> (Bread Wheat)                       | - | vr  | -  | -   | -   |
| <i>Urtica dioica</i> (Common Nettle)                         | - | -   | r  | -   | vla |
| <i>Veronica arvensis</i> (Wall Speedwell)                    | - | -   | -  | vr  | -   |
| <i>Veronica beccabunga</i> (Brooklime)                       | - | vr  | -  | -   | -   |
| <i>Veronica catenata</i> (Pink Water-speedwell)              | o | -   | -  | vr  | r   |
| <i>Veronica serpyllifolia</i> (Thyme-leaved Speedwell)       | r | r   | -  | -   | r   |
| <i>Vicia cracca</i> (Tufted Vetch)                           | - | vr  | -  | -   | -   |
| <i>Vicia sativa</i> (Common Vetch)                           | - | -   | vr | -   | vr  |
| <i>Viola riviniana</i> (Common Dog-violet)                   | - | -   | -  | vr  | -   |
| c) Bryophytes and lichens                                    |   |     |    |     |     |
| <i>Brachythecium rutabulum</i>                               | - | -   | -  | f   | o   |
| Cf. <i>Campylium stellatum</i>                               | - | *r  | -  | -   | -   |
| <i>Drepanocladus aduncus</i>                                 | - | *la | -  | -   | -   |

Table 9.6. Plant species recorded from ditches and swamp vegetation north of the West Coastway Line. Column 1 – Target Note 28; column 2 – swamp at Target Note 32; column 3 – Target Note 33; column 4 – Target Note 34; column 5 – Target Note 36; column 6 – Target Note 39; column 7 – Target Note 43; column 8 – Target Note 44.

| Species                                                         | 28 | 32 | 33 | 34 | 36 | 39 | 43 | 44 |
|-----------------------------------------------------------------|----|----|----|----|----|----|----|----|
| a) Trees, shrubs and climbers                                   |    |    |    |    |    |    |    |    |
| <i>Clematis vitalba</i> (Traveller's-joy)                       | -  | -  | r  | -  | -  | -  | -  | -  |
| <i>Crataegus monogyna</i> (Hawthorn)                            | r  | f  | o  | o  | f  | o  | r  | d  |
| <i>Prunus spinosa</i> (Blackthorn)                              | -  | -  | -  | -  | -  | -  | -  | ld |
| <i>Ribes rubrum</i> (Red Currant)                               | -  | r  | -  | -  | -  | -  | -  | -  |
| <i>Rubus fruticosus</i> agg. (Bramble)                          | la | la | la | o  | la | o  | -  | ld |
| <i>Salix cinerea</i> (Grey Willow)                              | -  | r  | -  | -  | -  | -  | -  | vr |
| <i>Salix fragilis</i> (Crack-willow)                            | -  | -  | vr | -  | -  | -  | -  | r  |
| <i>Sambucus nigra</i> (Elder)                                   | vr | f  | f  | -  | -  | vr | -  | f  |
| <i>Ulmus procera</i> (English Elm), seedling                    | -  | -  | -  | -  | -  | vr | -  | -  |
| b) Herbs and ferns                                              |    |    |    |    |    |    |    |    |
| <i>Achillea millefolium</i> (Yarrow)                            | -  | -  | -  | -  | -  | vr | -  | -  |
| <i>Agrostis stolonifera</i> (Creeping Bent)                     | -  | -  | -  | o  | o  | lf | lf | -  |
| <i>Alisma plantago-aquatica</i> (Water-plantain)                | -  | -  | -  | r  | -  | r  | lf | -  |
| <i>Alopecurus pratensis</i> (Meadow Foxtail)                    | -  | r  | -  | -  | -  | -  | -  | -  |
| <i>Apium nodiflorum</i> (Fool's Water-cress)                    | ld | -  | -  | ld | a  | la | -  | -  |
| <i>Anthriscus sylvestris</i> (Cow Parsley)                      | -  | -  | -  | -  | -  | -  | -  | vr |
| <i>Arrhenatherum elatius</i> (False Oat-grass)                  | r  | r  | -  | -  | -  | -  | -  | r  |
| <i>Aster ×salignus</i> (Common Michaelmas-daisy)                | -  | ld | -  | -  | -  | -  | -  | -  |
| <i>Bellis perennis</i> (Daisy)                                  | -  | -  | -  | r  | -  | r  | -  | -  |
| <i>Bromus hordeaceus</i> (Soft-brome)                           | r  | -  | -  | -  | -  | -  | -  | -  |
| <i>Calystegia sepium</i> (Hedge Bindweed)                       | r  | o  | f  | -  | -  | r  | -  | o  |
| <i>Callitriche</i> species (a Water-starwort)                   | -  | -  | -  | r  | -  | -  | -  | -  |
| <i>Callitriche stagnalis</i> (Common Water-starwort)            | -  | -  | -  | -  | -  | r  | o  | -  |
| <i>Callitriche</i> cf. <i>stagnalis</i> (Common Water-starwort) | -  | -  | -  | -  | -  | -  | -  | vr |
| <i>Cardamine pratensis</i> (Cuckooflower)                       | r  | -  | -  | -  | r  | -  | -  | -  |
| <i>Carex acutiformis</i> (Lesser Pond-sedge)                    | lf | ld | la | lf | -  | la | -  | -  |
| <i>Carex hirta</i> (Hairy Sedge)                                | -  | -  | -  | -  | o  | o  | r  | -  |
| <i>Carex otrubae</i> (False Fox-sedge)                          | -  | -  | -  | -  | -  | r  | -  | -  |
| <i>Carex panicea</i> (Carnation Sedge)                          | -  | -  | -  | -  | -  | vr | -  | -  |
| <i>Carex riparia</i> (Greater Pond-sedge)                       | la | lf | o  | f  | lf | la | -  | -  |
| <i>Carex</i> cf. <i>riparia</i> (Greater Pond-sedge)            | -  | -  | -  | -  | -  | -  | -  | r  |
| <i>Cerastium fontanum</i> (Common Mouse-ear)                    | o  | -  | -  | -  | o  | r  | -  | -  |
| <i>Cirsium arvense</i> (Creeping Thistle)                       | vr | r  | lf | -  | -  | r  | -  | -  |
| <i>Cirsium vulgare</i> (Spear Thistle)                          | -  | r  | -  | -  | -  | vr | vr | -  |
| <i>Cynosurus cristatus</i> (Crested Dog's-tail)                 | -  | -  | -  | vr | -  | -  | -  | -  |
| <i>Dactylis glomerata</i> (Cock's-foot)                         | la | r  | -  | r  | -  | -  | -  | r  |
| <i>Dipsacus fullonum</i> (Teasel)                               | -  | -  | -  | -  | -  | vr | -  | -  |
| <i>Dryopteris dilatata</i> (Broad Buckler-fern)                 | -  | vr | -  | -  | -  | -  | -  | -  |
| <i>Dryopteris filix-mas</i> (Male-fern)                         | -  | lf | -  | -  | -  | -  | -  | -  |
| <i>Eleocharis palustris</i> (Common Spike-rush)                 | -  | -  | -  | r  | -  | r  | -  | -  |
| <i>Epilobium hirsutum</i> (Great Willowherb)                    | lf | lf | o  | vr | lf | o  | -  | la |
| <i>Epilobium parviflorum</i> (Hoary Willowherb)                 | -  | -  | -  | r  | -  | -  | -  | -  |
| <i>Equisetum arvense</i> (Field Horsetail)                      | r  | o  | r  | r  | -  | r  | -  | lf |

|                                                              |     |    |     |    |    |    |    |    |
|--------------------------------------------------------------|-----|----|-----|----|----|----|----|----|
| <i>Equisetum fluviatile</i> (Water Horsetail)                | o   | -  | -   | o  | o  | o  | o  | -  |
| <i>Equisetum palustre</i> (Marsh Horsetail)                  | o   | o  | r   | f  | f  | f  | f  | r  |
| <i>Eupatorium cannabinum</i> (Hemp-agrimony)                 | -   | -  | vlf | -  | -  |    |    |    |
| <i>Festuca rubra</i> (Red Fescue)                            | -   | -  | -   | o  | -  | -  | -  | -  |
| <i>Filipendula ulmaria</i> (Meadowsweet)                     | vlf | la | r   | r  | o  | r  | -  | r  |
| <i>Galium aparine</i> (Cleavers)                             | -   | r  | f   | -  |    | -  | -  | o  |
| <i>Galium palustre</i> (Common Marsh-bedstraw)               | -   | -  | -   | -  | o  | o  | r  | -  |
| <i>Geranium dissectum</i> (Cut-leaved Crane's-bill)          | r   | r  | -   | -  | r  | -  | -  | -  |
| <i>Glyceria declinata</i> (Small Sweet-grass)                | -   | -  | -   | -  | -  | -  | lf | -  |
| <i>Glyceria fluitans</i> (Floating Sweet-grass)              | -   | -  | -   | r  | -  | -  | -  | -  |
| <i>Glyceria cf. fluitans</i> (Floating Sweet-grass)          | -   | -  | -   | -  | -  | -  | r  | -  |
| <i>Glyceria notata</i> (Plicate Sweet-grass)                 | -   | -  | -   | o  | -  |    |    |    |
| <i>Helminthotheca echioides</i> (Bristly Oxtongue)           | -   | r  | -   | -  | -  | -  | -  | -  |
| <i>Heracleum sphondylium</i> (Hogweed)                       | -   | r  | r   | -  | -  | r  | -  | r  |
| <i>Holcus lanatus</i> (Yorkshire-fog)                        | r   | r  | r   | -  | o  | o  | -  | -  |
| <i>Hypericum tetrapterum</i> (Square-stalked St John's-wort) | r   | -  | -   | -  | r  | r  | -  | -  |
| <i>Iris pseudacorus</i> (Yellow Iris)                        | -   | lf | r   | -  | -  | r  | -  | -  |
| <i>Juncus articulatus</i> (Jointed Rush)                     | -   | -  | -   | r  | -  | vr | -  | -  |
| <i>Juncus cf. articulatus</i> (Jointed Rush)                 | -   | -  | -   | -  | r  | -  | r  | -  |
| <i>Juncus bufonius</i> (Toad Rush)                           | -   | -  | -   | -  | -  | r  | r  | -  |
| <i>Juncus effusus</i> (Soft-rush)                            | -   | -  | -   | -  | r  | -  | -  | -  |
| <i>Juncus inflexus</i> (Hard Rush)                           | -   | -  | -   | r  | r  | r  | -  | -  |
| <i>Lathyrus pratensis</i> (Meadow Vetchling)                 | r   | r  | -   | -  | -  | r  | -  | r  |
| <i>Lotus pedunculatus</i> (Greater Bird's-foot-trefoil)      | r   | -  | -   | r  | -  | r  | -  | -  |
| <i>Lycopus europaeus</i> (Gypsywort)                         | o   | -  | r   | -  | o  | o  | r  | r  |
| <i>Lythrum salicaria</i> (Purple-loosestrife)                | -   | r  | r   | -  | -  | -  | -  | -  |
| <i>Mentha aquatica</i> (Water Mint)                          | f   | -  | r   | lf | f  | la | o  | r  |
| <i>Myosotis arvensis</i> (Field Forget-me-not)               | -   | r  | -   | -  | -  | -  | -  | -  |
| <i>Myosotis laxa</i> (Tufted Forget-me-not)                  | -   | r  | r   | lf | f  | f  | f  | -  |
| <i>Myosotis scorpioides</i> (Water Forget-me-not)            | -   | -  | -   | r  | lf | lf | -  | -  |
| <i>Nasturtium cf. officinale</i> (Water-cress)               | -   | -  | -   | -  | -  | -  | o  | -  |
| <i>Oenanthe crocata</i> (Hemlock Water-dropwort)             | -   | -  | lf  | -  | -  | o  | -  | la |
| <i>Persicaria amphibia</i> (Amphibious Bistort)              | o   | o  | r   | -  | o  | o  | f  | -  |
| <i>Phalaris arundinacea</i> (Reed Canary-grass)              | -   | -  | la  | ld | -  | -  | -  | -  |
| <i>Phleum pratense</i> (Timothy)                             | -   | -  | -   | -  | o  | -  | -  | -  |
| <i>Phragmites australis</i> (Common Reed)                    | ld  | a  | d   | -  | d  | ld | r  | ld |
| <i>Plantago major</i> (Greater Plantain)                     | -   | -  | -   | -  | r  | r  | r  | -  |
| <i>Poa annua</i> (Annual Meadow-grass)                       | -   | -  | -   | -  | -  | lf | r  | -  |
| <i>Poa trivialis</i> (Rough Meadow-grass)                    | la  | o  | -   | f  | -  | la | lf | f  |
| <i>Potentilla anserina</i> (Silverweed)                      | r   | -  | -   | r  | -  | vr | r  | -  |
| <i>Pulicaria dysenterica</i> (Common Fleabane)               | o   | la | r   | o  | o  | o  | vr | -  |
| <i>Ranunculus acris</i> (Meadow Buttercup)                   | o   | -  | vr  | -  | o  | r  | -  | -  |
| <i>Ranunculus</i> subg. <i>Batrachium</i> (a Water-crowfoot) | -   | -  | -   | -  | -  | -  | f  | -  |
| <i>Ranunculus repens</i> (Creeping Buttercup)                | o   | r  | -   | r  | o  | lf | lf | -  |
| <i>Ranunculus sceleratus</i> (Celery-leaved Buttercup)       | -   | -  | -   | r  | -  | la | o  | -  |
| <i>Rumex acetosa</i> (Common Sorrel)                         | r   | -  | r   | -  | -  | vr | -  | -  |
| <i>Rumex conglomeratus</i> (Clustered Dock)                  | o   | -  | -   | o  | o  | o  | a  | r  |
| <i>Samolus valerandi</i> (Brookweed)                         | -   | -  | -   | r  | r  | r  | r  | -  |
| <i>Scrophularia auriculata</i> (Water Figwort)               | o   | -  | o   | -  | o  | o  | -  | -  |
| <i>Senecio jacobaea</i> (Common Ragwort)                     | r   | -  | -   | -  | r  | r  | -  | -  |
| <i>Solanum dulcamara</i> (Bittersweet)                       | -   | -  | f   | -  | -  | -  | -  | o  |
| <i>Sonchus asper</i> (Prickly Sow-thistle)                   | -   | -  | -   | -  | -  | vr | -  | -  |
| <i>Sonchus oleraceus</i> (Smooth Sow-thistle)                | r   | -  | -   | -  | -  | -  | -  | -  |

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|                                                        |   |   |   |   |     |    |    |   |
|--------------------------------------------------------|---|---|---|---|-----|----|----|---|
| <i>Sparganium erectum</i> (Branched Bur-reed)          | r | - | - | f | vlf | ld | lf | r |
| <i>Stachys palustris</i> (Marsh Woundwort)             | - | - | r | - | -   |    |    |   |
| <i>Trifolium pratense</i> (Red Clover)                 | - | - | - | - | r   | r  | -  | - |
| <i>Trifolium repens</i> (White Clover)                 | r | - | - | r | o   | o  | -  | - |
| <i>Urtica dioica</i> (Common Nettle)                   | - | r | f | r | -   | r  | -  | - |
| <i>Veronica beccabunga</i> (Brooklime)                 | - | - | - | r | o   | la | -  | - |
| <i>Veronica catenata</i> (Pink Water-speedwell)        | - | - | - | - | lf  | lf | a  | - |
| <i>Veronica serpyllifolia</i> (Thyme-leaved Speedwell) | - | - | - | - | -   | vr | -  | - |
| <i>Vicia cracca</i> (Tufted Vetch)                     | - | o | r | - | -   | -  | -  | - |
| <i>Vicia sativa</i> (Common Vetch)                     | - | - | - | - | -   | r  | -  | - |
| c) Bryophytes and lichens                              |   |   |   |   |     |    |    |   |
| <i>Brachythecium rutabulum</i>                         | o | - | - | - | r   | -  | -  | - |
| <i>Kindbergia praelonga</i>                            | r | - | - | - | -   | -  | -  | - |

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Table 9.7. Plant species recorded from arable fields. Column 1 – Target Note 44a; column 2 – Target Note 89; column 3 – Target Note 108a; column 4 – Target Note 140; column 5 – 181a. Species mainly recorded from rough grassland field margins are marked with asterisks.

| Species                                                            | 44a | 89a | 108a | 140 | 181a |
|--------------------------------------------------------------------|-----|-----|------|-----|------|
| a) Trees, shrubs and climbers                                      |     |     |      |     |      |
| <i>Crataegus monogyna</i> (Hawthorn)                               | -   | -   | *vr  | -   | -    |
| <i>Fraxinus excelsior</i> (Ash), seedling                          | -   | -   | -    | -   | *vr  |
| <i>Prunus spinosa</i> (Blackthorn), seedling                       | -   | -   | -    | -   | *vr  |
| <i>Quercus robur</i> (Pedunculate Oak), seedling                   | -   | -   | -    | -   | *vr  |
| <i>Rosa canina</i> (Dog-rose), seedling                            | -   | -   | *vr  | -   | *vr  |
| <i>Rubus fruticosus</i> agg. (Bramble)                             | -   | -   | *r   | -   | -    |
| <i>Rubus fruticosus</i> agg. (Bramble), seedling                   | -   | -   | -    | -   | *vr  |
| <i>Salix cinerea</i> (Grey Willow), seedling                       | -   | -   | -    | -   | *vr  |
| <i>Sambucus nigra</i> (Elder)                                      | -   | -   | *vr  | -   | -    |
| b) Herbs and ferns                                                 |     |     |      |     |      |
| <i>Aethusa cynapium</i> (Fool's Parsley)                           | -   | r   | o    | -   | r    |
| <i>Agrimonia eupatoria</i> (Agrimony)                              | -   | -   | -    | -   | -    |
| <i>Agrostis capillaris</i> (Common Bent)                           | -   | -   | -    | -   | *r   |
| <i>Agrostis stolonifera</i> (Creeping Bent)                        | -   | -   | -    | -   | *o   |
| <i>Alopecurus geniculatus</i> (Marsh Foxtail)                      | r   | -   | -    | -   | -    |
| <i>Alopecurus myosuroides</i> (Black-grass)                        | r   | -   | r    | a   | -    |
| <i>Anagallis arvensis</i> ssp. <i>arvensis</i> (Scarlet Pimpernel) | o   | -   | o    | f   | -    |
| <i>Anisantha sterilis</i> (Barren Brome)                           | -   | -   | *r   | vr  | *o   |
| <i>Anthriscus sylvestris</i> (Cow Parsley)                         | -   | *o  | *r   | -   | -    |
| <i>Arctium minus</i> agg. (Lesser Burdock)                         | r   | -   | *vr  | -   | *r   |
| <i>Arrhenatherum elatius</i> (False Oat-grass)                     | -   | *a  | *la  | -   | *f   |
| <i>Artemisia vulgaris</i> (Mugwort)                                | -   | -   | *vr  | -   | -    |
| <i>Atriplex patula</i> (Common Orache)                             | f   | o   | f    | -   | o    |
| <i>Avena fatua</i> (Wild-oat)                                      | -   | -   | r    | vr  | r    |
| <i>Ballota nigra</i> (Black Horehound)                             | -   | -   | *r   | -   | -    |
| <i>Brassica napus</i> (Rape)                                       | -   | -   | -    | -   | vr   |
| <i>Bromus commutatus</i> (Meadow Brome)                            | -   | -   | -    | a   | o    |
| <i>Bromus hordeaceus</i> ssp. <i>hordeaceus</i> (Soft-brome)       | r   | -   | lf   | r   | f    |
| <i>Bromus secalinus</i> (Rye Brome)                                | -   | -   | r    | -   | -    |
| <i>Bryonia dioica</i> (White Bryony)                               | -   | -   | *r   | -   | -    |
| <i>Capsella bursa-pastoris</i> (Shepherd's-purse)                  | o   | o   | -    | vr  | r    |
| <i>Carduus crispus</i> (Wetted Thistle)                            | -   | -   | *vlf | -   | -    |
| <i>Cerastium fontanum</i> (Common Mouse-ear)                       | o   | -   | -    | r   | *r   |
| <i>Chenopodium album</i> (Fat-hen)                                 | -   | -   | -    | -   | o    |
| <i>Cirsium arvense</i> (Creeping Thistle)                          | -   | *o  | -    | -   | *f   |
| <i>Cirsium vulgare</i> (Spear Thistle)                             | -   | -   | *r   | r   | *r   |
| <i>Convolvulus arvensis</i> (Field Bindweed)                       | -   | *f  | *lf  | -   | *o   |
| <i>Crepis capillaris</i> (Smooth Hawk's-beard)                     | -   | -   | -    | vr  | -    |
| <i>Crepis vesicaria</i> (Beaked Hawk's-beard)                      | -   | -   | -    | -   | -    |
| <i>Dactylis glomerata</i> (Cock's-foot)                            | -   | *f  | *r   | r   | *r   |
| <i>Dipsacus fullonum</i> (Teasel)                                  | -   | -   | *vr  | -   | -    |
| <i>Elytrigia repens</i> (Common Couch)                             | -   | *f  | *o   | -   | *o   |
| <i>Epilobium montanum</i> (Broad-leaved Willowherb)                | -   | -   | -    | vr  | -    |
| <i>Epilobium parviflorum</i> (Hoary Willowherb)                    | -   | -   | -    | o   | -    |

|                                                                     |    |    |     |    |     |
|---------------------------------------------------------------------|----|----|-----|----|-----|
| <i>Epilobium</i> species (a Willowherb)                             | f  | -  | -   | -  | -   |
| <i>Epilobium tetragonum</i> (Square-stalked Willowherb)             | -  | -  | -   | o  | vr  |
| <i>Euphorbia helioscopia</i> (Sun Spurge)                           | -  | -  | r   | -  | -   |
| <i>Festuca rubra</i> (Red Fescue)                                   | -  | -  | -   | -  | *r  |
| <i>Fumaria officinalis</i> (Common Fumitory)                        | -  | -  | o   | -  | -   |
| <i>Galium aparine</i> (Cleavers)                                    | r  | *o | *lf | r  | o   |
| <i>Galium verum</i> (Lady's Bedstraw)                               | -  | -  | *vr | -  | -   |
| <i>Geranium dissectum</i> (Cut-leaved Crane's-bill)                 | -  | *r | -   | f  | *o  |
| <i>Geranium molle</i> (Dove's-foot Crane's-bill)                    | vr | -  | vr  | -  | -   |
| <i>Glechoma hederacea</i> (Ground-ivy)                              | -  | -  | *vr | -  | *vr |
| <i>Gnaphalium uliginosum</i> (Marsh Cudweed)                        | o  | -  | -   | -  | -   |
| <i>Helminthotheca echinoides</i> (Bristly Oxtongue)                 | -  | vr | -   | o  | -   |
| <i>Heracleum sphondylium</i> (Hogweed)                              | -  | -  | *r  | vr | *o  |
| <i>Holcus lanatus</i> (Yorkshire-fog)                               | -  | -  | -   | o  | *d  |
| <i>Hypericum perforatum</i> (Perforate St John's-wort)              | -  | -  | -   | -  | *vr |
| <i>Hypochaeris radicata</i> (Cat's-ear)                             | -  | -  | -   | vr | -   |
| <i>Juncus bufonius</i> (Toad Rush)                                  | lf | -  | -   | -  | -   |
| <i>Kickxia elatine</i> (Sharp-leaved Fluellen)                      | -  | -  | o   | -  | r   |
| <i>Lamium amplexicaule</i> (Henbit Dead-nettle)                     | -  | -  | r   | -  | -   |
| <i>Lapsana communis</i> (Nipplewort)                                | -  | -  | -   | vr | -   |
| <i>Lathyrus pratensis</i> (Meadow Vetchling)                        | -  | -  | -   | -  | r   |
| <i>Lepidium campestre</i> (Field Pepperwort)                        | -  | -  | -   | vr | -   |
| <i>Lepidium cf. coronopus</i> (Swine-cress)                         | -  | r  | -   | -  | vr  |
| <i>Lepidium didymum</i> (Lesser Swine-cress)                        | f  | -  | -   | -  | -   |
| <i>Linum usitatissimum</i> (Flax)                                   | r  | -  | -   | -  | -   |
| <i>Lolium perenne</i> (Perennial Rye-grass)                         | -  | *o | *r  | o  | *r  |
| <i>Lotus pedunculatus</i> (Greater Bird's-foot-trefoil)             | -  | -  | -   | -  | -   |
| <i>Malva sylvestris</i> (Common Mallow)                             | -  | -  | *vr | -  | -   |
| <i>Matricaria chamomilla</i> (Scented Mayweed)                      | d  | -  | -   | -  | -   |
| <i>Mentha arvensis</i> (Corn Mint)                                  | -  | -  | -   | -  | *vr |
| <i>Mercurialis annua</i> (Annual Mercury)                           | -  | -  | r   | -  | -   |
| <i>Myosotis arvensis</i> (Field Forget-me-not)                      | r  | -  | o   | vr | -   |
| <i>Odontites vernus</i> (Red Bartsia)                               | -  | -  | -   | -  | -   |
| <i>Papaver rhoeas</i> (Common Poppy)                                | lf | o  | r   | -  | -   |
| <i>Persicaria maculosa</i> (Redshank)                               | f  | -  | -   | f  | -   |
| <i>Phleum bertolonii</i> (Smaller Cat's-tail)                       | -  | -  | -   | r  | -   |
| <i>Plantago lanceolata</i> (Ribwort Plantain)                       | -  | -  | *r  | vr | -   |
| <i>Plantago major</i> (Greater Plantain)                            | o  | *r | r   | a  | *r  |
| <i>Poa annua</i> (Annual Meadow-grass)                              | lf | -  | r   | f  | vr  |
| <i>Poa trivialis</i> (Rough Meadow-grass)                           | -  | *f | *o  | f  | *f  |
| <i>Polygonum aviculare</i> (Knotgrass)                              | f  | o  | -   | a  | r   |
| <i>Pulicaria dysenterica</i> (Common Fleabane)                      | -  | -  | -   | -  | *o  |
| <i>Ranunculus repens</i> (Creeping Buttercup)                       | -  | -  | -   | -  | *a  |
| <i>Raphanus raphanistrum</i> ssp. <i>Raphanistrum</i> (Wild Radish) | r  | -  | -   | -  | vr  |
| <i>Rumex obtusifolius</i> (Broad-leaved Dock)                       | -  | r  | -   | vr | *vr |
| <i>Rumex sanguineus</i> (Wood Dock)                                 | -  | -  | -   | -  | *r  |
| <i>Senecio erucifolius</i> (Hoary Ragwort)                          | -  | -  | -   | -  | *vr |
| <i>Senecio jacobaea</i> (Common Ragwort)                            | r  | -  | -   | vr | *vr |
| <i>Senecio vulgaris</i> (Groundsel)                                 | -  | -  | -   | -  | r   |
| <i>Sherardia arvensis</i> (Field Madder)                            | lf | -  | r   | -  | -   |
| <i>Silene latifolia</i> ssp. <i>alba</i> (White Campion)            | -  | -  | r   | -  | -   |
| <i>Sinapis arvensis</i> (Charlock)                                  | -  | -  | *vr | -  | -   |
| <i>Sisymbrium officinale</i> (Hedge Mustard)                        | o  | o  | r   | r  | *vr |

|                                                        |    |    |     |    |     |
|--------------------------------------------------------|----|----|-----|----|-----|
| <i>Solanum dulcamara</i> (Bittersweet)                 | -  | -  | r   | -  | -   |
| <i>Solanum nigrum</i> (Black Nightshade)               | r  | -  | -   | -  | -   |
| <i>Sonchus arvensis</i> (Perennial Sow-thistle)        | -  | -  | -   | -  | vr  |
| <i>Sonchus asper</i> (Prickly Sow-thistle)             | o  | r  | o   | f  | *vr |
| <i>Sonchus oleraceus</i> (Smooth Sow-thistle)          | r  | -  | -   | -  | -   |
| <i>Spergula arvensis</i> (Corn Spurrey)                | ld | -  | -   | -  | -   |
| <i>Stachys sylvatica</i> (Hedge Woundwort)             | -  | -  | -   | -  | *vr |
| <i>Stellaria graminea</i> (Lesser Stitchwort)          | -  | -  | -   | -  | *vr |
| <i>Stellaria media</i> (Common Chickweed)              | -  | r  | r   | -  | -   |
| <i>Taraxacum sect. Ruderalia</i> (Common Dandelion)    | -  | -  | -   | -  | *vr |
| <i>Torilis japonica</i> (Upright Hedge-parsley)        | -  | -  | *r  | -  | -   |
| <i>Tragopogon pratensis</i> (Goat's-beard)             | -  | -  | -   | -  | *vr |
| <i>Trifolium repens</i> (White Clover)                 | -  | vr | -   | -  | -   |
| <i>Tripleurospermum inodorum</i> (Scentless Mayweed)   | -  | f  | r   | a  | f   |
| <i>Triticum aestivum</i> (Bread Wheat)                 | -  | r  | r   | -  | -   |
| <i>Urtica dioica</i> (Common Nettle)                   | -  | -  | *lf | -  | r   |
| <i>Urtica urens</i> (Small Nettle)                     | -  | vr | -   | -  | -   |
| <i>Veronica agrestis</i> (Green Field-speedwell)       | r  | -  | r   | -  | -   |
| <i>Veronica arvensis</i> (Wall Speedwell)              | o  | r  | -   | -  | -   |
| <i>Veronica persica</i> (Common Field-speedwell)       | -  | r  | o   | vr | vr  |
| <i>Veronica serpyllifolia</i> (Thyme-leaved Speedwell) | -  | -  | -   | -  | *vr |
| <i>Vicia cracca</i> (Tufted Vetch)                     | -  | -  | -   | -  | *vr |
| <i>Vicia faba</i> (Broad Bean)                         | -  | vr | -   | -  | -   |
| <i>Vicia tetrasperma</i> (Smooth Tare)                 | -  | -  | -   | -  | *vr |
| <i>Viola arvensis</i> (Field Pansy)                    | o  | -  | r   | o  | -   |
| <i>Vulpia bromoides</i> (Squirreltail Fescue)          | -  | -  | -   | o  | -   |
| c) Bryophytes and lichens                              |    |    |     |    |     |
| <i>Bryum</i> species                                   | -  | -  | -   | a  | -   |
| d) Algae                                               |    |    |     |    |     |
|                                                        | -  | o  | -   | -  | -   |

Table 9.9. Plant species recorded from mesotrophic grasslands. Column 1 – Target Note 49; column 2 – Target Note 150; column 3 – Target Note 221; column 4 – Target Note 223.

| Species                                                  | 49  | 150 | 221 | 223 |
|----------------------------------------------------------|-----|-----|-----|-----|
| a) Trees, shrubs and climbers                            |     |     |     |     |
| <i>Crataegus monogyna</i> (Hawthorn)                     | o   | -   | -   | -   |
| <i>Crataegus monogyna</i> (Hawthorn), seedling           | -   | vr  | -   | -   |
| <i>Fraxinus excelsior</i> (Ash), seedling                | -   | vr  | -   | -   |
| <i>Prunus spinosa</i> (Blackthorn), seedling             | -   | vr  | -   | -   |
| <i>Quercus robur</i> (Pedunculate Oak), seedling         | -   | vr  | vr  | -   |
| <i>Rosa canina</i> (Dog-rose)                            | vr  | -   | -   | -   |
| <i>Rubus fruticosus</i> agg. (Bramble)                   | la  | vr  | -   | -   |
| <i>Sambucus nigra</i> (Elder)                            | o   | -   | -   | -   |
| b) Herbs and ferns                                       |     |     |     |     |
| <i>Achillea millefolium</i> (Yarrow)                     | -   | r   | -   | -   |
| <i>Achillea ptarmica</i> (Sneezewort)                    | -   | vr  | -   | -   |
| <i>Agrimonia eupatoria</i> (Agrimony)                    | -   | vr  | -   | -   |
| <i>Agrostis capillaris</i> (Common Bent)                 | f   | -   | -   | -   |
| <i>Agrostis stolonifera</i> (Creeping Bent)              | lf  | r   | a   | f   |
| <i>Alliaria petiolata</i> (Garlic Mustard)               | -   | -   | vr  | -   |
| <i>Alopecurus geniculatus</i> (Marsh Foxtail)            | -   | -   | vr  | -   |
| <i>Alopecurus pratensis</i> (Meadow Foxtail)             | f   | f   | la  | f   |
| <i>Anisantha sterilis</i> (Barren Brome)                 | o   | -   | -   | -   |
| <i>Anthoxanthum odoratum</i> (Sweet Vernal-grass)        | -   | a   | -   | -   |
| <i>Angelica sylvestris</i> (Wild Angelica)               | -   | -   | -   | r   |
| <i>Anthriscus sylvestris</i> (Cow Parsley)               | o   | vr  | o   | r   |
| <i>Arrhenatherum elatius</i> (False Oat-grass)           | f   | -   | vla | o   |
| <i>Barbarea vulgaris</i> (Winter-cress)                  | -   | -   | -   | r   |
| <i>Brassica nigra</i> (Black Mustard)                    | -   | -   | -   | o   |
| <i>Bromus hordeaceus</i> (Soft-brome)                    | -   | r   | -   | o   |
| <i>Calystegia sepium</i> (Hedge Bindweed)                | r   | -   | -   | -   |
| <i>Cardamine pratensis</i> (Cuckooflower)                | -   | lf  | -   | -   |
| <i>Carex divulsa</i> ssp. <i>divulsa</i> (Grey Sedge)    | -   | r   | -   | -   |
| <i>Carex flacca</i> (Glaucous Sedge)                     | -   | o   | -   | -   |
| <i>Carex hirta</i> (Hairy Sedge)                         | lf  | -   | -   | -   |
| <i>Carex muricata</i> ssp. <i>pairae</i> (Prickly-sedge) | -   | r   | -   | -   |
| <i>Centaurea debeauxii</i> (Chalk Knapweed)              | -   | f   | -   | -   |
| <i>Cerastium fontanum</i> (Common Mouse-ear)             | r   | r   | -   | -   |
| <i>Cirsium arvense</i> (Creeping Thistle)                | a   | o   | a   | f   |
| <i>Cirsium vulgare</i> (Spear Thistle)                   | -   | -   | -   | -   |
| <i>Convolvulus arvensis</i> (Field Bindweed)             | -   | vr  | -   | -   |
| <i>Cynosurus cristatus</i> (Crested Dog's-tail)          | -   | -   | vr  | -   |
| <i>Dactylis glomerata</i> (Cock's-foot)                  | f   | o   | -   | -   |
| <i>Dactylorhiza fuchsii</i> (Common Spotted-orchid)      | -   | vr  | -   | -   |
| <i>Dipsacus fullonum</i> (Teasel)                        | -   | -   | -   | r   |
| <i>Elytrigia repens</i> (Common Couch)                   | a   | lf  | vld | d   |
| <i>Epilobium ciliatum</i> (American Willowherb)          | -   | -   | -   | -   |
| <i>Epilobium hirsutum</i> (Great Willowherb)             | vla | -   | -   | -   |
| <i>Epilobium</i> species (a Willowherb)                  | -   | -   | r   | -   |
| <i>Festuca rubra</i> (Red Fescue)                        | f   | lf  | -   | -   |
| <i>Filipendula ulmaria</i> (Meadowsweet)                 | vr  | -   | -   | -   |

|                                                            |    |    |    |    |
|------------------------------------------------------------|----|----|----|----|
| <i>Galeopsis tetrahit</i> (Common Hemp-nettle)             | -  | -  | -  | o  |
| <i>Galium aparine</i> (Cleavers)                           | -  | -  | f  | f  |
| <i>Geranium dissectum</i> (Cut-leaved Crane's-bill)        | r  | f  | o  | o  |
| <i>Glechoma hederacea</i> (Ground-ivy)                     | lf | -  | -  | -  |
| <i>Helminthotheca echinoides</i> (Bristly Oxtongue)        | -  | -  | -  | r  |
| <i>Heracleum sphondylium</i> (Hogweed)                     | o  | -  | r  | o  |
| <i>Holcus lanatus</i> (Yorkshire-fog)                      | a  | f  | d  | f  |
| <i>Juncus effusus</i> (Soft-rush)                          | -  | -  | -  | f  |
| <i>Juncus inflexus</i> (Hard Rush)                         | vr | -  | -  | f  |
| <i>Lathyrus pratensis</i> (Meadow Vetchling)               | -  | f  | -  | -  |
| <i>Leucanthemum vulgare</i> (Oxeye Daisy)                  | -  | vr | -  | -  |
| <i>Lolium perenne</i> (Perennial Rye-grass)                | -  | r  | -  | -  |
| <i>Lotus corniculatus</i> (Common Bird's-foot-trefoil)     | -  | lf | -  | -  |
| <i>Luzula campestris</i> (Field Wood-rush)                 | -  | lf | -  | -  |
| <i>Mentha aquatica</i> (Water Mint)                        | -  | -  | -  | r  |
| <i>Myosoton aquaticum</i> (Water Chickweed)                | -  | -  | -  | r  |
| <i>Oenanthe crocata</i> (Hemlock Water-dropwort)           | -  | -  | vr | o  |
| <i>Persicaria maculosa</i> (Redshank)                      | -  | -  | -  | o  |
| <i>Phalaris arundinacea</i> (Reed Canary-grass)            | -  | -  | r  | d  |
| <i>Phragmites australis</i> (Common Reed)                  | -  | -  | -  | r  |
| <i>Plantago lanceolata</i> (Ribwort Plantain)              | -  | o  | -  | -  |
| <i>Plantago major</i> (Greater Plantain)                   | -  | -  | -  | r  |
| <i>Poa pratensis</i> (Smooth Meadow-grass)                 | -  | r  | r  | -  |
| <i>Poa trivialis</i> (Rough Meadow-grass)                  | f  | o  | f  | f  |
| <i>Potentilla reptans</i> (Creeping Cinquefoil)            | r  | f  | -  | -  |
| <i>Pulicaria dysenterica</i> (Common Fleabane)             | -  | f  | -  | -  |
| <i>Ranunculus acris</i> (Meadow Buttercup)                 | -  | o  | -  | -  |
| <i>Ranunculus bulbosus</i> (Bulbous Buttercup)             | -  | r  | -  | -  |
| <i>Ranunculus repens</i> (Creeping Buttercup)              | -  | -  | la | o  |
| <i>Rumex acetosa</i> (Common Sorrel)                       | -  | f  | -  | -  |
| <i>Rumex conglomeratus</i> (Clustered Dock)                | -  | -  | f  | o  |
| <i>Rumex crispus</i> (Curled Dock)                         | -  | vr | -  | -  |
| <i>Rumex obtusifolius</i> (Broad-leaved Dock)              | r  | -  | f  | o  |
| <i>Rumex sanguineus</i> (Wood Dock)                        | -  | r  | -  | -  |
| <i>Schedonorus arundinaceus</i> (Tall Fescue)              | r  | o  | r  | -  |
| <i>Senecio erucifolius</i> (Hoary Ragwort)                 | -  | o  | -  | vr |
| <i>Silaum silaus</i> (Pepper-saxifrage)                    | -  | vr | -  | -  |
| <i>Sinapis arvensis</i> (Charlock)                         | -  | -  | -  | o  |
| <i>Solanum dulcamara</i> (Bittersweet)                     | -  | -  | r  | -  |
| <i>Sonchus asper</i> (Prickly Sow-thistle)                 | -  | -  | o  | vr |
| <i>Sonchus oleraceus</i> (Smooth Sow-thistle)              | -  | -  | -  | r  |
| <i>Stellaria graminea</i> (Lesser Stitchwort)              | r  | o  | -  | -  |
| <i>Taraxacum</i> sect. <i>Ruderalia</i> (Common Dandelion) | r  | r  | -  | r  |
| <i>Trifolium dubium</i> (Lesser Trefoil)                   | -  | r  | -  | -  |
| <i>Trifolium pratense</i> (Red Clover)                     | -  | vr | -  | -  |
| <i>Trifolium repens</i> (White Clover)                     | -  | vr | -  | -  |
| <i>Tripleurospermum inodorum</i> (Scentless Mayweed)       | -  | -  | -  | r  |
| <i>Urtica dioica</i> (Common Nettle)                       | a  | -  | f  | a  |
| <i>Vicia cracca</i> (Tufted Vetch)                         | -  | r  | -  | -  |
| <i>Vicia sativa</i> (Common Vetch)                         | -  | vr | -  | -  |
| <i>Vicia tetrasperma</i> (Smooth Tare)                     | -  | -  | -  | r  |

**Table 9.10.** Plant species recorded from unimproved and semi-improved calcareous grassland east of Lambleys Barn. *Column 1 – Target Note 66; column 2 – Target Note 67; column 3 – Target Note 69; column 4 – Target Note 70.* Species only recorded from field boundaries are marked with asterisks.

| Species                                                            | 66  | 67  | 69  | 70 |
|--------------------------------------------------------------------|-----|-----|-----|----|
| a) Trees, shrubs and climbers                                      |     |     |     |    |
| <i>Crataegus monogyna</i> (Hawthorn)                               | -   | -   | *lf | -  |
| <i>Crataegus monogyna</i> (Hawthorn), seedling                     | r   | o   | r   | r  |
| <i>Fraxinus excelsior</i> (Ash), seedling                          | -   | -   | o   | -  |
| <i>Hedera helix</i> (Ivy)                                          | -   | *r  | -   | -  |
| <i>Prunus spinosa</i> (Blackthorn), seedling                       | *r  | *o  | -   | -  |
| <i>Rubus fruticosus</i> agg. (Bramble)                             | r   | r   | r   | -  |
| <i>Sambucus nigra</i> (Elder)                                      | r   | -   | *o  | -  |
| b) Herbs and ferns                                                 |     |     |     |    |
| <i>Achillea millefolium</i> (Yarrow)                               | -   | -   | o   | r  |
| <i>Aethusa cynapium</i> (Fool's Parsley)                           | vr  | -   | -   | -  |
| <i>Agrostis capillaris</i> (Common Bent)                           | o   | o   | r   | -  |
| <i>Agrostis stolonifera</i> (Creeping Bent)                        | -   | -   | r   | -  |
| <i>Anacamptis pyramidalis</i> (Pyramidal Orchid)                   | -   | -   | r   | -  |
| <i>Anagallis arvensis</i> ssp. <i>arvensis</i> (Scarlet Pimpernel) | r   | r   | -   | -  |
| <i>Anisantha sterilis</i> (Barren Brome)                           | -   | -   | r   | -  |
| <i>Anthoxanthum odoratum</i> (Sweet Vernal-grass)                  | -   | -   | -   | r  |
| <i>Anthriscus sylvestris</i> (Cow Parsley)                         | -   | -   | r   | -  |
| <i>Aphanes arvensis</i> (Parsley-piert)                            | o   | o   | -   | -  |
| <i>Arenaria serpyllifolia</i> (Thyme-leaved Sandwort)              | r   | r   | -   | -  |
| <i>Asperula cynanchica</i> (Squinancywort)                         | -   | -   | r   | r  |
| <i>Bellis perennis</i> (Daisy)                                     | r   | r   | r   | o  |
| <i>Brachypodium sylvaticum</i> (False Brome)                       | *lf | *lf | r   | -  |
| <i>Briza media</i> (Quaking-grass)                                 | -   | -   | f   | f  |
| <i>Bromopsis erecta</i> (Upright Brome)                            | -   | -   | a   | a  |
| <i>Bromus</i> species (a Brome)                                    | -   | r   | -   | -  |
| <i>Carex caryophylla</i> (Spring-sedge)                            | -   | -   | r   | -  |
| <i>Carex flacca</i> (Glaucous Sedge)                               | -   | -   | f   | f  |
| <i>Centaurea debeauxii</i> (Chalk Knapweed)                        | -   | -   | f   | -  |
| <i>Cerastium fontanum</i> (Common Mouse-ear)                       | r   | -   | r   | -  |
| <i>Cerastium glomeratum</i> (Sticky Mouse-ear)                     | lf  | lf  | -   | -  |
| <i>Cirsium acaule</i> (Dwarf Thistle)                              | r   | o   | o   | o  |
| <i>Cirsium arvense</i> (Creeping Thistle)                          | lf  | lf  | r   | -  |
| <i>Cirsium vulgare</i> (Spear Thistle)                             | o   | o   | -   | -  |
| <i>Clematis vitalba</i> (Traveller's-joy)                          | r   | r   | -   | -  |
| <i>Convolvulus arvensis</i> (Field Bindweed)                       | -   | r   | r   | -  |
| <i>Crepis capillaris</i> (Smooth Hawk's-beard)                     | r   | o   | -   | -  |
| <i>Crepis vesicaria</i> (Beaked Hawk's-beard)                      | -   | r   | -   | -  |
| <i>Cruciata laevipes</i> (Crosswort)                               | o   | r   | -   | -  |
| <i>Cynoglossum officinale</i> (Hound's-tongue)                     | -   | r   | r   | -  |
| <i>Dactylis glomerata</i> (Cock's-foot)                            | f   | f   | o   | o  |
| <i>Echium vulgare</i> (Viper's-bugloss)                            | o   | r   | -   | -  |
| <i>Epilobium tetragonum</i> (Square-stalked Willowherb)            | r   | -   | -   | -  |
| <i>Euphorbia exigua</i> (Dwarf Spurge)                             | o   | r   | -   | -  |
| <i>Euphorbia helioscopia</i> (Sun Spurge)                          | r   | -   | -   | -  |

|                                                                    |    |    |    |   |
|--------------------------------------------------------------------|----|----|----|---|
| <i>Festuca ovina</i> (Sheep's-fescue)                              | f  | -  | o  | f |
| <i>Festuca rubra</i> (Red Fescue)                                  | a  | f  | a  | a |
| <i>Filipendula vulgaris</i> (Dropwort)                             | -  | -  | r  | - |
| <i>Fumaria officinalis</i> (Common Fumitory)                       | -  | -  | r  | - |
| <i>Galium aparine</i> (Cleavers)                                   | -  | -  | r  | - |
| <i>Galium mollugo</i> (Hedge Bedstraw)                             | r  | -  | o  | - |
| <i>Galium verum</i> (Lady's Bedstraw)                              | -  | r  | o  | o |
| <i>Geranium dissectum</i> (Cut-leaved Crane's-bill)                | r  | *r | r  | - |
| <i>Geranium molle</i> (Dove's-foot Crane's-bill)                   | o  | r  | -  | - |
| <i>Geum urbanum</i> (Wood Avens)                                   | -  | *r | -  | - |
| <i>Glechoma hederacea</i> (Ground-ivy)                             | *o | -  | r  | - |
| <i>Avenula pratensis</i> (Meadow Oat-grass)                        | -  | -  | r  | o |
| <i>Avenula pubescens</i> (Downy Oat-grass)                         | -  | -  | o  | o |
| <i>Hippocrepis comosa</i> (Horseshoe Vetch)                        | -  | -  | r  | r |
| <i>Holcus lanatus</i> (Yorkshire-fog)                              | -  | r  | r  | - |
| <i>Hypochaeris radicata</i> (Cat's-ear)                            | r  | -  | r  | - |
| <i>Knautia arvensis</i> (Field Scabious)                           | -  | r  | -  | - |
| <i>Koeleria macrantha</i> (Crested Hair-grass)                     | -  | -  | r  | - |
| <i>Legousia hybrida</i> (Venus's-looking-glass)                    | -  | vr | -  | - |
| <i>Leontodon hispidus</i> (Rough Hawkbit)                          | -  | -  | f  | f |
| <i>Leontodon saxatilis</i> (Lesser Hawkbit)                        | -  | vr | -  | - |
| <i>Linum catharticum</i> (Fairy Flax)                              | r  | -  | -  | r |
| <i>Linaria vulgaris</i> (Common Toadflax)                          | r  | r  | -  | - |
| <i>Lotus corniculatus</i> (Common Bird's-foot-trefoil)             | r  | r  | o  | o |
| <i>Lolium perenne</i> (Perennial Rye-grass)                        | o  | o  | -  | - |
| <i>Luzula campestris</i> (Field Wood-rush)                         | -  | -  | o  | o |
| <i>Medicago lupulina</i> (Black Medick)                            | o  | -  | o  | o |
| <i>Myosotis ramosissima</i> (Early Forget-me-not)                  | r  | r  | -  | - |
| <i>Ononis repens</i> (Common Restharrow)                           | -  | -  | r  | - |
| <i>Papaver argemone</i> (Prickly Poppy)                            | r  | r  | -  | - |
| <i>Phleum bertolonii</i> (Smaller Cat's-tail)                      | f  | o  | o  | o |
| <i>Phyteuma orbiculare</i> (Round-headed Rampion)                  | -  | -  | r  | - |
| <i>Pilosella officinarum</i> (Mouse-ear-hawkweed)                  | r  | -  | -  | o |
| <i>Pimpinella saxifraga</i> (Burnet-saxifrage)                     | -  | -  | o  | - |
| <i>Plantago lanceolata</i> (Ribwort Plantain)                      | r  | o  | f  | f |
| <i>Plantago major</i> (Greater Plantain)                           | r  | -  | -  | - |
| <i>Plantago media</i> (Hoary Plantain)                             | -  | -  | r  | - |
| <i>Poa annua</i> (Annual Meadow-grass)                             | r  | -  | r  | - |
| <i>Poa pratensis</i> (Smooth Meadow-grass)                         | f  | f  | o  | - |
| <i>Poa trivialis</i> (Rough Meadow-grass)                          | -  | -  | r  | - |
| <i>Polygala vulgaris</i> (Common Milkwort)                         | -  | -  | o  | f |
| <i>Polygonum aviculare</i> (Knotgrass)                             | -  | vr | -  | - |
| <i>Potentilla reptans</i> (Creeping Cinquefoil)                    | -  | lf | r  | - |
| <i>Poterium sanguisorba</i> ssp. <i>sanguisorba</i> (Salad Burnet) | -  | -  | f  | f |
| <i>Primula veris</i> (Cowslip)                                     | -  | -  | lf | - |
| <i>Prunella vulgaris</i> (Selfheal)                                | r  | r  | r  | - |
| <i>Pulicaria dysenterica</i> (Common Fleabane)                     | -  | r  | -  | - |
| <i>Ranunculus bulbosus</i> (Bulbous Buttercup)                     | r  | -  | f  | f |
| <i>Reseda lutea</i> (Wild Mignonette)                              | r  | r  | -  | - |
| <i>Rumex crispus</i> (Curled Dock)                                 | -  | vr | -  | - |
| <i>Scabiosa columbaria</i> (Small Scabious)                        | -  | -  | -  | r |
| <i>Schedonorus arundicaceus</i> (Tall Fescue)                      | -  | -  | o  | - |
| <i>Schedonorus pratensis</i> (Meadow Fescue)                       | o  | f  | -  | - |

|                                                            |    |    |    |   |
|------------------------------------------------------------|----|----|----|---|
| <i>Scorzoneroidea autumnalis</i> (Autumn Hawkbit)          | -  | o  | -  | - |
| <i>Senecio jacobaea</i> (Common Ragwort)                   | o  | lf | r  | - |
| <i>Sherardia arvensis</i> (Field Madder)                   | lf | lf | r  | - |
| <i>Silene latifolia</i> (White Campion)                    | r  | r  | -  | - |
| <i>Silene vulgaris</i> (Bladder Campion)                   | o  | o  | -  | - |
| <i>Sonchus asper</i> (Prickly Sow-thistle)                 | -  | r  | -  | - |
| <i>Sonchus oleraceus</i> (Smooth Sow-thistle)              | r  | r  | r  | - |
| <i>Taraxacum</i> sect. <i>Ruderalia</i> (Common Dandelion) | o  | o  | o  | o |
| <i>Thymus polytrichus</i> (Wild Thyme)                     | -  | -  | r  | o |
| <i>Trifolium campestre</i> (Hop Trefoil)                   | -  | o  | -  | - |
| <i>Trifolium dubium</i> (Lesser Trefoil)                   | o  | o  | -  | - |
| <i>Trifolium pratense</i> (Red Clover)                     | -  | o  | r  | o |
| <i>Trifolium repens</i> (White Clover)                     | -  | r  | r  | - |
| <i>Tripleurospermum inodorum</i> (Scentless Mayweed)       | o  | o  | -  | - |
| <i>Urtica dioica</i> (Common Nettle)                       | r  | -  | lf | - |
| <i>Veronica arvensis</i> (Wall Speedwell)                  | o  | o  | r  | - |
| <i>Veronica chamaedrys</i> (Germander Speedwell)           | lf | o  | f  | r |
| <i>Veronica officinalis</i> (Heath Speedwell)              | -  | -  | -  | r |
| <i>Veronica persica</i> (Common Field-speedwell)           | -  | r  | -  | - |
| <i>Veronica polita</i> (Grey Field-speedwell)              | o  | o  | r  | - |
| <i>Veronica serpyllifolia</i> (Thyme-leaved Speedwell)     | -  | r  | -  | - |
| <i>Vicia cracca</i> (Tufted Vetch)                         | -  | -  | o  | o |
| <i>Vicia tetrasperma</i> (Smooth Tare)                     | -  | -  | r  | - |
| <i>Viola tricolor</i> ssp. <i>tricolor</i> (Wild Pansy)    | r  | r  | -  | - |
| c) Bryophytes and lichens                                  |    |    |    |   |
| An acrocarpous moss                                        | o  | -  | -  | - |
| <i>Calliergon cuspidatum</i>                               | o  | o  | f  | f |
| <i>Fissidens</i> species                                   | -  | -  | -  | r |
| <i>Homalothecium lutescens</i>                             | o  | o  | o  | - |
| <i>Pseudoscleropodium purum</i>                            | -  | o  | lf | - |
| <i>Rhytidiadelphus squarrosus</i>                          | -  | -  | o  | o |

**Table 9.11.** Plant species recorded from ditches either side of the River Adur.  
**Column 1 – Target Note 94; Column 2 – Target Note 95; column 3 – Target Note 99/101; column 4 – Target Note 101a.**

| Species                                                         | 94 | 95 | 99/101 | 101a |
|-----------------------------------------------------------------|----|----|--------|------|
| a) Trees, shrubs and climbers                                   |    |    |        |      |
| <i>Clematis vitalba</i> (Traveller's-joy)                       | r  | r  | -      | r    |
| <i>Crataegus monogyna</i> (Hawthorn)                            | r  | -  | ld     | r    |
| <i>Fraxinus excelsior</i> (Ash)                                 | -  | -  | -      | r    |
| <i>Hedera helix</i> (Ivy)                                       | -  | -  | lf     | -    |
| <i>Prunus spinosa</i> (Blackthorn)                              | -  | -  | -      | r    |
| <i>Rosa canina</i> (Dog-rose)                                   | r  | -  | -      | o    |
| <i>Rosa canina</i> (Dog-rose), seedling                         | -  | vr | -      | -    |
| <i>Rubus fruticosus</i> agg. (Bramble)                          | lf | -  | o      | ld   |
| <i>Salix fragilis</i> (Crack-willow)                            | r  | -  | -      | -    |
| <i>Salix</i> cf. <i>fragilis</i> (Crack-willow), seedling       | -  | vr | -      | -    |
| <i>Sambucus nigra</i> (Elder)                                   | vr | -  | r      | -    |
| b) Herbs and ferns                                              |    |    |        |      |
| <i>Agrostis stolonifera</i> (Creeping Bent)                     | -  | -  | r      |      |
| <i>Alisma plantago-aquatica</i> (Water-plantain)                | r  | -  | -      | -    |
| <i>Anisantha sterilis</i> (Barren Brome)                        | -  | la | -      | -    |
| <i>Anthriscus sylvestris</i> (Cow Parsley)                      | -  | f  | -      | -    |
| <i>Apium nodiflorum</i> (Fool's Water-cress)                    | o  | o  | o      | ld   |
| <i>Arctium minus</i> agg. (Lesser Burdock)                      | -  | -  | r      | o    |
| <i>Arrhenatherum elatius</i> (False Oat-grass)                  | ld | ld | -      | ld   |
| <i>Arum maculatum</i> (Lords-and-Ladies)                        | vr | -  | -      | -    |
| <i>Calystegia sepium</i> (Hedge Bindweed)                       | f  | o  | f      | f    |
| <i>Calystegia silvatica</i> (Large Bindweed)                    | -  | -  | f      | -    |
| <i>Callitriche</i> species (a Water-starwort)                   | f  | -  | -      | -    |
| <i>Callitriche</i> cf. <i>stagnalis</i> (Common Water-starwort) | a  | ld | lf     | -    |
| <i>Cardamine flexuosa</i> (Wavy Bitter-cress)                   | -  | -  | r      | -    |
| <i>Carex</i> cf. <i>riparia</i> (Greater Pond-sedge)            | -  | -  | r      | -    |
| <i>Carex</i> cf. <i>vesicaria</i> (Bladder-sedge)               | -  | -  | r      | -    |
| <i>Cirsium arvense</i> (Creeping Thistle)                       | lf | o  | r      | o    |
| <i>Cirsium vulgare</i> (Spear Thistle)                          | r  | -  | -      | -    |
| <i>Dactylis glomerata</i> (Cock's-foot)                         | ld | lf | -      | -    |
| <i>Dipsacus fullonum</i> (Teasel)                               | -  | -  | r      | -    |
| <i>Elodea</i> cf. <i>canadensis</i> (Canadian Waterweed)        | -  | ld | -      | -    |
| <i>Elytrigia repens</i> (Common Couch)                          | o  | -  | -      | -    |
| <i>Epilobium hirsutum</i> (Great Willowherb)                    | lf | -  | r      | o    |
| <i>Equisetum arvense</i> (Field Horsetail)                      | la | la | -      | -    |
| <i>Equisetum palustre</i> (Marsh Horsetail)                     | la | r  | -      | -    |
| <i>Eupatorium cannabinum</i> (Hemp-agrimony)                    | r  | r  | -      | r    |
| <i>Festuca rubra</i> (Red Fescue)                               | -  | -  | r      | -    |
| <i>Galium aparine</i> (Cleavers)                                | -  | f  | r      | o    |
| <i>Geranium dissectum</i> (Cut-leaved Crane's-bill)             | r  | o  | -      | -    |
| <i>Gladiolus</i> cf. <i>communis</i> (Eastern Gladiolus)        | -  | -  | vr     | -    |
| <i>Glechoma hederacea</i> (Ground-ivy)                          | r  | -  | -      | -    |
| <i>Glyceria maxima</i> (Reed Sweet-grass)                       | d  | ld | -      | -    |
| <i>Helminthotheca echioides</i> (Bristly Oxtongue)              | r  | r  | -      | -    |
| <i>Heracleum sphondylium</i> (Hogweed)                          | f  | o  | r      | o    |
| <i>Holcus lanatus</i> (Yorkshire-fog)                           | r  | o  | -      | -    |

|                                                     |    |    |    |    |
|-----------------------------------------------------|----|----|----|----|
| <i>Lathyrus pratensis</i> (Meadow Vetchling)        | r  | r  | -  | -  |
| <i>Lemna minor</i> (Common Duckweed)                | la | ld | r  | ld |
| <i>Lemna trisulca</i> (Ivy-leaved Duckweed)         | -  | r  | -  | -  |
| <i>Lepidium draba</i> (Hoary Cress)                 | -  | lf | -  | -  |
| <i>Lycopus europaeus</i> (Gypsywort)                | -  | -  | o  | -  |
| <i>Mentha aquatica</i> (Water Mint)                 | o  | -  | -  | -  |
| <i>Nasturtium cf. officinale</i> (Water-cress)      | vr | r  | r  | -  |
| <i>Oenanthe crocata</i> (Hemlock Water-dropwort)    | -  | -  | lf | -  |
| <i>Persicaria amphibia</i> (Amphibious Bistort)     | o  | o  | -  | -  |
| <i>Phragmites australis</i> (Common Reed)           | -  | ld | d  | la |
| <i>Plantago lanceolata</i> (Ribwort Plantain)       | -  | -  | -  | r  |
| <i>Poa pratensis</i> (Smooth Meadow-grass)          | -  | -  | o  | -  |
| <i>Poa trivialis</i> (Rough Meadow-grass)           | f  | f  | r  | -  |
| <i>Potamogeton cf. pusillus</i> (Lesser Pondweed)   | la | -  | -  | -  |
| <i>Potentilla anserina</i> (Silverweed)             | -  | -  | -  | r  |
| <i>Potentilla reptans</i> (Creeping Cinquefoil)     | -  | r  | -  | -  |
| <i>Pulicaria dysenterica</i> (Common Fleabane)      | -  | -  | r  | -  |
| <i>Ranunculus repens</i> (Creeping Buttercup)       | lf | o  | -  | -  |
| <i>Rumex acetosa</i> (Common Sorrel)                | -  | r  | -  | -  |
| <i>Rumex conglomeratus</i> (Clustered Dock)         | o  | r  | -  | -  |
| <i>Rumex crispus</i> (Curled Dock)                  | -  | r  | -  | -  |
| <i>Rumex obtusifolius</i> (Broad-leaved Dock)       | o  | r  | -  | f  |
| <i>Rumex sanguineus</i> (Wood Dock)                 | o  | -  | -  | -  |
| <i>Schedonorus arundinaceus</i> (Tall Fescue)       | o  | lf | -  | f  |
| <i>Sinapis arvensis</i> (Charlock)                  | -  | r  | -  | r  |
| <i>Solanum dulcamara</i> (Bittersweet)              | o  | -  | -  | r  |
| <i>Sonchus asper</i> (Prickly Sow-thistle)          | -  | r  | -  | -  |
| <i>Sparganium erectum</i> (Branched Bur-reed)       | r  | -  | o  | -  |
| <i>Stachys sylvatica</i> (Hedge Woundwort)          | vr | -  | -  | -  |
| <i>Tamus communis</i> (Black Bryony)                | r  | -  | -  | -  |
| <i>Taraxacum sect. Ruderalia</i> (Common Dandelion) | -  | r  | -  | -  |
| <i>Urtica dioica</i> (Common Nettle)                | f  | a  | lf | f  |
| <i>Vicia cracca</i> (Tufted Vetch)                  | -  | r  | -  | -  |
| <i>Vicia sativa</i> (Common Vetch)                  | r  | o  | -  | -  |
| c) Algae                                            | la | lf | -  | -  |

**Table 9.12.** Plant species recorded from the River Adur and adjacent habitats.

*Column 1* – western river embankment at *Target Note 96*; *column 2* – saltmarsh on western bank at *Target Note 96 (2)*; *column 3* – saltmarsh on eastern bank at *Target Note 96 (3)*; *column 4* – eastern river embankment at *Target Note 97*; *column 5* – dismantled railway line at *Target Note 98*; *column 6* – damp grassland at *Target Note 100*.

| Species                                              | 96 | 96<br>(2) | 96<br>(3) | 97 | 98 | 100 |
|------------------------------------------------------|----|-----------|-----------|----|----|-----|
| a) Trees, shrubs and climbers                        |    |           |           |    |    |     |
| <i>Buddleja davidii</i> (Butterfly-bush)             | -  | -         | -         | -  | la | -   |
| <i>Cornus sanguinea</i> (Dogwood)                    | -  | -         | -         | -  | f  | -   |
| <i>Crataegus laevigata</i> (Midland Hawthorn)        | -  | -         | -         | -  | r  | -   |
| <i>Crataegus monogyna</i> (Hawthorn)                 | -  | -         | -         | r  | f  | -   |
| <i>Crataegus monogyna</i> (Hawthorn), seedling       | -  | -         | -         | o  | -  | -   |
| <i>Fraxinus excelsior</i> (Ash)                      | -  | -         | -         | -  | o  | -   |
| <i>Hedera helix</i> (Ivy)                            | -  | -         | -         | -  | la | -   |
| <i>Ligustrum vulgare</i> (Wild Privet)               | -  | -         | -         | r  | f  | -   |
| <i>Rosa canina</i> (Dog-rose)                        | -  | -         | -         | r  | o  | -   |
| <i>Rubus fruticosus</i> agg. (Bramble)               | r  | -         | -         | r  | o  | -   |
| <i>Salix caprea</i> (Goat Willow)                    | -  | -         | -         | -  | lf | -   |
| <i>Sambucus nigra</i> (Elder)                        | -  | -         | -         | -  | r  | -   |
| <i>Sambucus nigra</i> (Elder), seedling              | vr | -         | -         | -  | -  | -   |
| <i>Ulex europaeus</i> (Gorse)                        | -  | -         | -         | -  | r  | -   |
| <i>Viburnum lantana</i> (Wayfaring-tree)             | -  | -         | -         | -  | r  | -   |
| b) Herbs and ferns                                   |    |           |           |    |    |     |
| <i>Achillea millefolium</i> (Yarrow)                 | o  | -         | -         | r  | -  | -   |
| <i>Agrostis capillaris</i> (Common Bent)             | -  | -         | -         | -  | -  | o   |
| <i>Agrostis stolonifera</i> (Creeping Bent)          | -  | -         | -         | o  | o  | -   |
| <i>Alopecurus pratensis</i> (Meadow Foxtail)         | -  | -         | -         | r  | -  | lf  |
| <i>Anisantha sterilis</i> (Barren Brome)             | f  | -         | -         | r  | r  | o   |
| <i>Anthriscus sylvestris</i> (Cow Parsley)           | a  | -         | -         | lf | -  | r   |
| <i>Aphanes arvensis</i> (Parsley-piert)              | -  | -         | -         | -  | r  | -   |
| <i>Arctium minus</i> (Lesser Burdock)                | -  | -         | -         | r  | -  | -   |
| <i>Arrhenatherum elatius</i> (False Oat-grass)       | d  | -         | -         | lf | f  | f   |
| <i>Artemisia maritima</i> (Sea Wormwood)             | -  | lf        | r         | r  | -  | -   |
| <i>Arum maculatum</i> (Lords-and-Ladies)             | -  | -         | -         | -  | r  | -   |
| <i>Aster tripolium</i> (Sea Aster)                   | -  | la        | o         | -  | -  | -   |
| <i>Atriplex portulacoides</i> (Sea-purslane)         | -  | ld        | ld        | -  | -  | -   |
| <i>Atriplex prostrata</i> (Spear-leaved Orache)      | -  | r         | -         | -  | -  | -   |
| <i>Beta vulgaris</i> ssp. <i>maritima</i> (Sea Beet) | o  | -         | o         | o  | -  | -   |
| <i>Brachypodium sylvaticum</i> (False Brome)         | -  | -         | -         | -  | r  | -   |
| <i>Bromus hordeaceus</i> (Soft-brome)                | r  | -         | -         | o  | -  | o   |
| <i>Bryonia dioica</i> (White Bryony)                 | -  | -         | -         | -  | r  | -   |
| <i>Calystegia sepium</i> (Hedge Bindweed)            | -  | -         | -         | -  | -  | o   |
| <i>Carex disticha</i> (Brown Sedge)                  | -  | -         | -         | -  | -  | r   |
| <i>Carex hirta</i> (Hairy Sedge)                     | -  | -         | -         | -  | r  | f   |
| <i>Carex leporina</i> (Oval Sedge)                   | -  | -         | -         | f  | -  | r   |
| <i>Centaurea debeauxii</i> (Chalk Knapweed)          | -  | -         | -         | -  | lf | -   |
| <i>Centaurea scabiosa</i> (Greater Knapweed)         | -  | -         | -         | -  | r  | -   |
| <i>Cerastium fontanum</i> (Common Mouse-ear)         | r  | -         | -         | r  | -  | o   |

|                                                         |     |    |    |    |     |    |
|---------------------------------------------------------|-----|----|----|----|-----|----|
| <i>Chamerion angustifolium</i> (Rosebay Willowherb)     | -   | -  | -  | -  | vlf | -  |
| <i>Cirsium arvense</i> (Creeping Thistle)               | o   | -  | -  | f  | o   | f  |
| <i>Clematis vitalba</i> (Traveller's-joy)               | -   | -  | -  | -  | o   | r  |
| <i>Convolvulus arvensis</i> (Field Bindweed)            | f   | -  | -  | -  | -   | o  |
| <i>Dactylis glomerata</i> (Cock's-foot)                 | f   | -  | -  | o  | r   | f  |
| <i>Dactylorhiza fuchsii</i> (Common Spotted-orchid)     | -   | -  | -  | -  | r   | -  |
| <i>Dipsacus fullonum</i> (Teasel)                       | -   | -  | -  | -  | r   | -  |
| <i>Echium vulgare</i> (Viper's-bugloss)                 | -   | -  | -  | -  | o   | -  |
| <i>Elytrigia atherica</i> (Sea Couch)                   | la  | lf | ld | f  | -   | -  |
| <i>Elytrigia repens</i> (Common Couch)                  | o   | lf | -  | -  | -   | -  |
| <i>Epilobium hirsutum</i> (Great Willowherb)            | -   | -  | -  | -  | r   | -  |
| <i>Equisetum arvense</i> (Field Horsetail)              | -   | -  | -  | -  | r   | r  |
| <i>Eupatorium cannabinum</i> (Hemp-agrimony)            | -   | -  | -  | -  | vlf | -  |
| <i>Fallopia japonica</i> (Japanese Knotweed)            | vlf | -  | -  | -  | -   | -  |
| <i>Festuca rubra</i> (Red Fescue)                       | -   | ld | ld | f  | o   | f  |
| <i>Galium aparine</i> (Cleavers)                        | ld  | -  | -  | r  | -   | -  |
| <i>Galium mollugo</i> (Hedge Bedstraw)                  | -   | -  | -  | -  | r   | -  |
| <i>Galium verum</i> (Lady's Bedstraw)                   | -   | -  | -  | -  | r   | -  |
| <i>Geranium dissectum</i> (Cut-leaved Crane's-bill)     | o   | -  | -  | r  | r   | f  |
| <i>Geranium molle</i> (Dove's-foot Crane's-bill)        | -   | -  | -  | -  | r   | -  |
| <i>Geranium pyrenaicum</i> (Hedgerow Crane's-bill)      | r   | -  | -  | -  | -   | -  |
| <i>Geranium robertianum</i> (Herb-Robert)               | -   | -  | -  | -  | r   | -  |
| <i>Glaux maritima</i> (Sea-milkwort)                    | -   | -  | -  | r  | -   | -  |
| <i>Glechoma hederacea</i> (Ground-ivy)                  | r   | -  | -  | -  | o   | lf |
| <i>Helminthotheca echioides</i> (Bristly Oxtongue)      | r   | -  | -  | r  | -   | -  |
| <i>Heracleum sphondylium</i> (Hogweed)                  | f   | -  | -  | f  | o   | r  |
| <i>Holcus lanatus</i> (Yorkshire-fog)                   | -   | -  | -  | -  | o   | r  |
| <i>Hordeum murinum</i> (Wall Barley)                    | r   | -  | -  | -  | -   | -  |
| <i>Juncus inflexus</i> (Hard Rush)                      | -   | -  | -  | -  | r   | r  |
| <i>Lathyrus pratensis</i> (Meadow Vetchling)            | o   | -  | -  | lf | -   | r  |
| <i>Leucanthemum vulgare</i> (Oxeye Daisy)               | -   | -  | -  | -  | f   | -  |
| <i>Linaria vulgaris</i> (Common Toadflax)               | -   | -  | -  | -  | r   | -  |
| <i>Lolium perenne</i> (Perennial Rye-grass)             | lf  | -  | -  | o  | -   | -  |
| <i>Lotus corniculatus</i> (Common Bird's-foot-trefoil)  | -   | -  | -  | lf | lf  | -  |
| <i>Lotus pedunculatus</i> (Greater Bird's-foot-trefoil) | -   | -  | -  | -  | vlf | -  |
| <i>Matricaria discoidea</i> (Pineappleweed)             | -   | -  | -  | r  | -   | -  |
| <i>Medicago arabica</i> (Spotted Medick)                | -   | -  | -  | r  | o   | -  |
| <i>Medicago lupulina</i> (Black Medick)                 | -   | -  | -  | -  | o   | -  |
| <i>Medicago sativa</i> ssp. <i>sativa</i> (Lucerne)     | -   | -  | -  | -  | vlf | -  |
| <i>Myosotis arvensis</i> (Field Forget-me-not)          | -   | -  | -  | -  | r   | -  |
| <i>Narcissus</i> species (a Daffodil)                   | vr  | -  | -  | -  | -   | -  |
| <i>Odontites vernus</i> (Red Bartsia)                   | -   | -  | -  | -  | r   | -  |
| <i>Oenanthe crocata</i> (Hemlock Water-dropwort)        | -   | -  | -  | r  | -   | -  |
| <i>Origanum vulgare</i> (Wild Marjoram)                 | -   | -  | -  | -  | o   | -  |
| <i>Parapholis strigosa</i> (Hard-grass)                 | -   | r  | -  | -  | -   | -  |
| <i>Phragmites australis</i> (Common Reed)               | -   | -  | -  | -  | -   | o  |
| <i>Pilosella officinarum</i> (Mouse-ear-hawkweed)       | -   | -  | -  | -  | r   | -  |
| <i>Plantago lanceolata</i> (Ribwort Plantain)           | o   | -  | -  | lf | o   | -  |
| <i>Plantago major</i> (Greater Plantain)                | -   | -  | -  | o  | o   | -  |
| <i>Plantago maritima</i> (Sea Plantain)                 | -   | f  | o  | r  | -   | -  |
| <i>Poa pratensis</i> (Smooth Meadow-grass)              | f   | -  | -  | o  | o   | f  |
| <i>Poa trivialis</i> (Rough Meadow-grass)               | -   | -  | -  | o  | f   | f  |
| <i>Potentilla reptans</i> (Creeping Cinquefoil)         | r   | -  | -  | r  | o   | -  |

|                                                            |   |    |    |    |     |    |
|------------------------------------------------------------|---|----|----|----|-----|----|
| <i>Primula veris</i> (Cowslip)                             | - | -  | -  | -  | vr  | -  |
| <i>Puccinellia maritima</i> (Common Saltmarsh-grass)       | - | ld | ld | -  | -   | -  |
| <i>Pulicaria dysenterica</i> (Common Fleabane)             | - | -  | -  | -  | r   | -  |
| <i>Ranunculus acris</i> (Meadow Buttercup)                 | - | -  | -  | -  | -   | o  |
| <i>Ranunculus bulbosus</i> (Bulbous Buttercup)             | - | -  | -  | o  | -   | -  |
| <i>Ranunculus repens</i> (Creeping Buttercup)              | o | -  | -  | la | -   | lf |
| <i>Rhinanthus minor</i> (Yellow-rattle)                    | - | -  | -  | r  | r   | -  |
| <i>Rumex acetosa</i> (Common Sorrel)                       | - | -  | -  | -  | -   | f  |
| <i>Rumex crispus</i> (Curled Dock)                         | o | -  | -  | r  | -   | r  |
| <i>Rumex obtusifolius</i> (Broad-leaved Dock)              | o | -  | -  | -  | r   | o  |
| <i>Rumex sanguineus</i> (Wood Dock)                        | - | -  | -  | -  | o   | o  |
| <i>Schedonorus arundicaceus</i> (Tall Fescue)              | f | -  | -  | o  | -   | a  |
| <i>Senecio erucifolius</i> (Hoary Ragwort)                 | - | -  | -  | r  | -   | -  |
| <i>Senecio jacobaea</i> (Common Ragwort)                   | - | -  | -  | r  | -   | -  |
| <i>Sherardia arvensis</i> (Field Madder)                   | - | -  | -  | -  | r   | -  |
| <i>Silene vulgaris</i> (Bladder Campion)                   | - | -  | -  | r  | r   | -  |
| <i>Sonchus asper</i> (Prickly Sow-thistle)                 | - | -  | -  | r  | r   | -  |
| <i>Sonchus oleraceus</i> (Smooth Sow-thistle)              | - | -  | -  | r  | -   | r  |
| <i>Spergularia media</i> (Greater Sea-spurrey)             | - | r  | -  | -  | -   | -  |
| <i>Stachys sylvatica</i> (Hedge Woundwort)                 | - | -  | -  | -  | r   | -  |
| <i>Suaeda maritima</i> (Annual Sea-blite)                  | - | f  | r  | -  | -   | -  |
| <i>Succisa pratensis</i> (Devil's-bit Scabious)            | - | -  | -  | -  | r   | -  |
| <i>Tamus communis</i> (Black Bryony)                       | - | -  | -  | -  | r   | -  |
| <i>Taraxacum</i> sect. <i>Ruderalia</i> (Common Dandelion) | o | -  | -  | o  | o   | -  |
| <i>Tragopogon pratensis</i> (Goat's-beard)                 | r | -  | -  | r  | r   | -  |
| <i>Trifolium dubium</i> (Lesser Trefoil)                   | - | -  | -  | -  | r   | -  |
| <i>Trifolium pratense</i> (Red Clover)                     | - | -  | -  | -  | o   | -  |
| <i>Trifolium repens</i> (White Clover)                     | r | -  | -  | lf | o   | -  |
| <i>Tripleurospermum inodorum</i> (Scentless Mayweed)       | - | -  | -  | r  | -   | -  |
| <i>Tripleurospermum maritimum</i> (Sea Mayweed)            | - | r  | -  | -  | -   | -  |
| <i>Tripleurospermum maritimum</i> (Sea Mayweed)            | - | -  | -  | r  | -   | -  |
| <i>Tussilago farfara</i> (Colt's-foot)                     | r | -  | -  | r  | r   | -  |
| <i>Urtica dioica</i> (Common Nettle)                       | - | -  | -  | r  | o   | lf |
| <i>Veronica chamaedrys</i> (Germander Speedwell)           | - | -  | -  | -  | o   | o  |
| <i>Vicia cracca</i> (Tufted Vetch)                         | r | -  | -  | r  | -   | o  |
| <i>Vicia faba</i> (Broad Bean)                             | r | -  | -  | -  | -   | -  |
| <i>Vicia sativa</i> (Common Vetch)                         | r | -  | -  | -  | r   | -  |
| <i>Vicia sativa</i> ssp. <i>nigra</i> (Common Vetch)       | - | -  | -  | o  | -   | -  |
| <i>Vicia tetrasperma</i> (Smooth Tare)                     | - | -  | -  | -  | r   | -  |
| c) Bryophytes and lichens                                  |   |    |    |    |     |    |
| <i>Brachythecium rutabulum</i>                             | - | -  | -  | -  | o   | -  |
| <i>Homalothecium sericeum</i>                              | - | -  | -  | -  | vlf | -  |
| <i>Kindbergia praelonga</i>                                | - | -  | -  | -  | o   | -  |

*Table 9.13. Species recorded from Old Erringham Farm Valley SNCI. Column 1 – damp grassland and trackside ruderal vegetation at Target Note 103 (species marked with asterisks mainly recorded from trackside ruderal vegetation); Column 2 – scrub and pond at Target Note 104/105; column 3 – calcareous grassland at Target Note 106; column 4 – slightly calcicolous grassland at Target Note 107 (species marked with daggers mainly recorded in eutrophic grassland on the lower slopes).*

| Species                                               | 103 | 104/105 | 106 | 107 |
|-------------------------------------------------------|-----|---------|-----|-----|
| a) Trees, shrubs and climbers                         |     |         |     |     |
| <i>Aesculus hippocastanum</i> (Horse-chestnut)        | -   | r       | -   | r   |
| <i>Crataegus monogyna</i> (Hawthorn)                  | -   | f       | o   | -   |
| <i>Crataegus monogyna</i> (Hawthorn), seedling        | -   | -       | r   | -   |
| <i>Fraxinus excelsior</i> (Ash)                       | -   | f       | r   | -   |
| <i>Hedera helix</i> (Ivy)                             | -   | a       | r   | -   |
| <i>Ligustrum vulgare</i> (Wild Privet)                | -   | -       | o   | -   |
| <i>Ligustrum vulgare</i> (Wild Privet), seedling      | -   | r       | -   | -   |
| <i>Prunus spinosa</i> (Blackthorn)                    | -   | o       | o   | -   |
| <i>Rosa canina</i> (Dog-rose)                         | -   | -       | o   | -   |
| <i>Rubus fruticosus</i> agg. (Bramble)                | *r  | f       | o   | r   |
| <i>Salix fragilis</i> (Crack-willow)                  | -   | r       | -   | -   |
| <i>Sambucus nigra</i> (Elder)                         | -   | o       | -   | r   |
| <i>Ulmus procera</i> (English Elm)                    | -   | o       | -   | -   |
| b) Herbs and ferns                                    |     |         |     |     |
| <i>Achillea millefolium</i> (Yarrow)                  | *r  | -       | r   | o   |
| <i>Agrimonia eupatoria</i> (Agrimony)                 | -   | -       | r   | r   |
| <i>Agrostis capillaris</i> (Common Bent)              | f   | -       | -   | o   |
| <i>Agrostis stolonifera</i> (Creeping Bent)           | f   | -       | r   | o   |
| <i>Alliaria petiolata</i> (Garlic Mustard)            | -   | o       | -   | -   |
| <i>Anthoxanthum odoratum</i> (Sweet Vernal-grass)     | -   | -       | r   | -   |
| <i>Anthriscus sylvestris</i> (Cow Parsley)            | -   | -       | -   | r   |
| <i>Anthyllis vulneraria</i> (Kidney Vetch)            | -   | -       | o   | -   |
| <i>Aphanes arvensis</i> (Parsley-piert)               | *r  | -       | -   | -   |
| <i>Arctium minus</i> agg. (Lesser Burdock)            | *r  | -       | -   | r   |
| <i>Arenaria serpyllifolia</i> (Thyme-leaved Sandwort) | *r  | -       | -   | -   |
| <i>Arrhenatherum elatius</i> (False Oat-grass)        | -   | -       | -   | r   |
| <i>Artemisia vulgaris</i> (Mugwort)                   | -   | -       | -   | †r  |
| <i>Arum maculatum</i> (Lords-and-Ladies)              | -   | o       | r   | -   |
| <i>Asplenium scolopendrium</i> (Hart's-tongue)        | -   | r       | -   | -   |
| <i>Avenula pratensis</i> (Meadow Oat-grass)           | -   | -       | o   | -   |
| <i>Avenula pubescens</i> (Downy Oat-grass)            | -   | -       | o   | o   |
| <i>Ballota nigra</i> (Black Horehound)                | -   | -       | -   | r   |
| <i>Bellis perennis</i> (Daisy)                        | -   | -       | r   | -   |
| <i>Betonica officinalis</i> (Betony)                  | -   | -       | o   | -   |
| <i>Brachypodium pinnatum</i> (Tor-grass)              | -   | -       | la  | -   |
| <i>Brachypodium sylvaticum</i> (False Brome)          | -   | -       | -   | r   |
| <i>Briza media</i> (Quaking-grass)                    | -   | -       | o   | o   |
| <i>Bromopsis erecta</i> (Upright Brome)               | -   | -       | f   | r   |
| <i>Bromus hordeaceus</i> (Soft-brome)                 | *r  | -       | -   | -   |
| <i>Bryonia dioica</i> (White Bryony)                  | -   | -       | -   | r   |
| <i>Capsella bursa-pastoris</i> (Shepherd's-purse)     | *r  | -       | -   | -   |
| <i>Cardamine pratensis</i> (Cuckooflower)             | r   | -       | -   | -   |

|                                                        |     |    |    |    |
|--------------------------------------------------------|-----|----|----|----|
| <i>Carduus crispus</i> (Welted Thistle)                | *o  | -  | -  | -  |
| <i>Carex caryophylla</i> (Spring-sedge)                | -   | -  | o  | -  |
| <i>Carex flacca</i> (Glaucous Sedge)                   | -   | -  | f  | o  |
| <i>Carex hirta</i> (Hairy Sedge)                       | f   | -  | -  | -  |
| <i>Carex cf. otrubae</i> (False Fox-sedge)             | -   | r  | -  | -  |
| <i>Carlina vulgaris</i> (Carlina Thistle)              | -   | -  | r  | -  |
| <i>Centaurea calcitrapa</i> (Red Star-thistle)         | *f  | -  | -  | -  |
| <i>Centaurea debeauxii</i> (Chalk Knapweed)            | *r  | -  | f  | f  |
| <i>Centaurea scabiosa</i> (Greater Knapweed)           | -   | -  | r  | -  |
| <i>Cerastium fontanum</i> (Common Mouse-ear)           | r   | -  | r  | r  |
| <i>Cerastium glomeratum</i> (Sticky Mouse-ear)         | *r  | -  | r  | -  |
| <i>Cirsium acaule</i> (Dwarf Thistle)                  | -   | -  | o  | -  |
| <i>Cirsium arvense</i> (Creeping Thistle)              | f   | lf | -  | lf |
| <i>Cirsium vulgare</i> (Spear Thistle)                 | *r  | r  | -  | -  |
| <i>Clematis vitalba</i> (Traveller's-joy)              | -   | o  | -  | -  |
| <i>Convolvulus arvensis</i> (Field Bindweed)           | -   | -  | -  | o  |
| <i>Dactylis glomerata</i> (Cock's-foot)                | -   | -  | o  | -  |
| <i>Daucus carota</i> ssp. <i>carota</i> (Wild Carrot)  | -   | -  | o  | o  |
| <i>Dipsacus fullonum</i> (Teasel)                      | *lf | -  | -  | †r |
| <i>Dryopteris filix-mas</i> (Male-fern)                | -   | r  | -  | -  |
| <i>Echium vulgare</i> (Viper's-bugloss)                | *lf | -  | -  | -  |
| <i>Epilobium hirsutum</i> (Great Willowherb)           | -   | r  | -  | -  |
| <i>Eupatorium cannabinum</i> (Hemp-agrimony)           | -   | lf | -  | -  |
| <i>Euphrasia</i> species (an Eyebright)                | -   | -  | r  | -  |
| <i>Festuca ovina</i> (Sheep's-fescue)                  | -   | -  | f  | -  |
| <i>Festuca rubra</i> (Red Fescue)                      | f   | -  | -  | a  |
| <i>Ficaria verna</i> (Lesser Celandine)                | r   | -  | -  | -  |
| <i>Filipendula vulgaris</i> (Dropwort)                 | -   | -  | lf | -  |
| <i>Galium aparine</i> (Cleavers)                       | -   | f  | -  | -  |
| <i>Galium mollugo</i> (Hedge Bedstraw)                 | -   | -  | vr | -  |
| <i>Galium verum</i> (Lady's Bedstraw)                  | -   | -  | r  | o  |
| <i>Geranium dissectum</i> (Cut-leaved Crane's-bill)    | *r  | -  | -  | r  |
| <i>Geranium molle</i> (Dove's-foot Crane's-bill)       | *r  | -  | -  | -  |
| <i>Geranium robertianum</i> (Herb-Robert)              | -   | o  | -  | -  |
| <i>Geum urbanum</i> (Wood Avens)                       | -   | o  | -  | †r |
| <i>Glechoma hederacea</i> (Ground-ivy)                 | *r  | o  | r  | r  |
| <i>Glyceria fluitans</i> (Floating Sweet-grass)        | vld | -  | -  | -  |
| <i>Glyceria maxima</i> (Reed Sweet-grass)              | -   | ld | -  | -  |
| <i>Helianthemum nummularium</i> (Common Rock-rose)     | -   | -  | la | -  |
| <i>Helminthotheca echinoides</i> (Bristly Oxtongue)    | r   | -  | -  | -  |
| <i>Heracleum sphondylium</i> (Hogweed)                 | -   | r  | -  | r  |
| <i>Hippocrepis comosa</i> (Horseshoe Vetch)            | -   | -  | r  | -  |
| <i>Holcus lanatus</i> (Yorkshire-fog)                  | a   | -  | -  | r  |
| <i>Hypericum perforatum</i> (Perforate St John's-wort) | -   | -  | r  | -  |
| <i>Hypochaeris radicata</i> (Cat's-ear)                | -   | -  | vr | -  |
| <i>Juncus inflexus</i> (Hard Rush)                     | -   | r  | -  | -  |
| <i>Koeleria macrantha</i> (Crested Hair-grass)         | -   | -  | r  | -  |
| <i>Leontodon hispidus</i> (Rough Hawkbit)              | -   | -  | f  | o  |
| <i>Lepidium didymum</i> (Lesser Swine-cress)           | *f  | -  | -  | -  |
| <i>Leucanthemum vulgare</i> (Oxeye Daisy)              | -   | -  | r  | -  |
| <i>Linum catharticum</i> (Fairy Flax)                  | -   | -  | f  | -  |
| <i>Lolium perenne</i> (Perennial Rye-grass)            | o   | -  | -  | r  |
| <i>Lotus corniculatus</i> (Common Bird's-foot-trefoil) | -   | -  | lf | f  |

|                                                                    |     |    |     |     |
|--------------------------------------------------------------------|-----|----|-----|-----|
| <i>Luzula campestris</i> (Field Wood-rush)                         | -   | -  | o   | -   |
| <i>Lycopus europaeus</i> (Gypsywort)                               | -   | lf | -   | -   |
| <i>Malva sylvestris</i> (Common Mallow)                            | r   | -  | -   | r   |
| <i>Mentha aquatica</i> (Water Mint)                                | -   | lf | -   | -   |
| <i>Myosotis arvensis</i> (Field Forget-me-not)                     | *r  | r  | -   | -   |
| <i>Myosotis ramosissima</i> (Early Forget-me-not)                  | -   | -  | r   | -   |
| <i>Ononis repens</i> (Common Restharrow)                           | -   | -  | lf  | -   |
| <i>Orobanche</i> species (a Broomrape)                             | -   | -  | vr  | -   |
| <i>Phleum pratense</i> (Timothy)                                   | r   | -  | -   | -   |
| <i>Pimpinella saxifraga</i> (Burnet-saxifrage)                     | -   | -  | r   | r   |
| <i>Pilosella officinarum</i> (Mouse-ear-hawkweed)                  | -   | -  | lf  | -   |
| <i>Plantago lanceolata</i> (Ribwort Plantain)                      | r   | -  | f   | f   |
| <i>Plantago media</i> (Hoary Plantain)                             | -   | -  | r   | -   |
| <i>Poa annua</i> (Annual Meadow-grass)                             | r   | -  | -   | -   |
| <i>Poa pratensis</i> (Smooth Meadow-grass)                         | -   | -  | r   | o   |
| <i>Poa trivialis</i> (Rough Meadow-grass)                          | a   | la | -   | o   |
| <i>Polygala vulgaris</i> (Common Milkwort)                         | -   | -  | o   | -   |
| <i>Polygonum aviculare</i> (Knotgrass)                             | *r  | -  | -   | -   |
| <i>Potentilla anserina</i> (Silverweed)                            | f   | -  | r   | -   |
| <i>Potentilla reptans</i> (Creeping Cinquefoil)                    | o   | -  | r   | o   |
| <i>Poterium sanguisorba</i> ssp. <i>sanguisorba</i> (Salad Burnet) | -   | -  | f   | r   |
| <i>Primula veris</i> (Cowslip)                                     | -   | -  | r   | r   |
| <i>Pulicaria dysenterica</i> (Common Fleabane)                     | lf  | -  | -   | -   |
| <i>Ranunculus acris</i> (Meadow Buttercup)                         | r   | -  | -   | r   |
| <i>Ranunculus bulbosus</i> (Bulbous Buttercup)                     | -   | -  | -   | o   |
| <i>Ranunculus repens</i> (Creeping Buttercup)                      | o   | o  | -   | -   |
| <i>Reseda lutea</i> (Wild Mignonette)                              | -   | -  | r   | †r  |
| <i>Rumex acetosa</i> (Common Sorrel)                               | -   | -  | r   | -   |
| <i>Rumex acetosella</i> (Sheep's Sorrel)                           | -   | -  | -   | f   |
| <i>Rumex crispus</i> (Curled Dock)                                 | o   | -  | -   | -   |
| <i>Rumex obtusifolius</i> (Broad-leaved Dock)                      | *lf | -  | -   | r   |
| <i>Rumex pulcher</i> (Fiddle Dock)                                 | -   | -  | -   | †r  |
| <i>Rumex sanguineus</i> (Wood Dock)                                | -   | f  | -   | †lf |
| <i>Scabiosa columbaria</i> (Small Scabious)                        | -   | -  | o   | -   |
| <i>Schedonorus arundinaceus</i> (Tall Fescue)                      | o   | -  | -   | o   |
| <i>Schedonorus pratensis</i> (Meadow Fescue)                       | o   | -  | -   | o   |
| <i>Senecio erucifolius</i> (Hoary Ragwort)                         | o   | -  | -   | †r  |
| <i>Senecio jacobaea</i> (Common Ragwort)                           | o   | -  | r   | r   |
| <i>Silybum marianum</i> (Milk Thistle)                             | *r  | -  | -   | -   |
| <i>Solanum dulcamara</i> (Bittersweet)                             | -   | lf | -   | †r  |
| <i>Sonchus asper</i> (Prickly Sow-thistle)                         | *r  | -  | -   | -   |
| <i>Stachys sylvatica</i> (Hedge Woundwort)                         | -   | r  | -   | -   |
| <i>Succisa pratensis</i> (Devil's-bit Scabious)                    | -   | -  | lf  | -   |
| <i>Tamus communis</i> (Black Bryony)                               | -   | r  | -   | -   |
| <i>Taraxacum</i> sect. <i>Ruderalia</i> (Common Dandelion)         | f   | -  | r   | r   |
| <i>Thesium humifusum</i> (Bastard-toadflax)                        | -   | -  | r   | -   |
| <i>Thymus polytrichus</i> (Wild Thyme)                             | -   | -  | vlf | -   |
| <i>Trifolium pratense</i> (Red Clover)                             | o   | -  | o   | †f  |
| <i>Trifolium repens</i> (White Clover)                             | o   | -  | -   | f   |
| <i>Tripleurospermum inodorum</i> (Scentless Mayweed)               | *lf | -  | -   | -   |
| <i>Urtica dioica</i> (Common Nettle)                               | *r  | a  | -   | †f  |
| <i>Veronica arvensis</i> (Wall Speedwell)                          | -   | -  | r   | -   |
| <i>Veronica chamaedrys</i> (Germander Speedwell)                   | -   | -  | r   | o   |

|                                                          |    |    |    |   |
|----------------------------------------------------------|----|----|----|---|
| <i>Veronica</i> cf. <i>officinalis</i> (Heath Speedwell) | *r | -  | -  | - |
| <i>Veronica persica</i> (Common Field-speedwell)         | *r | -  | -  | - |
| <i>Viola hirta</i> (Hairy Violet)                        | -  | lf | o  | - |
| c) Bryophytes and lichens                                |    |    |    |   |
| <i>Brachythecium rutabulum</i>                           | -  | f  | -  | r |
| <i>Cryphaea heteromalla</i>                              | -  | o  | -  | - |
| <i>Fissidens</i> species                                 | -  | r  | -  | - |
| <i>Frullania dilatata</i>                                | -  | f  | -  | - |
| <i>Homalothecium lutescens</i>                           | -  | -  | lf | - |
| <i>Homalothecium sericeum</i>                            | -  | r  | -  | - |
| <i>Hypnum cupressiforme</i>                              | -  | o  | -  | - |
| <i>Hypnum</i> cf. <i>resupinatum</i>                     | -  | r  | -  | - |
| <i>Kindbergia praelonga</i>                              | -  | f  | -  | - |
| <i>Lecanora</i> species                                  | -  | r  | -  | - |
| <i>Lecidella elaeochroma</i>                             | -  | o  | -  | - |
| <i>Lepraria incana</i>                                   | -  | r  | -  | - |
| <i>Melanixia</i> species                                 | -  | r  | -  | - |
| <i>Metzgeria furcata</i>                                 | -  | lf | -  | - |
| <i>Microlejeunea ulicina</i>                             | -  | lf | -  | - |
| <i>Neckera complanata</i>                                | -  | r  | -  | - |
| <i>Orthotrichum affine</i>                               | -  | o  | -  | - |
| <i>Parmelia sulcata</i>                                  | -  | r  | -  | - |
| <i>Physcia adscendens</i>                                | -  | o  | -  | - |
| <i>Physcia tenella</i>                                   | -  | o  | -  | - |
| <i>Plagiomnium undulatum</i>                             | -  | r  | -  | - |
| <i>Pseudotaxiphyllum elegans</i>                         | -  | r  | -  | - |
| <i>Pseudoscleropodium purum</i>                          | -  | -  | r  | - |
| <i>Radula complanata</i>                                 | -  | r  | -  | - |
| <i>Ramalina farinacea</i>                                | -  | r  | -  | - |
| <i>Thamnobryum alopecurum</i>                            | -  | lf | -  | - |
| <i>Weissia</i> species                                   | -  | -  | r  | - |
| <i>Xanthoria parietina</i>                               | -  | f  | -  | - |

**Table 9.14.** Plant species recorded from chalk grassland and scrub at Tottington Mount. *Column 1 – Target Note 111; column 2 – steep chalk slope and weedy track at Target Note 111 (2); column 3 – Target Note 111c; column 4 – Target Note 111d; column 5 – grassland at Target Note 111e; column 6 – scrub at Target Note 111e (2); column 7 – Target Note 112.*

| Species                                                            | 111 | 111<br>(2) | 111c | 111d | 111e | 111e<br>(2) | 112 |
|--------------------------------------------------------------------|-----|------------|------|------|------|-------------|-----|
| a) Trees, shrubs and climbers                                      |     |            |      |      |      |             |     |
| <i>Clematis vitalba</i> (Traveller's-joy)                          | -   | -          | -    | la   | -    | @           | -   |
| <i>Corylus avellana</i> (Hazel)                                    | -   | -          | -    | la   | -    | @           | -   |
| <i>Crataegus monogyna</i> (Hawthorn)                               | lf  | r          | vr   | -    | -    | @           | lf  |
| <i>Crataegus monogyna</i> (Hawthorn), seedling                     | vr  | -          | -    | -    | -    | -           | -   |
| <i>Fraxinus excelsior</i> (Ash)                                    | -   | -          | vr   | lf   | -    | @           | -   |
| <i>Fraxinus excelsior</i> (Ash), seedling                          | -   | -          | -    | -    | -    | -           | vr  |
| <i>Hypericum androsaemum</i> (Tutsan)                              | -   | -          | -    | -    | -    | o           | -   |
| <i>Prunus spinosa</i> (Blackthorn)                                 | -   | -          | -    | lf   | -    | -           | r   |
| <i>Rhamnus cathartica</i> (Buckthorn)                              | -   | -          | vr   | -    | -    | -           | -   |
| <i>Rosa canina</i> (Dog-rose)                                      | -   | -          | -    | -    | -    | @           | r   |
| <i>Rosa canina</i> (Dog-rose), seedling                            | vr  | -          | -    | -    | -    | -           | -   |
| <i>Rubus caesius</i> (Dewberry)                                    | -   | -          | -    | la   | -    | -           | -   |
| <i>Rubus fruticosus</i> agg. (Bramble)                             | -   | -          | vr   | -    | -    | @           | la  |
| <i>Sambucus nigra</i> (Elder)                                      | -   | -          | vr   | lf   | -    | @           | r   |
| <i>Viburnum lantana</i> (Wayfaring-tree)                           | -   | -          | -    | -    | -    | @           | r   |
| b) Herbs and ferns                                                 |     |            |      |      |      |             |     |
| <i>Achillea millefolium</i> (Yarrow)                               | f   | f          | f    | f    | f    | vr          | f   |
| <i>Agrimonia eupatoria</i> (Agrimony)                              | r   | vr         | r    | o    | -    | -           | -   |
| <i>Agrostis capillaris</i> (Common Bent)                           | r   | -          | -    | -    | a    | -           | -   |
| <i>Agrostis stolonifera</i> (Creeping Bent)                        | f   | f          | f    | r    | -    | la          | f   |
| <i>Anacamptis pyramidalis</i> (Pyramidal Orchid)                   | -   | vr         | r    | vr   | -    | -           | o   |
| <i>Anagallis arvensis</i> ssp. <i>arvensis</i> (Scarlet Pimpernel) | -   | vr         | -    | -    | -    | -           | -   |
| <i>Anisantha sterilis</i> (Barren Brome)                           | -   | r          | vr   | -    | -    | vr          | r   |
| <i>Anthoxanthum odoratum</i> (Sweet Vernal-grass)                  | -   | -          | -    | vr   | -    | -           | vr  |
| <i>Anthyllis vulneraria</i> (Kidney Vetch)                         | r   | -          | -    | -    | -    | -           | -   |
| <i>Arctium minus</i> (Lesser Burdock)                              | -   | r          | -    | -    | -    | -           | r   |
| <i>Arenaria serpyllifolia</i> (Thyme-leaved Sandwort)              | r   | f          | r    | -    | -    | -           | -   |
| <i>Arrhenatherum elatius</i> (False Oat-grass)                     | -   | vr         | r    | a    | o    | la          | la  |
| <i>Arum maculatum</i> (Lords-and-Ladies)                           | -   | -          | -    | -    | -    | o           | vr  |
| <i>Asperula cynanchica</i> (Squinancywort)                         | -   | o          | r    | -    | -    | -           | -   |
| <i>Atriplex patula</i> (Common Orache)                             | -   | r          | -    | -    | -    | -           | -   |
| <i>Avenula pratensis</i> (Meadow Oat-grass)                        | -   | vr         | o    | -    | -    | -           | -   |
| <i>Avenula pubescens</i> (Downy Oat-grass)                         | lf  | -          | -    | -    | -    | -           | r   |
| <i>Bellis perennis</i> (Daisy)                                     | o   | o          | o    | -    | o    | -           | r   |
| <i>Blackstonia perfoliata</i> (Yellow-wort)                        | -   | o          | r    | -    | -    | -           | -   |
| <i>Brachypodium pinnatum</i> (Tor-grass)                           | -   | a          | a    | a    | o    | -           | ld  |
| <i>Brachypodium sylvaticum</i> (False Brome)                       | -   | -          | vr   | o    | f    | f           | la  |
| <i>Briza media</i> (Quaking-grass)                                 | r   | o          | f    | r    | -    | -           | r   |
| <i>Bromopsis erecta</i> (Upright Brome)                            | ld  | a          | f    | f    | -    | -           | la  |
| <i>Bromus hordeaceus</i> (Soft-brome)                              | la  | r          | vr   | -    | -    | -           | r   |

|                                                        |    |    |    |    |    |    |    |
|--------------------------------------------------------|----|----|----|----|----|----|----|
| <i>Bryonia dioica</i> (White Bryony)                   | -  | vr | vr | -  | -  | vr | -  |
| <i>Campanula rotundifolia</i> (Harebell)               | -  | vr | r  | vr | -  | -  | vr |
| <i>Capsella bursa-pastoris</i> (Shepherd's-purse)      | -  | r  | -  | -  | -  | -  | -  |
| <i>Carduus crispus</i> (Wetted Thistle)                | -  | r  | vr | -  | r  | r  | -  |
| <i>Carex caryophylla</i> (Spring-sedge)                | -  | -  | o  | -  | -  | -  | -  |
| <i>Carex flacca</i> (Glaucous Sedge)                   | -  | o  | a  | f  | -  | -  | r  |
| <i>Carlina vulgaris</i> (Carline Thistle)              | -  | vr | -  | -  | -  | -  | -  |
| <i>Catapodium rigidum</i> (Fern-grass)                 | -  | r  | vr | -  | -  | -  | -  |
| <i>Centaurea debeauxii</i> (Chalk knapweed)            | f  | a  | f  | f  | -  | -  | -  |
| <i>Centaurea scabiosa</i> (Greater Knapweed)           | r  | o  | -  | -  | -  | -  | -  |
| <i>Centaureum erythraea</i> (Common Centaury)          | -  | -  | o  | vr | -  | -  | -  |
| <i>Cerastium fontanum</i> (Common Mouse-ear)           | o  | f  | f  | o  | f  | r  | f  |
| <i>Chaerophyllum temulum</i> (Rough Chervil)           | -  | -  | -  | -  | -  | o  | vr |
| <i>Cirsium acaule</i> (Dwarf Thistle)                  | o  | r  | f  | o  | -  | -  | -  |
| <i>Cirsium arvense</i> (Creeping Thistle)              | lf | r  | o  | o  | o  | -  | lf |
| <i>Cirsium vulgare</i> (Spear Thistle)                 | r  | vr | vr | r  | r  | o  | lf |
| <i>Crepis capillaris</i> (Smooth Hawk's-beard)         | o  | o  | o  | -  | f  | -  | la |
| <i>Crepis vesicaria</i> (Beaked Hawk's-beard)          | -  | r  | -  | -  | -  | -  | -  |
| <i>Cynoglossum officinale</i> (Hound's-tongue)         | r  | r  | r  | r  | -  | vr | -  |
| <i>Cynosurus cristatus</i> (Crested Dog's-tail)        | -  | -  | r  | -  | -  | -  | -  |
| <i>Dactylis glomerata</i> (Cock's-foot)                | f  | o  | a  | f  | a  | r  | f  |
| <i>Dactylorhiza fuchsii</i> (Common Spotted-orchid)    | -  | -  | r  | vr | -  | -  | -  |
| <i>Danthonia decumbens</i> (Heath-grass)               | -  | -  | r  | -  | -  | -  | -  |
| <i>Daucus carota</i> ssp. <i>carota</i> (Wild Carrot)  | -  | o  | -  | -  | -  | -  | -  |
| <i>Dipsacus fullonum</i> (Teasel)                      | -  | -  | -  | -  | vr | -  | vr |
| <i>Echium vulgare</i> (Viper's-bugloss)                | -  | vr | -  | -  | -  | -  | -  |
| <i>Elytrigia repens</i> (Common Couch)                 | r  | -  | -  | -  | -  | -  | -  |
| <i>Euphrasia nemorosa</i> (an Eyebright)               | -  | -  | -  | vr | -  | -  | -  |
| <i>Festuca ovina</i> (Sheep's-fescue)                  | -  | a  | a  | a  | a  | -  | r  |
| <i>Festuca rubra</i> (Red Fescue)                      | a  | r  | f  | r  | r  | r  | a  |
| <i>Filipendula vulgaris</i> (Dropwort)                 | -  | f  | r  | r  | -  | -  | -  |
| <i>Galium aparine</i> (Cleavers)                       | -  | -  | r  | -  | -  | o  | r  |
| <i>Galium mollugo</i> (Hedge Bedstraw)                 | f  | f  | f  | a  | o  | r  | f  |
| <i>Galium verum</i> (Lady's Bedstraw)                  | lf | a  | f  | f  | -  | -  | r  |
| <i>Geranium dissectum</i> (Cut-leaved Crane's-bill)    | -  | r  | r  | -  | vr | vr | r  |
| <i>Geranium molle</i> (Dove's-foot Crane's-bill)       | f  | r  | -  | -  | r  | vr | r  |
| <i>Geranium pusillum</i> (Small-flowered Crane's-bill) | -  | r  | -  | -  | -  | -  | -  |
| <i>Geranium robertianum</i> (Herb-Robert)              | -  | -  | -  | -  | -  | o  | -  |
| <i>Geum urbanum</i> (Wood Avens)                       | -  | -  | -  | -  | -  | o  | -  |
| <i>Glechoma hederacea</i> (Ground-ivy)                 | -  | -  | r  | o  | r  | f  | r  |
| <i>Helianthemum nummularium</i> (Common Rock-rose)     | -  | f  | -  | -  | -  | -  | -  |
| <i>Helminthotheca echioides</i> (Bristly Oxtongue)     | r  | -  | -  | -  | -  | -  | -  |
| <i>Heracleum sphondylium</i> (Hogweed)                 | o  | -  | r  | -  | -  | -  | r  |
| <i>Hippocrepis comosa</i> (Horseshoe Vetch)            | -  | r  | o  | -  | -  | -  | -  |
| <i>Holcus lanatus</i> (Yorkshire-fog)                  | -  | o  | f  | f  | f  | o  | f  |
| <i>Hypericum perforatum</i> (Perforate St John's-wort) | -  | vr | -  | r  | -  | -  | -  |
| <i>Koeleria macrantha</i> (Crested Hair-grass)         | lf | o  | o  | -  | -  | -  | -  |
| <i>Lapsana communis</i> (Nipplewort)                   | -  | vr | -  | -  | -  | -  | -  |
| <i>Lathyrus pratensis</i> (Meadow Vetchling)           | -  | -  | -  | r  | -  | -  | vr |
| <i>Leontodon hispidus</i> (Rough Hawkbit)              | f  | a  | f  | f  | -  | -  | -  |

|                                                                    |    |    |    |    |    |    |    |
|--------------------------------------------------------------------|----|----|----|----|----|----|----|
| <i>Leucanthemum vulgare</i> (Oxeye Daisy)                          | -  | o  | r  | -  | -  | -  | -  |
| <i>Ligustrum vulgare</i> (Wild Privet)                             | -  | -  | -  | r  | -  | -  | -  |
| <i>Linaria vulgaris</i> (Common Toadflax)                          | -  | vr | -  | -  | -  | -  | -  |
| <i>Linum catharticum</i> (Fairy Flax)                              | r  | f  | f  | o  | -  | -  | r  |
| <i>Lolium perenne</i> (Perennial Rye-grass)                        | la | r  | vr | -  | -  | -  | a  |
| <i>Lotus corniculatus</i> (Common Bird's-foot-trefoil)             | f  | a  | a  | f  | r  | -  | o  |
| <i>Luzula campestris</i> (Field Wood-rush)                         | -  | -  | -  | r  | -  | -  | r  |
| <i>Malva sylvestris</i> (Common Mallow)                            | -  | vr | -  | -  | -  | -  | -  |
| <i>Medicago lupulina</i> (Black Medick)                            | r  | f  | f  | o  | f  | -  | r  |
| <i>Mentha arvensis</i> (Corn Mint)                                 | -  | -  | r  | o  | -  | r  | -  |
| <i>Moehringia trinervia</i> (Three-nerved Sandwort)                | -  | -  | -  | -  | -  | vr | -  |
| <i>Myosotis arvensis</i> (Field Forget-me-not)                     | -  | -  | r  | -  | r  | r  | r  |
| <i>Myosotis ramosissima</i> (Early Forget-me-not)                  | -  | r  | -  | -  | -  | -  | -  |
| <i>Odontites vernus</i> (Red Bartsia)                              | r  | vr | -  | -  | -  | -  | -  |
| <i>Ononis repens</i> (Common Restharrow)                           | -  | o  | -  | -  | -  | -  | -  |
| <i>Papaver rhoeas</i> (Common Poppy)                               | -  | vr | -  | -  | -  | -  | -  |
| <i>Pastinaca sativa</i> (Wild Parsnip)                             | r  |    |    |    |    |    |    |
| <i>Phleum bertolonii</i> (Smaller Cat's-tail)                      | o  | o  | o  | o  | r  | -  | o  |
| <i>Phyteuma orbiculare</i> (Round-headed Rampion)                  | vr | o  | o  | -  | -  | -  | -  |
| <i>Picris hieracioides</i> (Hawkweed Oxtongue)                     |    | o  | -  | -  | -  | -  | -  |
| <i>Pilosella officinarum</i> (Mouse-ear-hawkweed)                  |    | o  | r  | -  | -  | -  | -  |
| <i>Pimpinella saxifraga</i> (Burnet-saxifrage)                     | f  | o  | f  | o  | -  | -  | lf |
| <i>Plantago lanceolata</i> (Ribwort Plantain)                      | f  | f  | f  | o  | -  | r  | o  |
| <i>Plantago major</i> (Greater Plantain)                           |    | r  | vr | -  | -  | vr | vr |
| <i>Plantago media</i> (Hoary Plantain)                             | r  | f  | o  | r  | -  | -  | -  |
| <i>Poa annua</i> (Annual Meadow-grass)                             |    | r  | -  | -  | -  | r  | vr |
| <i>Poa humilis</i> (Spreading Meadow-grass)                        | o  | o  | f  | o  | -  | -  | o  |
| <i>Poa pratensis</i> (Smooth Meadow-grass)                         | f  | -  | -  | -  | -  | -  | -  |
| <i>Poa trivialis</i> (Rough Meadow-grass)                          | r  | o  | o  | o  | -  | f  | f  |
| <i>Polygala vulgaris</i> (Common Milkwort)                         | -  | vr | o  | r  | -  | -  | -  |
| <i>Polygonum arenastrum</i> (Equal-leaved Knotgrass)               | -  | r  | -  | -  | -  | -  | -  |
| <i>Polygonum aviculare</i> (Knotgrass)                             | r  | r  | -  | -  | -  | -  | -  |
| <i>Potentilla anserina</i> (Silverweed)                            | -  | -  | r  | r  | vr | -  | -  |
| <i>Potentilla reptans</i> (Creeping Cinquefoil)                    | -  | -  | -  | -  | vr | vr | vr |
| <i>Potentilla species</i> (a Cinquefoil)                           | -  | vr | -  | -  | -  | -  | -  |
| <i>Poterium sanguisorba</i> ssp. <i>sanguisorba</i> (Salad Burnet) | lf | a  | f  | f  | -  | -  | r  |
| <i>Primula veris</i> (Cowslip)                                     | lf | r  | f  | o  | -  | -  | r  |
| <i>Primula vulgaris</i> (Primrose)                                 | -  | -  | -  | -  | -  | r  | -  |
| <i>Prunella vulgaris</i> (Selfheal)                                | -  | o  | f  | o  | o  | o  | o  |
| <i>Ranunculus bulbosus</i> (Bulbous Buttercup)                     | f  | f  | o  | r  | -  | -  | o  |
| <i>Ranunculus repens</i> (Creeping Buttercup)                      | r  | vr | -  | r  | f  | f  | r  |
| <i>Reseda lutea</i> (Wild Mignonette)                              | r  | vr | -  | -  | -  | -  | -  |
| <i>Reseda luteola</i> (Weld)                                       | -  | vr | -  | -  | -  | -  | -  |
| <i>Rumex acetosa</i> (Common Sorrel)                               | r  | -  | -  | -  | -  | -  | r  |
| <i>Rumex crispus</i> (Curled Dock)                                 | -  | r  | -  | -  | -  | -  | -  |
| <i>Rumex obtusifolius</i> (Broad-leaved Dock)                      | -  | vr | -  | -  | -  | -  | -  |
| <i>Rumex sanguineus</i> (Wood Dock)                                | -  | -  | vr | -  | vr | f  | vr |
| <i>Scabiosa columbaria</i> (Small Scabious)                        | -  | vr | vr | vr | -  | -  | -  |
| <i>Schedonorus arundinaceus</i> (Tall Fescue)                      | -  | vr | -  | -  | -  | -  | r  |
| <i>Scorzoneroide autumnalis</i> (Autumn Hawkbit)                   | f  | r  | -  | -  | -  | -  | -  |

|                                                            |    |    |    |    |    |    |    |
|------------------------------------------------------------|----|----|----|----|----|----|----|
| <i>Scrophularia nodosa</i> (Common Figwort)                | -  | -  | -  | -  | -  | vr | -  |
| <i>Senecio erucifolius</i> (Hoary Ragwort)                 | -  | -  | -  | o  | -  | o  | -  |
| <i>Senecio jacobaea</i> (Common Ragwort)                   | f  | o  | o  | r  | -  | -  | -  |
| <i>Sherardia arvensis</i> (Field Madder)                   | -  | o  | o  | -  | -  | -  | vr |
| <i>Silene dioica</i> (Red Campion)                         | -  | r  | -  | vr | -  | o  | -  |
| <i>Silene x hampeana</i>                                   | -  | vr | -  | -  | -  | -  | -  |
| <i>Silene latifolia</i> (White Campion)                    | -  | r  | -  | -  | -  | -  | -  |
| <i>Sisymbrium officinale</i> (Hedge Mustard)               | r  | r  | vr | -  | -  | -  | -  |
| <i>Sonchus asper</i> (Prickly Sow-thistle)                 | r  | r  | vr | -  | vr | r  | -  |
| <i>Sonchus oleraceus</i> (Smooth Sow-thistle)              | r  | -  | -  | -  | -  | -  | -  |
| <i>Stellaria media</i> (Common Chickweed)                  | r  | r  | -  | -  | -  | -  | r  |
| <i>Taraxacum</i> sect. <i>Ruderalia</i> (Common Dandelion) | f  |    |    |    |    |    |    |
|                                                            |    | f  | o  | -  | -  | -  | -  |
| <i>Thymus polytrichus</i> (Wild Thyme)                     | -  | f  | o  | -  | -  | -  | -  |
| <i>Torilis japonica</i> (Upright Hedge-parsley)            | -  | -  | -  | -  | -  | r  | o  |
| <i>Torilis nodosa</i> (Knotted Hedge-parsley)              | -  | vr | -  | -  | -  | -  | -  |
| <i>Tragopogon pratensis</i> (Goat's-beard)                 | o  | -  | -  | -  | -  | -  | vr |
| <i>Trifolium campestre</i> (Hop Trefoil)                   |    | o  | -  | -  | -  | -  | -  |
| <i>Trifolium pratense</i> (Red Clover)                     | f  | f  | f  | o  | r  | vr | r  |
| <i>Trifolium repens</i> (White Clover)                     | f  | r  | o  | r  | f  | -  | a  |
| <i>Tripleurospermum inodorum</i> (Scentless Mayweed)       | -  |    |    |    |    |    |    |
|                                                            |    | r  | -  | -  | -  | -  | -  |
| <i>Trisetum flavescens</i> (Yellow Oat-grass)              | -  | f  | f  | o  | f  | -  | f  |
| <i>Urtica dioica</i> (Common Nettle)                       | lf | vr | vr | r  | r  | a  | lf |
| <i>Urtica urens</i> (Small Nettle)                         | -  | vr | -  | -  | -  | -  | -  |
| <i>Verbascum thapsus</i> (Great Mullein)                   | -  | -  | -  | -  | -  | vr | -  |
| <i>Veronica arvensis</i> (Wall Speedwell)                  | -  | vr | -  | -  | r  | vr | -  |
| <i>Veronica chamaedrys</i> (Germander Speedwell)           | f  | o  | r  | f  | a  | f  | f  |
| <i>Veronica filiformis</i> (Slender Speedwell)             |    | -  | -  | -  | vr | -  | -  |
| <i>Veronica persica</i> (Common Field-speedwell)           | -  | r  | -  | -  | -  | -  | -  |
| <i>Veronica serpyllifolia</i> (Thyme-leaved Speedwell)     | -  |    |    |    |    |    |    |
|                                                            |    | -  | -  | -  | -  | vr | -  |
| <i>Vicia cracca</i> (Tufted Vetch)                         | -  | -  | f  | r  | -  | -  | -  |
| <i>Vicia sativa</i> (Common Vetch)                         | r  | -  | r  | o  | -  | -  | -  |
| <i>Viola hirta</i> (Hairy Violet)                          | -  | vr | o  | o  | -  | -  | -  |
| <i>Viola riviniana</i> (Common Dog-violet)                 | -  | -  | -  | -  | -  | r  | -  |
| c) Bryophytes and lichens                                  |    |    |    |    |    |    |    |
| <i>Barbula unguiculata</i>                                 | -  | o  | -  | -  | -  | -  | -  |
| <i>Brachythecium rutabulum</i>                             | o  | -  | -  | -  | f  | f  | o  |
| <i>Brachythecium velutinum</i>                             | -  | -  | -  | -  | -  | o  | -  |
| <i>Calliergonella cuspidata</i>                            | -  | -  | r  | r  | o  | -  | r  |
| <i>Frullania dilatata</i>                                  | -  | -  | -  | -  | -  | vr | -  |
| <i>Homalothecium lutescens</i>                             | r  | f  | r  | -  | o  | -  | -  |
| <i>Kinbergia praelonga</i>                                 | -  | -  | -  | -  | -  | a  | -  |
| <i>Metzgeria furcata</i>                                   | -  | -  | -  | -  | -  | vr | -  |
| <i>Neckera complanata</i>                                  | -  | -  | -  | -  | -  | o  | -  |
| <i>Oxyrrhynchium hians</i>                                 | -  | r  | r  | -  | -  | -  | -  |
| <i>Plagiomnium undulatum</i>                               | -  | -  | -  | -  | vr | -  | -  |
| <i>Porella platyphylla</i>                                 | -  | -  | -  | -  | -  | r  | -  |
| <i>Pseudocleropodium purum</i>                             | -  | -  | r  | r  | a  | -  | o  |
| <i>Rhytidiadelphus squarrosus</i>                          | r  | -  | -  | -  | -  | -  | o  |
| <i>Thamnobryum alopecurum</i>                              | -  | -  | -  | -  | -  | r  | -  |



Table 9.15. Plant species recorded from two wooded streams. Column 1 – Target Note 139; column 2 – Target Note 141.

| Species                                             | 139 | 141 |
|-----------------------------------------------------|-----|-----|
| a) Trees, shrubs and climbers                       |     |     |
| <i>Acer campestre</i> (Field Maple)                 | o   | o   |
| <i>Cornus sanguinea</i> (Dogwood)                   | r   | r   |
| <i>Corylus avellana</i> (Hazel)                     | -   | la  |
| <i>Crataegus monogyna</i> (Hawthorn)                | f   | o   |
| <i>Crataegus monogyna</i> (Hawthorn), seedling      | -   | r   |
| <i>Euonymus europaeus</i> (Spindle)                 | r   | r   |
| <i>Fraxinus excelsior</i> (Ash)                     | -   | r   |
| <i>Fraxinus excelsior</i> (Ash), seedling           | -   | vr  |
| <i>Hedera helix</i> (Ivy)                           | lf  | lf  |
| <i>Humulus lupulus</i> (Hop)                        | vr  | vr  |
| <i>Ligustrum vulgare</i> (Wild Privet)              | o   | r   |
| <i>Prunus spinosa</i> (Blackthorn)                  | ld  | ld  |
| <i>Quercus robur</i> (Pedunculate Oak)              | o   | la  |
| <i>Rosa arvensis</i> (Field-rose)                   | o   | o   |
| <i>Rosa canina</i> (Dog-rose)                       | o   | o   |
| <i>Rubus fruticosus</i> agg. (Bramble)              | lf  | lf  |
| <i>Salix cinerea</i> (Grey Willow)                  | o   | f   |
| <i>Salix fragilis</i> (Crack-willow)                | f   | lf  |
| <i>Sambucus nigra</i> (Elder)                       | r   | r   |
| <i>Ulex europaeus</i> (Gorse)                       | -   | r   |
| b) Herbs and ferns                                  |     |     |
| <i>Adoxa moschatellina</i> (Moschatel)              | r   | lf  |
| <i>Alliaria petiolata</i> (Garlic Mustard)          | o   | o   |
| <i>Anthriscus sylvestris</i> (Cow Parsley)          | lf  | lf  |
| <i>Arrhenatherum elatius</i> (False Oat-grass)      | -   | -   |
| <i>Arum maculatum</i> (Lords-and-Ladies)            | o   | f   |
| <i>Brachypodium sylvaticum</i> (False Brome)        | lf  | f   |
| <i>Calystegia sepium</i> (Hedge Bindweed)           | o   | -   |
| <i>Cardamine flexuosa</i> (Wavy Bitter-cress)       | vr  | r   |
| <i>Carex pendula</i> (Pendulous Sedge)              | vr  | r   |
| <i>Carex remota</i> (Remote Sedge)                  | -   | r   |
| <i>Carex sylvatica</i> (Wood-sedge)                 | vr  | o   |
| <i>Dactylis glomerata</i> (Cock's-foot)             | -   | r   |
| <i>Deschampsia cespitosa</i> (Tufted Hair-grass)    | -   | vr  |
| <i>Dryopteris filix-mas</i> (Male-fern)             | vr  | -   |
| <i>Elytrigia repens</i> (Common Couch)              | r   | lf  |
| <i>Equisetum arvense</i> (Field Horsetail)          | -   | vr  |
| <i>Ficaria verna</i> (Lesser Celandine)             | -   | lf  |
| <i>Filipendula ulmaria</i> (Meadowsweet)            | r   | r   |
| <i>Galium aparine</i> (Cleavers)                    | f   | o   |
| <i>Geum urbanum</i> (Wood Avens)                    | r   | o   |
| <i>Glechoma hederacea</i> (Ground-ivy)              | lf  | lf  |
| <i>Heracleum sphondylium</i> (Hogweed)              | o   | o   |
| <i>Hyacinthoides non-scripta</i> (Bluebell)         | lf  | lf  |
| <i>Lapsana communis</i> (Nipplewort)                | -   | vr  |
| <i>Moehringia trinervia</i> (Three-nerved Sandwort) | -   | vr  |
| <i>Oenanthe crocata</i> (Hemlock Water-dropwort)    | vr  | r   |

|                                                            |     |     |
|------------------------------------------------------------|-----|-----|
| <i>Phragmites australis</i> (Common Reed)                  | vr  | -   |
| <i>Phyllitis scolopendrium</i> (Hart's-tongue)             | -   | r   |
| <i>Poa trivialis</i> (Rough Meadow-grass)                  | o   | o   |
| <i>Primula vulgaris</i> (Primrose)                         | vr  | o   |
| <i>Rumex sanguineus</i> (Wood Dock)                        | r   | o   |
| <i>Scrophularia auriculata</i> (Water Figwort)             | vr  | -   |
| <i>Silene dioica</i> (Red Campion)                         | -   | o   |
| <i>Solanum dulcamara</i> (Bittersweet)                     | vr  | -   |
| <i>Stachys sylvatica</i> (Hedge Woundwort)                 | vr  | r   |
| <i>Stellaria holostea</i> (Greater Stitchwort)             | -   | lf  |
| <i>Tamus communis</i> (Black Bryony)                       | -   | r   |
| <i>Urtica dioica</i> (Common Nettle)                       | lf  | la  |
| <i>Veronica chamaedrys</i> (Germander Speedwell)           | -   | vr  |
| <i>Veronica hederifolia</i> (Ivy-leaved Speedwell)         | -   | r   |
| <i>Veronica serpyllifolia</i> (Thyme-leaved Speedwell)     | -   | -   |
| <i>Vicia sepium</i> (Bush Vetch)                           | -   | r   |
| <i>Viola</i> cf. <i>reichenbachiana</i> (Early Dog-violet) | -   | o   |
| c) Bryophytes and lichens                                  |     |     |
| <i>Atrichum undulatum</i>                                  | -   | lf  |
| <i>Brachythecium rutabulum</i>                             | -   | o   |
| <i>Brachythecium velutium</i>                              | o   | f   |
| <i>Conocaphalum conicum</i>                                | -   | r   |
| <i>Cryphaea heteromalla</i>                                | -   | r   |
| <i>Dicranoweisia cirrata</i>                               | -   | r   |
| <i>Frullania dilatata</i>                                  | r   | o   |
| <i>Hypnum andoi</i>                                        | -   | lf  |
| <i>Hypnum cupressiforme</i>                                | r   | o   |
| <i>Kindbergia praelonga</i>                                | o   | o   |
| <i>Lunularia cruciata</i>                                  | vla | r   |
| <i>Metzgeria furcata</i>                                   | vla | lf  |
| <i>Neckera complanata</i>                                  | -   | r   |
| <i>Othotrichum affine</i>                                  | -   | o   |
| <i>Orthotrichum striatum</i>                               | -   | r   |
| <i>Pellia endiviifolia</i>                                 | vlf | vla |
| <i>Physcia adscendens</i>                                  | lf  | -   |
| <i>Physcia tenella</i>                                     | lf  | -   |
| <i>Plagiomnium</i> cf. <i>affine</i>                       | -   | r   |
| <i>Plagiomnium undulatum</i>                               | -   | lf  |
| <i>Radula complanata</i>                                   | r   | -   |
| <i>Ulota bruchii</i>                                       | -   | o   |
| <i>Ulota crispa</i>                                        | lf  | lf  |
| <i>Xanthoria parietina</i>                                 | lf  | -   |

**Table 9.16.** Plant species recorded from marshy grassland and a pond at Woodmancote Place. *Column 1 – pond at Target Note 161; Column 2 – marshy grassland at Target Note 162; column 3 – marshy grassland at Target Note 168 (2).*

| Species                                              | 161 | 162 | 168 (2) |
|------------------------------------------------------|-----|-----|---------|
| a) Trees, shrubs and climbers                        |     |     |         |
| <i>Alnus glutinosa</i> (Alder)                       | f   | o   | vr      |
| <i>Betula pubescens</i> (Downy Birch)                | r   | -   | -       |
| <i>Fraxinus excelsior</i> (Ash)                      | -   | vr  | -       |
| <i>Humulus lupulus</i> (Hop)                         | -   | vr  | -       |
| <i>Quercus robur</i> (Pedunculate Oak), seedling     | vr  | r   | -       |
| <i>Rosa canina</i> (Dog-rose)                        | -   | r   | -       |
| <i>Rubus fruticosus</i> agg. (Bramble)               | vr  | o   | vr      |
| <i>Salix cinerea</i> (Grey Willow)                   | r   | r   | vr      |
| b) Herbs and ferns                                   |     |     |         |
| <i>Agrostis canina</i> (Velvet Bent)                 | f   | la  | -       |
| <i>Agrostis capillaris</i> (Common Bent)             | lf  | r   | r       |
| <i>Agrostis stolonifera</i> (Creeping Bent)          | o   | f   | o       |
| <i>Ajuga reptans</i> (Bugle)                         | -   | o   | -       |
| <i>Alopecurus pratensis</i> (Meadow Foxtail)         | -   | r   | a       |
| <i>Angelica sylvestris</i> (Wild Angelica)           | o   | f   | -       |
| <i>Anthoxanthum odoratum</i> (Sweet Vernal-grass)    | f   | lf  | r       |
| <i>Arrhenatherum elatius</i> (False Oat-grass)       | -   | lf  | vr      |
| <i>Bromus hordeaceus</i> (Soft-brome)                | -   | -   | vr      |
| <i>Cardamine pratensis</i> (Cuckooflower)            | -   | o   | lf      |
| <i>Callitriche stagnalis</i> (Common Water-starwort) | vr  | -   | -       |
| <i>Carex demissa</i> (Common Yellow-sedge)           | o   | -   | -       |
| <i>Carex hirta</i> (Hairy Sedge)                     | -   | f   | f       |
| <i>Carex leporina</i> (Oval Sedge)                   | r   | f   | -       |
| <i>Carex nigra</i> (Common Sedge)                    | r   | -   | -       |
| <i>Carex panicea</i> (Carnation Sedge)               | o   | lf  | -       |
| <i>Centaurea debeauxii</i> (Chalk Knapweed)          | -   | vr  | -       |
| <i>Cerastium fontanum</i> (Common Mouse-ear)         | vr  | r   | r       |
| <i>Chamerion angustifolium</i> (Rosebay Willowherb)  | -   | vr  | -       |
| <i>Cirsium arvense</i> (Creeping Thistle)            | -   | -   | o       |
| <i>Cirsium dissectum</i> (Meadow Thistle)            | -   | vlf | -       |
| <i>Cirsium palustre</i> (Marsh Thistle)              | r   | f   | vr      |
| <i>Comarum palustre</i> (Marsh cinquefoil)           | -   | r   | -       |
| <i>Dactylis glomerata</i> (Cock's-foot)              | -   | -   | r       |
| <i>Dactylorhiza fuchsii</i> (Common Spotted-orchid)  | r   | o   | vr      |
| <i>Deschampsia cespitosa</i> (Tufted Hair-grass)     | o   | f   | -       |
| <i>Digitalis purpurea</i> (Foxglove)                 | -   | r   | -       |
| <i>Eleocharis palustris</i> (Common Spike-rush)      | vlf | -   | -       |
| <i>Epilobium palustre</i> (Marsh Willowherb)         | -   | r   | -       |
| <i>Epilobium</i> species (a Willowherb)              | vr  | o   | vr      |
| <i>Equisetum fluviatile</i> (Water Horsetail)        | -   | r   | r       |
| <i>Festuca rubra</i> (Red Fescue)                    | r   | -   | -       |
| <i>Galeopsis tetrahit</i> (Common Hemp-nettle)       | -   | f   | -       |
| <i>Galium aparine</i> (Cleavers)                     | -   | f   | r       |
| <i>Galium palustre</i> (Common Marsh-bedstraw)       | o   | f   | r       |
| <i>Galium uliginosum</i> (Fen Bedstraw)              | r   | -   | -       |
| <i>Gnaphalium uliginosum</i> (Marsh Cudweed)         | vr  | -   | -       |
| <i>Heracleum sphondylium</i> (Hogweed)               | vr  | r   | o       |

|                                                            |     |    |    |
|------------------------------------------------------------|-----|----|----|
| <i>Holcus lanatus</i> (Yorkshire-fog)                      | o   | f  | o  |
| <i>Hyacinthoides non-scripta</i> (Bluebell)                | -   | vr | -  |
| <i>Juncus acutiflorus</i> (Sharp-flowered Rush)            | ld  | la | -  |
| <i>Juncus articulatus</i> (Jointed Rush)                   | o   | -  | -  |
| <i>Juncus bufonius</i> (Toad Rush)                         | vlf | -  | -  |
| <i>Juncus effusus</i> (Soft-rush)                          | r   | d  | a  |
| <i>Lotus pedunculatus</i> (Greater Bird's-foot-trefoil)    | o   | o  | r  |
| <i>Lycopus europaeus</i> (Gypsywort)                       | r   | r  | -  |
| <i>Lysimachia vulgaris</i> (Yellow Loosestrife)            | la  | -  | r  |
| <i>Molinia caerulea</i> (Purple Moor-grass)                | vr  | lf | -  |
| <i>Montia fontana</i> (Blinks)                             | r   | -  | -  |
| <i>Oenanthe crocata</i> (Hemlock Water-dropwort)           | r   | r  | -  |
| <i>Phleum pratense</i> (Timothy)                           | -   | r  | -  |
| <i>Plantago major</i> (Greater Plantain)                   | -   | vr | -  |
| <i>Poa cf. humilis</i> (Spreading Meadow-grass)            | -   | -  | r  |
| <i>Poa trivialis</i> (Rough Meadow-grass)                  | -   | r  | r  |
| <i>Potamogeton natans</i> (Broad-leaved Pondweed)          | f   | -  | -  |
| <i>Potentilla anserina</i> (Silverweed)                    | r   | lf | -  |
| <i>Potentilla erecta</i> (Tormentil)                       | -   | r  | -  |
| <i>Potentilla reptans</i> (Creeping Cinquefoil)            | -   | r  | -  |
| <i>Prunella vulgaris</i> (Selfheal)                        | vr  | -  | -  |
| <i>Pulicaria dysenterica</i> (Common Fleabane)             | f   | o  | -  |
| <i>Ranunculus acris</i> (Meadow Buttercup)                 | -   | r  | r  |
| <i>Ranunculus flammula</i> (Lesser Spearwort)              | f   | o  | -  |
| <i>Ranunculus repens</i> (Creeping Buttercup)              | o   | o  | a  |
| <i>Rumex acetosa</i> (Common Sorrel)                       | o   | f  | -  |
| <i>Rumex conglomeratus</i> (Clustered Dock)                | -   | o  | lf |
| <i>Rumex crispus</i> (Curled Dock)                         | -   | vr | -  |
| <i>Rumex obtusifolius</i> (Broad-leaved Dock)              | -   | vr | r  |
| <i>Sagina procumbens</i> (Procumbent Pearlwort)            | r   | -  | -  |
| <i>Senecio viscosus</i> (Sticky Groundsel)                 | -   | -  | vr |
| <i>Silene flos-cuculi</i> (Ragged-Robin)                   | r   | r  | -  |
| <i>Sparganium erectum</i> (Branched Bur-reed)              | vla | -  | -  |
| <i>Stellaria alsine</i> (Bog Stitchwort)                   | -   | o  | -  |
| <i>Stellaria graminea</i> (Lesser Stitchwort)              | o   | -  | -  |
| <i>Taraxacum</i> sect. <i>Ruderalia</i> (Common Dandelion) | -   | -  | r  |
| <i>Trifolium repens</i> (White Clover)                     | r   | -  | vr |
| <i>Typha latifolia</i> (Bulrush)                           | vla | -  | -  |
| <i>Urtica dioica</i> (Common Nettle)                       | r   | lf | f  |
| <i>Veronica chamaedrys</i> (Germander Speedwell)           | -   | -  | vr |
| c) Bryophytes and lichens                                  |     |    |    |
| An acrocarpous moss                                        | r   | -  | -  |
| <i>Brachythecium rutabulum</i>                             | lf  | o  | r  |
| <i>Calliergon</i> species                                  | r   | -  | -  |
| <i>Kindbergia praelonga</i>                                | -   | o  | -  |
| A pleurocarpous moss                                       | r   | -  | -  |
| <i>Rhytidiadelphus squarrosus</i>                          | r   | -  | -  |
| <i>Riccardia multifida</i>                                 | r   | -  | -  |

*Table 9.17. Plant species recorded from streams. Column 1 – Target Note 138; column 2 – Target Note 160; column 3 – stream and adjacent marshy grassland at Target Note 168; column 4 – Target Note 173; column 5 – Target Note 185; column 6 – Target Note 188.*

| Species                                               | 138 | 160 | 168 | 173 | 185 | 188 |
|-------------------------------------------------------|-----|-----|-----|-----|-----|-----|
| a) Trees, shrubs and climbers                         |     |     |     |     |     |     |
| <i>Alnus glutinosa</i> (Alder)                        | -   | ld  | la  | -   | -   | -   |
| <i>Crataegus monogyna</i> (Hawthorn)                  | -   | o   | -   | -   | -   | -   |
| <i>Fraxinus excelsior</i> (Ash), seedling             | -   | -   | vr  | -   | -   | -   |
| <i>Quercus robur</i> (Pedunculate Oak)                | -   | o   | vr  | r   | -   | -   |
| <i>Rosa canina</i> (Dog-rose)                         | -   | -   | -   | o   | -   | -   |
| <i>Rubus fruticosus</i> agg. (Bramble)                | -   | ld  | -   | f   | la  | r   |
| <i>Salix cinerea</i> (Grey Willow)                    | -   | la  | la  | o   | -   | -   |
| b) Herbs and ferns                                    |     |     |     |     |     |     |
| <i>Agrostis stolonifera</i> (Creeping Bent)           | -   | -   | -   | -   | -   | la  |
| <i>Alliaria petiolata</i> (Garlic Mustard)            | -   | -   | -   | -   | -   | vr  |
| <i>Alopecurus pratensis</i> (Meadow Foxtail)          | ld  | -   | -   | -   | f   | ld  |
| <i>Angelica sylvestris</i> (Wild Angelica)            | -   | o   | -   | -   | -   | -   |
| <i>Anisantha sterilis</i> (Barren Brome)              | -   | -   | -   | lf  | -   | -   |
| <i>Anthoxanthum odoratum</i> (Sweet Vernal-grass)     | -   | -   | -   | -   | r   | -   |
| <i>Anthriscus sylvestris</i> (Cow Parsley)            | -   | -   | -   | -   | r   | -   |
| <i>Apium nodiflorum</i> (Fool's Water-cress)          | lf  | -   | o   | -   | -   | -   |
| <i>Arctium minus</i> (Lesser Burdock)                 | -   | -   | vr  | -   | -   | -   |
| <i>Arrhenatherum elatius</i> (False Oat-grass)        | -   | f   | -   | a   | a   | r   |
| <i>Athyrium filix-femina</i> (Lady-fern)              | -   | r   | -   | -   | -   | -   |
| <i>Barbarea vulgaris</i> (Winter-cress)               | -   | -   | -   | -   | r   | -   |
| <i>Calystegia sepium</i> (Hedge Bindweed)             | f   | -   | -   | o   | f   | -   |
| <i>Cardamine flexuosa</i> (Wavy Bitter-cress)         | -   | lf  | -   | -   | -   | -   |
| <i>Cardamine pratensis</i> (Cuckooflower)             | r   | -   | -   | -   | o   | r   |
| <i>Carex acutiformis</i> (Lesser Pond-sedge)          | ld  | -   | -   | -   | -   | -   |
| <i>Carex divulsa</i> ssp. <i>divulsa</i> (Grey Sedge) | -   | -   | -   | -   | -   | lf  |
| <i>Carex hirta</i> (Hairy Sedge)                      | o   | -   | -   | r   | -   | r   |
| <i>Carex remota</i> (Remote Sedge)                    | -   | f   | -   | -   | -   | -   |
| <i>Carex riparia</i> (Greater Pond-sedge)             | r   | -   | -   | -   | -   | ld  |
| <i>Cerastium fontanum</i> (Common Mouse-ear)          | r   | -   | -   | -   | -   | -   |
| <i>Cirsium arvense</i> (Creeping Thistle)             | o   | -   | r   | f   | f   | f   |
| <i>Cirsium palustre</i> (Marsh Thistle)               | -   | r   | o   | -   | -   | -   |
| <i>Cirsium vulgare</i> (Spear Thistle)                | -   | -   | -   | -   | -   | r   |
| <i>Dactylis glomerata</i> (Cock's-foot)               | -   | o   | -   | o   | o   | -   |
| <i>Deschampsia cespitosa</i> (Tufted Hair-grass)      | -   | -   | r   | -   | -   | -   |
| <i>Digitalis purpurea</i> (Foxglove)                  | -   | r   | r   | -   | -   | -   |
| <i>Dryopteris filix-mas</i> (Male-fern)               | -   | -   | -   | r   | -   | -   |
| <i>Elytrigia repens</i> (Common Couch)                | -   | f   | -   | -   | o   | -   |
| <i>Epilobium hirsutum</i> (Great Willowherb)          | o   | lf  | la  | r   | o   | -   |
| <i>Epilobium</i> species (a Willowherb)               | -   | -   | r   | -   | r   | -   |
| <i>Equisetum arvense</i> (Field Horsetail)            | -   | -   | -   | f   | lf  | -   |
| <i>Equisetum fluviatile</i> (Water Horsetail)         | -   | lf  | o   | -   | -   | -   |
| <i>Equisetum palustre</i> (Marsh Horsetail)           | vr  | -   | -   | -   | -   | -   |
| <i>Equisetum telmateia</i> (Great Horsetail)          | r   | -   | -   | -   | -   | -   |
| <i>Festuca rubra</i> (Red Fescue)                     | -   | -   | r   | -   | -   | -   |

|                                                            |     |    |    |    |    |    |
|------------------------------------------------------------|-----|----|----|----|----|----|
| <i>Ficaria verna</i> (Lesser Celandine)                    | o   | -  | -  | -  | -  | -  |
| <i>Filipendula ulmaria</i> (Meadowsweet)                   | lf  | -  | -  | -  | o  | -  |
| <i>Galium aparine</i> (Cleavers)                           | o   | -  | o  | f  | o  | f  |
| <i>Glechoma hederacea</i> (Ground-ivy)                     | -   | -  | -  | -  | o  | o  |
| <i>Glyceria fluitans</i> (Floating Sweet-grass)            | ld  | -  | la | -  | -  | ld |
| <i>Humulus lupulus</i> (Hop)                               | -   | -  | -  | -  | -  | vr |
| <i>Heracleum sphondylium</i> (Hogweed)                     | o   | -  | -  | o  | r  | -  |
| <i>Holcus lanatus</i> (Yorkshire-fog)                      | o   | f  | -  | r  | f  | -  |
| <i>Iris pseudacorus</i> (Yellow Iris)                      | -   | f  | -  | -  | -  | -  |
| <i>Juncus acutiflorus</i> (Sharp-flowered Rush)            | r   | -  | -  | -  | -  | -  |
| <i>Juncus effusus</i> (Soft-rush)                          | -   | r  | f  | r  | o  | lf |
| <i>Juncus inflexus</i> (Hard Rush)                         | r   | -  | -  | -  | -  | o  |
| <i>Lamium album</i> (White Dead-nettle)                    | -   | -  | vr | -  | -  | -  |
| <i>Lathyrus pratensis</i> (Meadow Vetchling)               | o   | -  | -  | -  | -  | -  |
| <i>Lolium perenne</i> (Perennial Rye-grass)                | -   | -  | -  | -  | -  | r  |
| <i>Lotus pedunculatus</i> (Greater Bird's-foot-trefoil)    | vr  | -  | -  | -  | -  | -  |
| <i>Lycopus europaeus</i> (Gypsywort)                       | -   | -  | o  | -  | -  | -  |
| <i>Lysimachia vulgaris</i> (Yellow Loosestrife)            | -   | -  | lf | -  | -  | -  |
| <i>Mentha aquatica</i> (Water Mint)                        | r   | -  | r  | -  | -  | la |
| <i>Myosotis scorpioides</i> (Water Forget-me-not)          | vlf | r  | -  | -  | -  | -  |
| <i>Nasturtium cf. officinale</i> (Water-cress)             | r   | r  | -  | -  | -  | -  |
| <i>Oenanthe crocata</i> (Hemlock Water-dropwort)           | a   | a  | la | la | a  | a  |
| <i>Phalaris arundinacea</i> (Reed Canary-grass)            | vld | -  | -  | -  | r  | -  |
| <i>Phleum pratense</i> (Timothy)                           | -   | -  | a  | -  | -  | -  |
| <i>Phragmites australis</i> (Common Reed)                  | vr  | -  | -  | -  | -  | -  |
| <i>Poa trivialis</i> (Rough Meadow-grass)                  | f   | f  | lf | o  | f  | a  |
| <i>Pulicaria dysenterica</i> (Common Fleabane)             | -   | -  | -  | -  | r  | -  |
| <i>Ranunculus repens</i> (Creeping Buttercup)              | o   | -  | r  | -  | -  | r  |
| <i>Rumex acetosa</i> (Common Sorrel)                       | -   | -  | -  | -  | r  | r  |
| <i>Rumex acetosella</i> (Sheep's Sorrel)                   | o   | -  | -  | -  | -  | -  |
| <i>Rumex conglomeratus</i> (Clustered Dock)                | f   | -  | r  | -  | o  | f  |
| <i>Rumex crispus</i> (Curled Dock)                         | vr  | -  | -  | -  | -  | -  |
| <i>Rumex obtusifolius</i> (Broad-leaved Dock)              | -   | -  | -  | -  | r  | o  |
| <i>Rumex sanguineus</i> (Wood Dock)                        | -   | -  | -  | r  | -  | -  |
| <i>Senecio jacobaea</i> (Common Ragwort)                   | -   | -  | -  | -  | r  | -  |
| <i>Senecio viscosus</i> (Sticky Groundsel)                 | -   | -  | vr | -  | -  | -  |
| <i>Silene dioica</i> (Red Campion)                         | -   | f  | vr | f  | -  | -  |
| <i>Solanum dulcamara</i> (Bittersweet)                     | -   | -  | r  | o  | f  | r  |
| <i>Sparganium erectum</i> (Branched Bur-reed)              | -   | -  | ld | -  | -  | -  |
| <i>Stachys sylvatica</i> (Hedge Woundwort)                 | -   | r  | -  | -  | r  | r  |
| <i>Stellaria alsine</i> (Bog Stitchwort)                   | -   | r  | -  | -  | -  | -  |
| <i>Stellaria graminea</i> (Lesser Stitchwort)              | r   | -  | -  | -  | -  | r  |
| <i>Stellaria holostea</i> (Greater Stitchwort)             | -   | lf | -  | -  | r  | vr |
| <i>Taraxacum</i> sect. <i>Ruderalia</i> (Common Dandelion) | r   | -  | -  | -  | r  | -  |
| <i>Trifolium dubium</i> (Lesser Trefoil)                   | -   | -  | -  | -  | vr | -  |
| <i>Typha latifolia</i> (Bulrush)                           | -   | -  | r  | -  | -  | -  |
| <i>Urtica dioica</i> (Common Nettle)                       | -   | f  | ld | a  | f  | f  |
| <i>Veronica beccabunga</i> (Brooklime)                     | -   | r  | -  | -  | -  | -  |
| <i>Vicia cracca</i> (Tufted Vetch)                         | r   | -  | -  | -  | -  | -  |
| c) Bryophytes and lichens                                  |     |    |    |    |    |    |
| <i>Brachythecium rutabulum</i>                             | -   | -  | vr | -  | r  | -  |
| <i>Fissidens</i> species                                   | -   | -  | -  | r  | -  | -  |

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*Kindbergia praelonga*

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*Table 9.18. Plant species recorded from woodlands. Column 1 – Target Note 164; Column 2 – Target Note 174; Column 3 – Target Note 217; Column 4 – Target Note 258; Column 5 – Target Note 264.*

| Species                                                  | 164 | 174 | 217 | 258 | 264 |
|----------------------------------------------------------|-----|-----|-----|-----|-----|
| a) Trees, shrubs and climbers                            |     |     |     |     |     |
| <i>Acer campestre</i> (Field Maple)                      | o   | -   | r   | o   | o   |
| <i>Acer campestre</i> (Field Maple), seedling            | -   | vr  | -   | -   | -   |
| <i>Aesculus hippocastanum</i> (Horse-chestnut), seedling | -   | -   | -   | vr  | -   |
| <i>Alnus glutinosa</i> (Alder)                           | a   | -   | -   | -   | -   |
| <i>Betula pendula</i> (Silver Birch)                     | -   | -   | -   | r   | r   |
| <i>Betula pubescens</i> (Downy Birch)                    | lf  | -   | -   | -   | -   |
| <i>Corylus avellana</i> (Hazel)                          | f   | f   | r   | -   | -   |
| <i>Crataegus monogyna</i> (Hawthorn)                     | r   | r   | la  | f   | a   |
| <i>Crataegus monogyna</i> (Hawthorn), seedling           | -   | -   | -   | f   | -   |
| <i>Euonymus europaeus</i> (Spindle)                      | -   | -   | -   | -   | o   |
| <i>Fraxinus excelsior</i> (Ash)                          | r   | a   | vr  | -   | -   |
| <i>Fraxinus excelsior</i> (Ash), seedling                | -   | o   | r   | -   | -   |
| <i>Hedera helix</i> (Ivy)                                | o   | r   | o   | la  | -   |
| <i>Ilex aquifolium</i> (Holly)                           | r   | r   | -   | -   | vr  |
| <i>Ligustrum vulgare</i> (Wild Privet)                   | -   | -   | -   | r   | -   |
| <i>Lonicera periclymenum</i> (Honeysuckle)               | o   | -   | -   | -   | -   |
| <i>Malus sylvestris</i> (Crab Apple)                     | -   | -   | -   | -   | r   |
| <i>Prunus spinosa</i> (Blackthorn)                       | -   | la  | la  | la  | f   |
| <i>Prunus spinosa</i> (Blackthorn), seedling             | -   | o   | -   | la  | -   |
| <i>Quercus robur</i> (Pedunculate Oak)                   | o   | o   | d   | f   | f   |
| <i>Rosa arvensis</i> (Field-rose)                        | -   | -   | r   | -   | -   |
| <i>Rosa canina</i> (Dog-rose)                            | -   | -   | o   | f   | r   |
| <i>Rosa</i> species (a Rose), seedling                   | -   | vr  | -   | -   | -   |
| <i>Rubus fruticosus</i> agg. (Bramble)                   | o   | lf  | lf  | ld  | f   |
| <i>Salix caprea</i> (Goat Willow)                        | -   | r   | -   | -   | -   |
| <i>Salix cinerea</i> (Grey Willow)                       | r   | f   | -   | -   | a   |
| <i>Sambucus nigra</i> (Elder)                            | lf  | r   | -   | -   | -   |
| <i>Sambucus nigra</i> (Elder), seedling                  | -   | -   | -   | -   | vr  |
| <i>Viburnum opulus</i> (Guelder-rose)                    | -   | r   | -   | -   | -   |
| b) Herbs and ferns                                       |     |     |     |     |     |
| <i>Adoxa moschatellina</i> (Moschatel)                   | lf  | lf  | -   | -   | -   |
| <i>Agrimonia eupatoria</i> (Agrimony)                    | -   | -   | -   | r   | -   |
| <i>Agrostis capillaris</i> (Common Bent)                 | -   | -   | -   | -   | r   |
| <i>Agrostis stolonifera</i> (Creeping Bent)              | -   | -   | r   | r   | -   |
| <i>Ajuga reptans</i> (Bugle)                             | o   | r   | o   | -   | -   |
| <i>Alliaria petiolata</i> (Garlic Mustard)               | -   | -   | r   | -   | -   |
| <i>Alopecurus pratensis</i> (Meadow Foxtail)             | -   | -   | -   | lf  | -   |
| <i>Anemone nemorosa</i> (Wood Anemone)                   | f   | -   | -   | -   | -   |
| <i>Anisantha sterilis</i> (Barren Brome)                 | -   | -   | lf  | -   | -   |
| <i>Anthriscus sylvestris</i> (Cow Parsley)               | -   | la  | a   | lf  | -   |
| <i>Aphanes arvensis</i> (Parsley-piert)                  | -   | -   | -   | vr  | -   |
| <i>Arctium minus</i> (Lesser Burdock)                    | -   | r   | o   | -   | -   |
| <i>Arrhenatherum elatius</i> (False Oat-grass)           | -   | -   | f   | -   | -   |
| <i>Arum maculatum</i> (Lords-and-Ladies)                 | -   | r   | -   | o   | -   |
| <i>Bellis perennis</i> (Daisy)                           | -   | -   | -   | vr  | -   |
| <i>Bromopsis ramosa</i> (Hairy-brome)                    | -   | vr  | -   | -   | -   |

|                                                         |    |    |    |    |    |
|---------------------------------------------------------|----|----|----|----|----|
| <i>Brachypodium sylvaticum</i> (False Brome)            | -  | lf | lf | o  | r  |
| <i>Bromus hordeaceus</i> (Soft-brome)                   | -  | -  | -  | o  | -  |
| <i>Capsella bursa-pastoris</i> (Shepherd's-purse)       | -  | -  | -  | r  | -  |
| <i>Cardamine pratensis</i> (Cuckooflower)               | -  | r  | -  | -  | -  |
| <i>Carex divulsa</i> ssp. <i>divulsa</i> (Grey Sedge)   | -  | -  | o  | r  | -  |
| <i>Carex hirta</i> (Hairy Sedge)                        | -  | -  | -  | r  | -  |
| <i>Carex remota</i> (Remote Sedge)                      | lf | r  | o  | -  | -  |
| <i>Carex sylvatica</i> (Wood-sedge)                     | -  | r  | -  | -  | r  |
| <i>Centaureum erythraea</i> (Common Centaury)           | -  | -  | -  | -  | r  |
| <i>Cerastium fontanum</i> (Common Mouse-ear)            | -  | r  | vr | o  | vr |
| <i>Cerastium glomeratum</i> (Sticky Mouse-ear)          | r  | vr | -  | -  | -  |
| <i>Circaea lutetiana</i> (Enchanter's-nightshade)       | o  | -  | -  | -  | f  |
| <i>Cirsium arvense</i> (Creeping Thistle)               | -  | vr | -  | r  | vr |
| <i>Cirsium palustre</i> (Marsh Thistle)                 | r  | -  | -  | -  | -  |
| <i>Dactylis glomerata</i> (Cock's-foot)                 | -  | -  | f  | o  | -  |
| <i>Digitalis purpurea</i> (Foxglove)                    | o  | r  | -  | -  | -  |
| <i>Dryopteris dilatata</i> (Broad Buckler-fern)         | a  | vr | -  | -  | -  |
| <i>Dryopteris filix-mas</i> (Male-fern)                 | r  | r  | vr | -  | vr |
| <i>Elytrigia repens</i> (Common Couch)                  | -  | -  | o  | lf | -  |
| <i>Epilobium hirsutum</i> (Great Willowherb)            | -  | r  | -  | -  | -  |
| <i>Epilobium montanum</i> (Broad-leaved Willowherb)     | -  | -  | -  | -  | vr |
| <i>Epilobium</i> species (a Willowherb)                 | -  | r  | vr | -  | -  |
| <i>Epilobium tetragonum</i> (Square-stalked Willowherb) | -  | -  | -  | -  | r  |
| <i>Festuca rubra</i> (Red Fescue)                       | -  | -  | -  | o  | -  |
| <i>Ficaria verna</i> (Lesser Celandine)                 | f  | o  | r  | -  | -  |
| <i>Filipendula ulmaria</i> (Meadowsweet)                | -  | -  | -  | lf | -  |
| <i>Galium aparine</i> (Cleavers)                        | f  | lf | o  | o  | vr |
| <i>Geranium dissectum</i> (Cut-leaved Crane's-bill)     | -  | -  | -  | o  | -  |
| <i>Geranium robertianum</i> (Herb-Robert)               | o  | f  | -  | -  | -  |
| <i>Geum urbanum</i> (Wood Avens)                        | r  | o  | o  | -  | r  |
| <i>Glechoma hederacea</i> (Ground-ivy)                  | -  | lf | o  | o  | -  |
| <i>Helminthotheca echinoides</i> (Bristly Oxtongue)     | -  | -  | -  | vr | -  |
| <i>Heracleum sphondylium</i> (Hogweed)                  | -  | r  | -  | vr | -  |
| <i>Holcus lanatus</i> (Yorkshire-fog)                   | -  | -  | r  | -  | r  |
| <i>Hyacinthoides non-scripta</i> (Bluebell)             | d  | la | f  | o  | lf |
| <i>Hypericum hirsutum</i> (Hairy St John's-wort)        | -  | -  | -  | -  | -  |
| <i>Iris foetidissima</i> (Stinking Iris)                | -  | -  | -  | -  | r  |
| <i>Iris pseudacorus</i> (Yellow Iris)                   | -  | lf | -  | -  | -  |
| <i>Juncus effusus</i> (Soft-rush)                       | -  | -  | vr | -  | -  |
| <i>Lapsana communis</i> (Nipplewort)                    | -  | r  | vr | vr | -  |
| <i>Lolium perenne</i> (Perennial Rye-grass)             | -  | -  | -  | lf | -  |
| <i>Lotus pedunculatus</i> (Greater Bird's-foot-trefoil) | -  | -  | r  | -  | -  |
| <i>Lycopus europaeus</i> (Gypsywort)                    | r  | -  | -  | -  | -  |
| <i>Medicago lupulina</i> (Black Medick)                 | -  | -  | -  | r  | -  |
| <i>Mercurialis perennis</i> (Dog's Mercury)             | -  | -  | -  | lf | lf |
| <i>Moehringia trinervia</i> (Three-nerved Sandwort)     | f  | o  | -  | -  | -  |
| <i>Oenanthe crocata</i> (Hemlock Water-dropwort)        | -  | r  | -  | -  | -  |
| <i>Oxalis acetosella</i> (Wood-sorrel)                  | f  | -  | -  | -  | -  |
| <i>Plantago lanceolata</i> (Ribwort Plantain)           | -  | -  | -  | o  | -  |
| <i>Plantago major</i> (Greater Plantain)                | -  | vr | -  | o  | -  |
| <i>Poa annua</i> (Annual Meadow-grass)                  | r  | -  | r  | lf | -  |
| <i>Poa humilis</i> (Spreading Meadow-grass)             | -  | -  | -  | o  | -  |
| <i>Poa nemoralis</i> (Wood Meadow-grass)                | o  | -  | -  | -  | -  |

|                                                        |    |    |    |    |    |
|--------------------------------------------------------|----|----|----|----|----|
| <i>Poa pratensis</i> (Smooth Meadow-grass)             | -  | -  | -  | o  | -  |
| <i>Poa trivialis</i> (Rough Meadow-grass)              | f  | a  | f  | o  | f  |
| <i>Polygonum aviculare</i> (Knotgrass)                 | -  | -  | -  | r  | -  |
| <i>Polystichum setiferum</i> (Soft Shield-fern)        | -  | r  | -  | -  | -  |
| <i>Potentilla reptans</i> (Creeping Cinquefoil)        | -  | -  | -  | o  | r  |
| <i>Primula vulgaris</i> (Primrose)                     | -  | o  | vr | r  | lf |
| <i>Prunella vulgaris</i> (Selfheal)                    | r  | -  | r  | -  | r  |
| <i>Ranunculus acris</i> (Meadow Buttercup)             | -  | vr | -  | r  | vr |
| <i>Ranunculus repens</i> (Creeping Buttercup)          | lf | r  | -  | o  | r  |
| <i>Rumex sanguineus</i> (Wood Dock)                    | o  | o  | f  | o  | o  |
| <i>Schedonorus arundinaceus</i> (Tall Fescue)          | -  | -  | -  | lf | -  |
| <i>Senecio jacobaea</i> (Common Ragwort)               | -  | -  | r  | -  | vr |
| <i>Silene dioica</i> (Red Campion)                     | f  | f  | f  | -  | -  |
| <i>Sisymbrium officinale</i> (Hedge Mustard)           | -  | -  | -  | vr | -  |
| <i>Solanum dulcamara</i> (Bittersweet)                 | -  | r  | r  | -  | -  |
| <i>Sonchus oleraceus</i> (Smooth Sow-thistle)          | -  | -  | -  | r  | -  |
| <i>Stachys sylvatica</i> (Hedge Woundwort)             | -  | -  | r  | -  | -  |
| <i>Stellaria holostea</i> (Greater Stitchwort)         | lf | r  | f  | lf | -  |
| <i>Stellaria media</i> (Common Chickweed)              | r  | r  | -  | -  | -  |
| <i>Tamus communis</i> (Black Bryony)                   | -  | r  | -  | r  | vr |
| <i>Taraxacum sect. Ruderalia</i> (Common Dandelion)    | -  | -  | vr | vr | -  |
| <i>Trifolium dubium</i> (Lesser Trefoil)               | -  | -  | vr | vr | -  |
| <i>Trifolium pratense</i> (Red Clover)                 | -  | -  | -  | r  | -  |
| <i>Trifolium repens</i> (White Clover)                 | -  | -  | r  | -  | -  |
| <i>Tripleurospermum inodorum</i> (Scentless Mayweed)   | -  | -  | -  | vr | -  |
| <i>Urtica dioica</i> (Common Nettle)                   | o  | la | o  | f  | lf |
| <i>Veronica chamaedrys</i> (Germander Speedwell)       | -  | -  | r  | o  | -  |
| <i>Veronica persica</i> (Common Field-speedwell)       | -  | -  | -  | vr | -  |
| <i>Veronica serpyllifolia</i> (Thyme-leaved Speedwell) | -  | -  | vr | -  | r  |
| <i>Vicia sativa</i> (Common Vetch)                     | -  | -  | r  | lf | -  |
| <i>Vicia sepium</i> (Bush Vetch)                       | -  | -  | r  | r  | -  |
| <i>Vicia tetrasperma</i> (Smooth Tare)                 | -  | -  | vr | lf | -  |
| <i>Viola reichenbachiana</i> (Early Dog-violet)        | -  | r  | -  | -  | -  |
| <i>Viola riviniana</i> (Common Dog-violet)             | -  | r  | -  | -  | o  |
| c) Bryophytes and lichens                              |    |    |    |    |    |
| <i>Amblystegium serpens</i>                            | -  | -  | -  | -  | r  |
| <i>Atrichum undulatum</i>                              | -  | r  | -  | -  | r  |
| <i>Brachythecium rutabulum</i>                         | o  | o  | o  | -  | f  |
| <i>Brachythecium velutinum</i>                         | -  | lf | -  | o  | -  |
| <i>Dicranella schreberiana</i>                         | -  | -  | -  | -  | vr |
| Epiphytic lichens                                      | -  | -  | -  | -  | f  |
| <i>Fissidens bryoides</i>                              | -  | -  | -  | -  | f  |
| <i>Fissidens incurvus</i>                              | -  | r  | -  | -  | -  |
| <i>Fissidens taxifolius</i>                            | -  | -  | -  | -  | r  |
| <i>Frullania dilitata</i>                              | -  | -  | -  | -  | r  |
| <i>Hypnum andoii</i>                                   | -  | -  | -  | -  | a  |
| <i>Hypnum cupressiforme</i>                            | -  | o  | o  | -  | o  |
| <i>Isothecium cf. myosuroides</i>                      | o  | -  | -  | -  | -  |
| <i>Kindbergia praelonga</i>                            | -  | f  | o  | -  | a  |
| <i>Leptodictyum riparium</i>                           | -  | -  | -  | -  | r  |
| <i>Lophocolea bidentata</i>                            | -  | -  | -  | -  | o  |
| <i>Metzgeria temperata</i>                             | -  | -  | -  | -  | vr |

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|                                 |   |    |   |   |   |
|---------------------------------|---|----|---|---|---|
| <i>Metzgeria furcata</i>        | - | r  | - | - | r |
| <i>Mnium hornum</i>             | f | f  | - | - | - |
| <i>Orthotrichum affine</i>      | - | vr | - | - | r |
| <i>Pellia</i> species           | r | -  | - | - | - |
| <i>Plagiomnium undulatum</i>    | - | o  | - | - | - |
| <i>Rhynchostegium confertum</i> | - | -  | - | - | r |

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Table 9.19. Plant species recorded from rivers. Column 1 – Target Note 187; column 2 – Herring Stream at Target Note 222; column 3 – Target Note 246.

| Species                                              | 187 | 222 | 246 |
|------------------------------------------------------|-----|-----|-----|
| a) Trees, shrubs and climbers                        |     |     |     |
| <i>Alnus glutinosa</i> (Alder)                       | o   | -   | -   |
| <i>Crataegus monogyna</i> (Hawthorn)                 | o   | -   | Vr  |
| <i>Prunus spinosa</i> (Blackthorn)                   | ld  | -   | Vr  |
| <i>Rosa canina</i> (Dog-rose)                        | o   | vr  | -   |
| <i>Rubus fruticosus</i> agg. (Bramble)               | lf  | r   | r   |
| <i>Salix cinerea</i> (Grey Willow)                   | -   | -   | r   |
| <i>Salix</i> cf. <i>fragilis</i> (Crack-willow)      | -   | -   | r   |
| <i>Salix viminalis</i> (Osier)                       | vr  | -   | -   |
| b) Herbs and ferns                                   |     |     |     |
| <i>Achillea millefolium</i> (Yarrow)                 | r   | -   | -   |
| <i>Agrostis stolonifera</i> (Creeping Bent)          | r   | -   | o   |
| <i>Alisma plantago-aquatica</i> (Water-plantain)     | -   | -   | r   |
| <i>Alliaria petiolata</i> (Garlic Mustard)           | r   | -   | o   |
| <i>Alopecurus geniculatus</i> (Marsh Foxtail)        | -   | -   | r   |
| <i>Alopecurus pratensis</i> (Meadow Foxtail)         | ld  | -   | ld  |
| <i>Angelica sylvestris</i> (Wild Angelica)           | -   | o   | -   |
| <i>Anisantha sterilis</i> (Barren Brome)             | r   | -   | -   |
| <i>Anthriscus sylvestris</i> (Cow Parsley)           | o   | o   | f   |
| <i>Apium nodiflorum</i> (Fool's Water-cress)         | -   | -   | r   |
| <i>Arctium minus</i> agg. (Lesser Burdock)           | vr  | vr  | -   |
| <i>Arrhenatherum elatius</i> (False Oat-grass)       | lf  | lf  | o   |
| <i>Artemisia vulgaris</i> (Mugwort)                  | -   | vr  | r   |
| <i>Atriplex prostrata</i> (Spear-leaved Orache)      | -   | r   | r   |
| <i>Barbarea vulgaris</i> (Winter-cress)              | -   | -   | r   |
| <i>Bidens tripartita</i> (Trifid Bur-marigold)       | -   | -   | r   |
| <i>Brassica nigra</i> (Black Mustard)                | -   | f   | a   |
| <i>Callitriche stagnalis</i> (Common Water-starwort) | -   | -   | vr  |
| <i>Calystegia sepium</i> (Hedge Bindweed)            | f   | f   | f   |
| <i>Cardamine flexuosa</i> (Wavy Bitter-cress)        | r   | -   | r   |
| <i>Cardamine pratensis</i> (Cuckooflower)            | r   | -   | -   |
| <i>Carex hirta</i> (Hairy Sedge)                     | r   | -   | -   |
| <i>Carex riparia</i> (Greater Pond-sedge)            | -   | vlf | -   |
| <i>Cerastium fontanum</i> (Common Mouse-ear)         | r   | -   | -   |
| <i>Cirsium arvense</i> (Creeping Thistle)            | -   | o   | r   |
| <i>Convolvulus arvensis</i> (Field Bindweed)         | r   | -   | -   |
| <i>Crepis vesicaria</i> (Beaked Hawk's-beard)        | r   | -   | -   |
| <i>Dactylis glomerata</i> (Cock's-foot)              | r   | -   | r   |
| <i>Dipsacus fullonum</i> (Teasel)                    | o   | r   | r   |
| <i>Elytrigia repens</i> (Common Couch)               | -   | -   | r   |
| <i>Epilobium hirsutum</i> (Great Willowherb)         | f   | r   | o   |
| <i>Epilobium</i> species (a Willowherb)              | -   | -   | vr  |
| <i>Festuca rubra</i> (Red Fescue)                    | r   | -   | -   |
| <i>Filipendula ulmaria</i> (Meadowsweet)             | o   | vr  | -   |
| <i>Galeopsis tetrahit</i> (Common Hemp-nettle)       | -   | r   | -   |
| <i>Galium aparine</i> (Cleavers)                     | o   | f   | f   |
| <i>Geranium dissectum</i> (Cut-leaved Crane's-bill)  | o   | -   | -   |
| <i>Glechoma hederacea</i> (Ground-ivy)               | r   | -   | -   |

|                                                            |    |    |    |
|------------------------------------------------------------|----|----|----|
| <i>Glyceria maxima</i> (Reed Sweet-grass)                  | -  | -  | r  |
| <i>Helminthotheca echinoides</i> (Bristly Oxtongue)        | r  | -  | -  |
| <i>Heracleum sphondylium</i> (Hogweed)                     | o  | o  | o  |
| <i>Holcus lanatus</i> (Yorkshire-fog)                      | o  | -  | -  |
| <i>Impatiens glandulifera</i> (Indian Balsam)              | -  | lf | -  |
| <i>Juncus articulatus</i> (Jointed Rush)                   | vr | -  | -  |
| <i>Juncus bufonius</i> (Toad Rush)                         | -  | -  | r  |
| <i>Juncus effusus</i> (Soft-rush)                          | -  | -  | r  |
| <i>Juncus inflexus</i> (Hard Rush)                         | o  | -  | -  |
| <i>Lamium album</i> (White Dead-nettle)                    | vr | -  | -  |
| <i>Lapsana communis</i> (Nipplewort)                       | r  | -  | -  |
| <i>Lathyrus pratensis</i> (Meadow Vetchling)               | lf | -  | -  |
| <i>Lemna minor</i> (Common Duckweed)                       | -  | -  | o  |
| <i>Lotus pedunculatus</i> (Greater Bird's-foot-trefoil)    | r  | -  | -  |
| <i>Lycopus europaeus</i> (Gypsywort)                       | o  | -  | o  |
| <i>Lysimachia vulgaris</i> (Yellow Loosestrife)            | r  | -  | -  |
| <i>Lythrum salicaria</i> (Purple-loosestrife)              | -  | -  | r  |
| <i>Mentha aquatica</i> (Water Mint)                        | lf | -  | -  |
| <i>Myosoton aquaticum</i> (Water Chickweed)                | o  | -  | r  |
| <i>Nasturtium</i> species (a Water-cress)                  | -  | -  | r  |
| <i>Nuphar lutea</i> (Yellow Water-lily)                    | -  | a  | f  |
| <i>Oenanthe crocata</i> (Hemlock Water-dropwort)           | la | f  | o  |
| <i>Persicaria amphibia</i> (Amphibious Bistort)            | -  | o  | -  |
| <i>Persicaria campanulata</i> (Lesser Knotweed)            | -  | -  | +  |
| <i>Persicaria hydropiper</i> (Water-pepper)                | -  | -  | f  |
| <i>Persicaria maculosa</i> (Redshank)                      | -  | r  | o  |
| <i>Phalaris arundinacea</i> (Reed Canary-grass)            | ld | ld | ld |
| <i>Phragmites australis</i> (Common Reed)                  | -  | ld | -  |
| <i>Poa trivialis</i> (Rough Meadow-grass)                  | f  | lf | f  |
| <i>Pulicaria dysenterica</i> (Common Fleabane)             | r  | -  | -  |
| <i>Ranunculus repens</i> (Creeping Buttercup)              | r  | -  | r  |
| <i>Rumex conglomeratus</i> (Clustered Dock)                | f  | -  | -  |
| <i>Rumex crispus</i> (Curled Dock)                         | -  | vr | -  |
| <i>Rumex cf. sanguineus</i> (Wood Dock)                    | -  | r  | o  |
| <i>Rumex obtusifolius</i> (Broad-leaved Dock)              | o  | -  | f  |
| <i>Sagittaria sagittifolia</i> (Arrowhead)                 | -  | lf | -  |
| <i>Scirpus sylvaticus</i> (Wood Club-rush)                 | lf | o  | -  |
| <i>Scrophularia auriculata</i> (Water Figwort)             | r  | -  | -  |
| <i>Sinapis arvensis</i> (Charlock)                         | -  | f  | o  |
| <i>Solanum dulcamara</i> (Bittersweet)                     | -  | r  | vr |
| <i>Sonchus asper</i> (Prickly Sow-thistle)                 | r  | -  | -  |
| <i>Sonchus oleraceus</i> (Smooth Sow-thistle)              | r  | -  | -  |
| <i>Sparganium erectum</i> (Branched Bur-reed)              | ld | ld | a  |
| <i>Taraxacum</i> sect. <i>Ruderalia</i> (Common Dandelion) | -  | -  | vr |
| <i>Trifolium dubium</i> (Lesser Trefoil)                   | vr | -  | -  |
| <i>Trifolium repens</i> (White Clover)                     | -  | -  | r  |
| <i>Tripleurospermum inodorum</i> (Scentless Mayweed)       | -  | -  | r  |
| <i>Urtica dioica</i> (Common Nettle)                       | f  | a  | a  |
| <i>Vicia cracca</i> (Tufted Vetch)                         | o  | -  | -  |
| <i>Vicia sativa</i> (Common Vetch)                         | r  | -  | -  |

Table 9.20. Plant species recorded from woodlands. Column 1 – Target Note 297; column 2 – Target Note 299; column 3 – Target Note 301; column 4 – Target Note 302.

| Species                                                  | 297 | 299 | 301 | 302 |
|----------------------------------------------------------|-----|-----|-----|-----|
| a) Trees, shrubs and climbers                            |     |     |     |     |
| <i>Acer campestre</i> (Field Maple)                      | -   | -   | o   | vr  |
| <i>Acer campestre</i> (Field Maple), seedling            | -   | -   | f   | -   |
| <i>Acer pseudoplatanus</i> (Sycamore)                    | -   | -   | -   | r   |
| <i>Aesculus hippocastanum</i> (Horse-chestnut)           | r   | -   | -   | -   |
| <i>Aesculus hippocastanum</i> (Horse-chestnut), seedling | r   | -   | -   | -   |
| <i>Carpinus betulus</i> (Hornbeam)                       | r   | -   | -   | -   |
| <i>Carpinus betulus</i> (Hornbeam), seedling             | vr  | -   | -   | -   |
| <i>Cornus sanguinea</i> (Dogwood), seedling              | vr  | -   | -   | -   |
| <i>Corylus avellana</i> (Hazel)                          | r   | la  | d   | lf  |
| <i>Crataegus monogyna</i> (Hawthorn)                     | o   | o   | -   | la  |
| <i>Euonymus europaeus</i> (Spindle)                      | o   | -   | -   | vr  |
| <i>Euonymus europaeus</i> (Spindle), seedling            | -   | r   | -   | -   |
| <i>Fagus sylvatica</i> (Beech)                           | -   | -   | -   | r   |
| <i>Fraxinus excelsior</i> (Ash)                          | r   | o   | -   | r   |
| <i>Fraxinus excelsior</i> (Ash), seedling                | r   | -   | -   | r   |
| <i>Hedera helix</i> (Ivy)                                | la  | r   | -   | -   |
| <i>Ilex aquifolium</i> (Holly)                           | -   | r   | -   | vr  |
| <i>Ligustrum vulgare</i> (Wild Privet)                   | o   | r   | -   | -   |
| <i>Ligustrum vulgare</i> (Wild Privet), seedling         | o   | -   | -   | -   |
| <i>Lonicera periclymenum</i> (Honeysuckle)               | r   | r   | -   | r   |
| <i>Malus sylvestris</i> (Crab Apple)                     | -   | -   | -   | vr  |
| <i>Prunus spinosa</i> (Blackthorn)                       | o   | la  | lf  | la  |
| <i>Prunus spinosa</i> (Blackthorn), seedling             | o   | -   | lf  | lf  |
| <i>Quercus robur</i> (Pedunculate Oak)                   | a   | ld  | ld  | d   |
| <i>Rosa canina</i> (Dog-rose)                            | f   | o   | r   | -   |
| <i>Rubus fruticosus</i> agg. (Bramble)                   | f   | f   | ld  | a   |
| <i>Salix caprea</i> (Goat Willow)                        | -   | la  | -   | -   |
| <i>Salix cinerea</i> (Grey Willow)                       | -   | la  | -   | vla |
| <i>Salix fragilis</i> (Crack-willow)                     | vr  | -   | -   | -   |
| <i>Sambucus nigra</i> (Elder)                            | -   | o   | o   | f   |
| <i>Sambucus nigra</i> (Elder), seedling                  | -   | r   | f   | -   |
| <i>Taxus baccata</i> (Yew)                               | -   | -   | -   | vr  |
| b) Herbs and ferns                                       |     |     |     |     |
| <i>Agrostis stolonifera</i> (Creeping Bent)              | -   | o   | o   | o   |
| <i>Ajuga reptans</i> (Bugle)                             | r   | r   | -   | r   |
| <i>Alliaria petiolata</i> (Garlic Mustard)               | f   | -   | -   | -   |
| <i>Angelica sylvestris</i> (Wild Angelica)               | -   | vr  | -   | -   |
| <i>Aquilegia vulgaris</i> (Columbine)                    | -   | -   | -   | vr  |
| <i>Arctium minus</i> (Lesser Burdock)                    | -   | r   | -   | r   |
| <i>Arrhenatherum elatius</i> (False Oat-grass)           | r   | -   | -   | lf  |
| <i>Arum maculatum</i> (Lords-and-Ladies)                 | r   | r   | -   | o   |
| <i>Brachypodium sylvaticum</i> (False Brome)             | o   | o   | -   | -   |
| <i>Callitriche stagnalis</i> (Common Water-starwort)     | -   | -   | -   | vr  |
| <i>Calystegia sepium</i> (Hedge Bindweed)                | -   | vr  | -   | -   |
| <i>Campanula persicifolia</i> (Peach-leaved Bellflower)  | -   | -   | -   | vr  |
| <i>Cardamine flexuosa</i> (Wavy Bitter-cress)            | -   | -   | -   | r   |
| <i>Cardamine pratensis</i> (Cuckooflower)                | -   | r   | -   | -   |
| <i>Carex pendula</i> (Pendulous Sedge)                   | -   | -   | -   | vr  |

|                                                        |    |    |    |     |
|--------------------------------------------------------|----|----|----|-----|
| <i>Carex remota</i> (Remote Sedge)                     | o  | f  | -  | -   |
| <i>Carex sylvatica</i> (Wood-sedge)                    | r  | r  | -  | r   |
| <i>Cerastium fontanum</i> (Common Mouse-ear)           | -  | -  | r  | -   |
| <i>Chaerophyllum temulum</i> (Rough Chervil)           | r  | -  | -  | -   |
| <i>Circaea lutetiana</i> (Enchanter's-nightshade)      | -  | o  | r  | lf  |
| <i>Cirsium arvense</i> (Creeping Thistle)              | -  | vr | -  | -   |
| <i>Cirsium palustre</i> (Marsh Thistle)                | -  | -  | -  | vr  |
| <i>Cirsium vulgare</i> (Spear Thistle)                 | -  | vr | -  | -   |
| <i>Dactylis glomerata</i> (Cock's-foot)                | r  | vr | -  | r   |
| <i>Digitalis purpurea</i> (Foxglove)                   | -  | lf | f  | r   |
| <i>Dryopteris dilatata</i> (Broad Buckler-fern)        | vr | vr | r  | r   |
| <i>Dryopteris filix-mas</i> (Male-fern)                | -  | vr | r  | r   |
| <i>Epilobium parviflorum</i> (Hoary Willowherb)        | -  | -  | -  | vr  |
| <i>Epilobium</i> species (a Willowherb)                | -  | vr | -  | -   |
| <i>Galeopsis tetrahit</i> (Common Hemp-nettle)         | -  | vr | -  | -   |
| <i>Galium aparine</i> (Cleavers)                       | -  | o  | r  | -   |
| <i>Galium palustre</i> (Common Marsh-bedstraw)         | r  | lf | -  | vr  |
| <i>Geranium robertianum</i> (Herb-Robert)              | r  | -  | -  | r   |
| <i>Geum urbanum</i> (Wood Avens)                       | r  | lf | r  | o   |
| <i>Glechoma hederacea</i> (Ground-ivy)                 | la | o  | lf | f   |
| <i>Heracleum sphondylium</i> (Hogweed)                 | -  | vr | -  | -   |
| <i>Holcus lanatus</i> (Yorkshire-fog)                  | -  | o  | f  | lf  |
| <i>Holcus mollis</i> (Creeping Soft-grass)             | -  | -  | o  | -   |
| <i>Humulus lupulus</i> (Hop)                           | -  | -  | r  | -   |
| <i>Hyacinthoides non-scripta</i> (Bluebell)            | r  | ld | d  | ld  |
| <i>Iris pseudacorus</i> (Yellow Iris)                  | -  | r  | -  | -   |
| <i>Juncus effusus</i> (Soft-rush)                      | -  | r  | -  | r   |
| <i>Lamium galeobdolon</i> (Yellow Archangel)           | -  | -  | r  | -   |
| <i>Lapsana communis</i> (Nipplewort)                   | -  | -  | -  | o   |
| <i>Lycopus europaeus</i> (Gypsywort)                   | -  | r  | -  | -   |
| <i>Mentha aquatica</i> (Water Mint)                    | -  | r  | -  | -   |
| <i>Mentha cf. arvensis</i> (Corn Mint)                 | -  | -  | -  | vr  |
| <i>Mercurialis perennis</i> (Dog's Mercury)            | f  | la | -  | lf  |
| <i>Moehringia trinervia</i> (Three-nerved Sandwort)    | -  | r  | o  | vr  |
| <i>Myosotis arvensis</i> (Field Forget-me-not)         | -  | -  | -  | vr  |
| <i>Nasturtium officinale</i> (Water-cress)             | -  | r  | -  | -   |
| <i>Oenanthe crocata</i> (Hemlock Water-dropwort)       | -  | o  | -  | -   |
| <i>Persicaria hydropiper</i> (Water-pepper)            | -  | r  | -  | -   |
| <i>Plantago major</i> (Greater Plantain)               | -  | -  | -  | vr  |
| <i>Poa annua</i> (Annual Meadow-grass)                 | -  | -  | r  | r   |
| <i>Poa trivialis</i> (Rough Meadow-grass)              | -  | f  | f  | f   |
| <i>Primula vulgaris</i> (Primrose)                     | -  | r  | r  | o   |
| <i>Prunella vulgaris</i> (Selfheal)                    | r  | o  | r  | -   |
| <i>Pteridium aquilinum</i> (Bracken)                   | -  | r  | la | vla |
| <i>Ranunculus acris</i> (Meadow Buttercup)             | -  | r  | r  | vr  |
| <i>Ranunculus repens</i> (Creeping Buttercup)          | -  | o  | r  | vr  |
| <i>Ranunculus sceleratus</i> (Celery-leaved Buttercup) | -  | vr | -  | -   |
| <i>Rumex sanguineus</i> (Wood Dock)                    | o  | f  | r  | f   |
| <i>Schedonorus giganteus</i> (Giant Fescue)            | -  | o  | -  | -   |
| <i>Scrophularia nodosa</i> (Common Figwort)            | -  | -  | -  | r   |
| <i>Silene dioica</i> (Red Campion)                     | -  | -  | -  | o   |
| <i>Solanum dulcamara</i> (Bittersweet)                 | vr | r  | -  | vr  |
| <i>Sonchus asper</i> (Prickly Sow-thistle)             | r  | -  | -  | -   |
| <i>Stachys sylvatica</i> (Hedge Woundwort)             | r  | r  | -  | r   |
| <i>Stellaria holostea</i> (Greater Stitchwort)         | -  | -  | -  | lf  |
| <i>Stellaria media</i> (Common Chickweed)              | -  | o  | o  | -   |

|                                                         |   |    |    |    |
|---------------------------------------------------------|---|----|----|----|
| <i>Tamus communis</i> (Black Bryony)                    | r | o  | -  | r  |
| <i>Taraxacum</i> agg. (Dandelion)                       | - | -  | r  | -  |
| <i>Torilis japonica</i> (Upright Hedge-parsley)         | r | -  | -  | -  |
| <i>Urtica dioica</i> (Common Nettle)                    | f | d  | o  | f  |
| <i>Veronica chamaedrys</i> (Germander Speedwell)        | - | vr | -  | -  |
| <i>Veronica montana</i> (Wood Speedwell)                | - | -  | -  | o  |
| <i>Vicia sepium</i> (Bush Vetch)                        | - | -  | -  | r  |
| <i>Viola riviniana</i> (Common Dog-violet)              | o | o  | -  | -  |
| c) Bryophytes and lichens                               |   |    |    |    |
| <i>Atrichum undulatum</i>                               | - | lf | -  | lf |
| <i>Brachythecium rutabulum</i>                          | o | f  | o  | f  |
| <i>Bryum</i> cf. <i>capillare</i>                       | - | -  | vr | -  |
| <i>Cladonia coniocraea</i>                              | - | -  | -  | vr |
| <i>Cryphaea heteromalla</i>                             | - | -  | -  | r  |
| <i>Dicranella heteromalla</i>                           | - | -  | r  | r  |
| <i>Fissidens bryoides</i>                               | - | r  | -  | -  |
| <i>Fissidens</i> species                                | r | -  | -  | -  |
| <i>Flavoparmelia caperata</i>                           | - | r  | -  | lf |
| <i>Frullania dilatata</i>                               | - | -  | -  | vr |
| <i>Hypnum andoi</i>                                     | o | f  | r  | f  |
| <i>Hypnum cupressiforme</i>                             | - | o  | o  | lf |
| <i>Hypnum cupressiforme</i> var. cf. <i>resupinatum</i> | - | -  | -  | r  |
| <i>Isothecium myosuroides</i>                           | r | o  | -  | lf |
| <i>Kinbergia praelonga</i>                              | f | o  | a  | f  |
| <i>Lecanora expallens</i>                               | - | -  | -  | r  |
| <i>Lecidea syncarpa</i>                                 | - | r  | -  | -  |
| <i>Lecidella elaeochroma</i>                            | - | o  | r  | r  |
| <i>Lepraria</i> species                                 | - | r  | -  | r  |
| <i>Lunularia cruciata</i>                               | - | r  | -  | -  |
| <i>Melanelia subaurifera</i>                            | - | -  | -  | r  |
| <i>Metzgeria violacea</i>                               | - | -  | -  | r  |
| <i>Metzgeria furcata</i>                                | - | r  | -  | r  |
| <i>Mnium hornum</i>                                     | - | f  | o  | lf |
| <i>Orthotrichum affine</i>                              | - | o  | r  | lf |
| <i>Parmelia sulcata</i>                                 | - | o  | -  | -  |
| <i>Pamotrema</i> cf. <i>perlatus</i>                    | - | o  | -  | lf |
| <i>Physcia adscendens</i>                               | - | f  | r  | lf |
| <i>Physcia tenella</i>                                  | - | -  | -  | lf |
| <i>Plagiomnium undulatum</i>                            | - | lf | -  | r  |
| <i>Pseudotaxiphyllum</i> cf. <i>species</i>             | - | -  | o  | -  |
| <i>Punctelia subrudecta</i>                             | - | f  | -  | f  |
| <i>Radula</i> species                                   | - | -  | -  | vr |
| <i>Ramalina farinacea</i>                               | - | o  | -  | r  |
| <i>Rhynchostegium</i> species                           | - | o  | o  | -  |
| <i>Ulotia crispa</i>                                    | - | -  | -  | vr |
| <i>Xanthoria</i> cf. <i>polycarpa</i>                   | - | -  | r  | -  |
| <i>Xanthoria parietina</i>                              | - | o  | o  | o  |

Table 9.21. Plant species recorded from a stream and a ditch. Column 1 – ditch at Target Note 308; column 2 – stream at Target Note 313.

| Species                                            | 308 | 313 |
|----------------------------------------------------|-----|-----|
| a) Trees, shrubs and climbers                      |     |     |
| <i>Acer campestre</i> (Field Maple)                | -   | vr  |
| <i>Crataegus monogyna</i> (Hawthorn)               | -   | r   |
| <i>Fraxinus excelsior</i> (Ash)                    | -   | vr  |
| <i>Humulus lupulus</i> (Hop)                       | -   | r   |
| <i>Prunus spinosa</i> (Blackthorn)                 | -   | la  |
| <i>Quercus robur</i> (Pedunculate Oak)             | -   | r   |
| <i>Rosa canina</i> (Dog-rose)                      | -   | r   |
| <i>Rubus fruticosus</i> agg. (Bramble)             | r   | r   |
| <i>Salix cinerea</i> (Grey Willow)                 | -   | r   |
| <i>Salix fragilis</i> (Crack-willow)               | -   | r   |
| b) Herbs and ferns                                 |     |     |
| <i>Achillea millefolium</i> (Yarrow)               | o   | -   |
| <i>Agrostis stolonifera</i> (Creeping Bent)        | o   | -   |
| <i>Alliaria petiolata</i> (Garlic Mustard)         | -   | r   |
| <i>Alopecurus pratensis</i> (Meadow Foxtail)       | f   | o   |
| <i>Anthriscus sylvestris</i> (Cow Parsley)         | r   | r   |
| <i>Arctium minus</i> agg. (Lesser Burdock)         | -   | r   |
| <i>Arrhenatherum elatius</i> (False Oat-grass)     | f   | f   |
| <i>Atriplex prostrata</i> (Spear-leaved Orache)    | o   | -   |
| <i>Barbarea vulgaris</i> (Winter-cress)            | -   | vr  |
| <i>Calystegia sepium</i> (Hedge Bindweed)          | r   | f   |
| <i>Cardamine pratensis</i> (Cuckooflower)          | r   | -   |
| <i>Carex hirta</i> (Hairy Sedge)                   | r   | -   |
| <i>Cerastium fontanum</i> (Common Mouse-ear)       | r   | -   |
| <i>Chaerophyllum temulum</i> (Rough Chervil)       | -   | o   |
| <i>Cirsium arvense</i> (Creeping Thistle)          | o   | o   |
| <i>Conium maculatum</i> (Hemlock)                  | -   | la  |
| <i>Dactylis glomerata</i> (Cock's-foot)            | -   | r   |
| <i>Dipsacus fullonum</i> (Teasel)                  | vr  | -   |
| <i>Elytrigia repens</i> (Common Couch)             | f   | f   |
| <i>Filipendula ulmaria</i> (Meadowsweet)           | -   | f   |
| <i>Galium aparine</i> (Cleavers)                   | -   | f   |
| <i>Glyceria fluitans</i> (Floating Sweet-grass)    | o   | -   |
| <i>Helminthotheca echioides</i> (Bristly Oxtongue) | vr  | -   |
| <i>Heracleum sphondylium</i> (Hogweed)             | r   | -   |
| <i>Hordeum secalinum</i> (Meadow Barley)           | r   | -   |
| <i>Iris pseudacorus</i> (Yellow Iris)              | -   | o   |
| <i>Juncus effusus</i> (Soft-rush)                  | o   | -   |
| <i>Juncus inflexus</i> (Hard Rush)                 | f   | -   |
| <i>Lapsana communis</i> (Nipplewort)               | -   | o   |
| <i>Lycopus europaeus</i> (Gypsywort)               | o   | o   |
| <i>Lysimachia nummularia</i> (Creeping-Jenny)      | r   | -   |
| <i>Medicago lupulina</i> (Black Medick)            | vr  | -   |
| <i>Mentha aquatica</i> (Water Mint)                | a   | r   |
| <i>Myosoton aquaticum</i> (Water Chickweed)        | -   | vr  |
| <i>Odontites vernus</i> (Red Bartsia)              | vr  | -   |
| <i>Oenanthe crocata</i> (Hemlock Water-dropwort)   | o   | f   |

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|                                                 |    |    |
|-------------------------------------------------|----|----|
| <i>Persicaria amphibia</i> (Amphibious Bistort) | o  | o  |
| <i>Phalaris arundinacea</i> (Reed Canary-grass) | f  | a  |
| <i>Poa trivialis</i> (Rough Meadow-grass)       | o  | -  |
| <i>Potentilla anserina</i> (Silverweed)         | o  | -  |
| <i>Potentilla reptans</i> (Creeping Cinquefoil) | r  | -  |
| <i>Ranunculus repens</i> (Creeping Buttercup)   | o  | -  |
| <i>Rumex conglomeratus</i> (Clustered Dock)     | o  | o  |
| <i>Rumex obtusifolius</i> (Broad-leaved Dock)   | o  | -  |
| <i>Schedonorus arundinaceus</i> (Tall Fescue)   | r  | -  |
| <i>Silaum silaus</i> (Pepper-saxifrage)         | f  | vr |
| <i>Sison amomum</i> (Stone Parsley)             | r  | -  |
| <i>Solanum dulcamara</i> (Bittersweet)          | -  | o  |
| <i>Torilis japonica</i> (Upright Hedge-parsley) | -  | r  |
| <i>Typha latifolia</i> (Bulrush)                | -  | r  |
| <i>Urtica dioica</i> (Common Nettle)            | o  | la |
| <i>Vicia cracca</i> (Tufted Vetch)              | r  | r  |
| <i>Vicia tetrasperma</i> (Smooth Tare)          | vr | -  |

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**10. HEDGEROW TABLES**

| Hedge Number:                                                                                                                                                                                                                                                                                                                                                                                    | 37                                                |                          |   |   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|--------------------------|---|---|
| STATUS:                                                                                                                                                                                                                                                                                                                                                                                          | Not Important                                     |                          |   |   |
| SCHEDULE 3 WOODY SPECIES                                                                                                                                                                                                                                                                                                                                                                         | In whole hedge                                    | In 30 m sample stretches |   |   |
|                                                                                                                                                                                                                                                                                                                                                                                                  |                                                   | XPt                      | 2 | 3 |
| <i>Crataegus monogyna</i> (Hawthorn)                                                                                                                                                                                                                                                                                                                                                             | ✓                                                 | ✓(95%)                   | ✓ | - |
| <i>Prunus spinosa</i> (Blackthorn)                                                                                                                                                                                                                                                                                                                                                               | ✓                                                 | -                        | - | - |
| <i>Sambucus nigra</i> (Elder)                                                                                                                                                                                                                                                                                                                                                                    | ✓                                                 | ✓(5%)                    | ✓ | - |
| <i>Ulex europaeus</i> (Gorse)                                                                                                                                                                                                                                                                                                                                                                    | ✓                                                 | -                        | - | - |
| <i>Ulmus procera</i> (English Elm)                                                                                                                                                                                                                                                                                                                                                               | ✓                                                 | -                        | - | - |
| Total - Schedule 3 species:                                                                                                                                                                                                                                                                                                                                                                      | 5                                                 | 2                        | 2 | 0 |
| OTHER WOODY SPECIES                                                                                                                                                                                                                                                                                                                                                                              |                                                   |                          |   |   |
| None                                                                                                                                                                                                                                                                                                                                                                                             | -                                                 | -                        | - | - |
| Total - All Woody Species:                                                                                                                                                                                                                                                                                                                                                                       | 5                                                 | 2                        | 2 | 0 |
| FEATURES                                                                                                                                                                                                                                                                                                                                                                                         |                                                   |                          |   |   |
| Supporting bank or wall:                                                                                                                                                                                                                                                                                                                                                                         | -                                                 |                          |   |   |
| Less than 10% gaps:                                                                                                                                                                                                                                                                                                                                                                              | ✓                                                 |                          |   |   |
| Standard trees:                                                                                                                                                                                                                                                                                                                                                                                  | -                                                 |                          |   |   |
| Ditch for >50% of hedgerow length:                                                                                                                                                                                                                                                                                                                                                               | -                                                 |                          |   |   |
| Parallel hedge within 15m:                                                                                                                                                                                                                                                                                                                                                                       | -                                                 |                          |   |   |
| Four or more connection points:                                                                                                                                                                                                                                                                                                                                                                  | -(2)                                              |                          |   |   |
| Connections:                                                                                                                                                                                                                                                                                                                                                                                     | 2 hedge(s), 0 ponds(s) and 0 wood(s) = (2) points |                          |   |   |
| Three or more Schedule 2 species:                                                                                                                                                                                                                                                                                                                                                                | -(0)                                              |                          |   |   |
| Schedule 2 Species:                                                                                                                                                                                                                                                                                                                                                                              | None                                              |                          |   |   |
| PHASE 1 DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                              |                                                   |                          |   |   |
| A field hedge about 2.5 m high and 4 m wide, it is infrequently trimmed and quite dense, though dominated by <i>Crataegus monogyna</i> (Hawthorn) with only small amounts of <i>Sambucus nigra</i> (Elder) and <i>Ulmus procera</i> (English Elm). The field-layer comprises a strip of <b>MG1</b> along the arable field margin with <i>Urtica dioica</i> (Common Nettle) underneath the hedge. |                                                   |                          |   |   |
| CONCLUSION                                                                                                                                                                                                                                                                                                                                                                                       |                                                   |                          |   |   |
| Average Number of Schedule 3 Species per 30m Stretch:                                                                                                                                                                                                                                                                                                                                            | 2                                                 |                          |   |   |
| Number of Features:                                                                                                                                                                                                                                                                                                                                                                              | 1                                                 |                          |   |   |
| Special Qualifying Species:                                                                                                                                                                                                                                                                                                                                                                      | 0                                                 |                          |   |   |
| Threshold Altering Factors:                                                                                                                                                                                                                                                                                                                                                                      | 0                                                 |                          |   |   |

| Hedge Number:                                                         | 38                |                             |   |   |  |
|-----------------------------------------------------------------------|-------------------|-----------------------------|---|---|--|
| STATUS:                                                               | Not Important     |                             |   |   |  |
| SCHEDULE 3 WOODY SPECIES                                              | In whole<br>hedge | In 30 m sample<br>stretches |   |   |  |
|                                                                       |                   | XPt                         | 2 | 3 |  |
| <i>Crataegus monogyna</i> (Hawthorn)                                  | ✓                 | ✓(5%)                       | ✓ | - |  |
| <i>Ulmus procera</i> (English Elm)                                    | ✓                 | ✓(95%)                      | ✓ | - |  |
| <i>Total - Schedule 3 species:</i>                                    | 2                 | 2                           | 2 | 0 |  |
| OTHER WOODY SPECIES                                                   |                   |                             |   |   |  |
| None                                                                  | -                 | -                           | - | - |  |
| <i>Total - All Woody Species:</i>                                     | 2                 | 2                           | 2 | 0 |  |
| FEATURES                                                              |                   |                             |   |   |  |
| <i>Supporting bank or wall:</i>                                       | ✓                 |                             |   |   |  |
| <i>Less than 10% gaps:</i>                                            | -                 |                             |   |   |  |
| <i>Standard trees:</i>                                                | -                 |                             |   |   |  |
| <i>Ditch for &gt;50% of hedgerow length:</i>                          | -                 |                             |   |   |  |
| <i>Parallel hedge within 15m:</i>                                     | -                 |                             |   |   |  |
| <i>Four or more connection points:</i>                                | ✓(4)              |                             |   |   |  |
| <i>Connections:</i> 2 hedge(s), 0 ponds(s) and 1 wood(s) = (4) points |                   |                             |   |   |  |
| <i>Three or more Schedule 2 species:</i>                              | -(0)              |                             |   |   |  |
| <i>Schedule 2 Species:</i> None                                       |                   |                             |   |   |  |
| PHASE 1 DESCRIPTION                                                   |                   |                             |   |   |  |
| A hedge similar to <i>Target Note 37</i> .                            |                   |                             |   |   |  |
| CONCLUSION                                                            |                   |                             |   |   |  |
| <i>Average Number of Schedule 3 Species per 30m Stretch:</i>          | 2                 |                             |   |   |  |
| <i>Number of Features:</i>                                            | 2                 |                             |   |   |  |
| <i>Special Qualifying Species:</i>                                    | 0                 |                             |   |   |  |
| <i>Threshold Altering Factors:</i>                                    | 0                 |                             |   |   |  |

| <b>Hedge Number:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | <b>44</b>            |                             |          |          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------|-----------------------------|----------|----------|
| <b>STATUS:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | <b>Not Important</b> |                             |          |          |
| <b>SCHEDULE 3 WOODY SPECIES</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  | In whole<br>hedge    | In 30 m sample<br>stretches |          |          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |                      | <b>XPt</b>                  | <b>2</b> | <b>3</b> |
| <i>Crataegus monogyna</i> (Hawthorn)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | ✓                    | ✓(5%)                       | ✓        | -        |
| <i>Prunus spinosa</i> (Blackthorn)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | ✓                    | ✓(94%)                      | -        | -        |
| <i>Sambucus nigra</i> (Elder)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | ✓                    | ✓(1%)                       | -        | -        |
| <b>Total - Schedule 3 species:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | <b>3</b>             | <b>3</b>                    | <b>1</b> | <b>0</b> |
| <b>OTHER WOODY SPECIES</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |                      |                             |          |          |
| None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | -                    | -                           | -        | -        |
| <b>Total - All Woody Species:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  | <b>3</b>             | <b>3</b>                    | <b>1</b> | <b>0</b> |
| <b>FEATURES</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |                      |                             |          |          |
| <b>Supporting bank or wall:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  | -                    |                             |          |          |
| <b>Less than 10% gaps:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  | ✓                    |                             |          |          |
| <b>Standard trees:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | -                    |                             |          |          |
| <b>Ditch for &gt;50% of hedgerow length:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  | ✓                    |                             |          |          |
| <b>Parallel hedge within 15m:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  | -                    |                             |          |          |
| <b>Four or more connection points:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | ✓(5)                 |                             |          |          |
| Connections: 3 hedge(s), 0 ponds(s) and 1 wood(s) = (5) points                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                      |                             |          |          |
| <b>Three or more Schedule 2 species:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  | -(0)                 |                             |          |          |
| Schedule 2 Species: None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |                      |                             |          |          |
| <b>PHASE 1 DESCRIPTION</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |                      |                             |          |          |
| A 2 m wide drain with a hedge along its southern edge. The drain contains patches of <i>Phragmites australis</i> (Common Reed) but it is heavily shaded by the hedge and therefore species-poor. The hedge is overgrown to about 3-5 m in height and is dominated by <i>Crataegus monogyna</i> (Hawthorn), <i>Prunus spinosa</i> (Blackthorn) and <i>Sambucus nigra</i> (Elder). At the western end (at the proposed crossing point), the drain is dry and the hedge has degenerated to <i>Rubus fruticosus</i> agg. (Bramble) scrub. |  |                      |                             |          |          |
| <b>CONCLUSION</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |                      |                             |          |          |
| <b>Average Number of Schedule 3 Species per 30m Stretch:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  | 2                    |                             |          |          |
| <b>Number of Features:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  | 3                    |                             |          |          |
| <b>Special Qualifying Species:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | 0                    |                             |          |          |
| <b>Threshold Altering Factors:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | 0                    |                             |          |          |

| <b>Hedge Number:</b>                                                                                                                                                                                                                                                                                                                                                 |  | <b>47</b>            |                             |          |          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------|-----------------------------|----------|----------|
| <b>STATUS:</b>                                                                                                                                                                                                                                                                                                                                                       |  | <b>Not Important</b> |                             |          |          |
| <b>SCHEDULE 3 WOODY SPECIES</b>                                                                                                                                                                                                                                                                                                                                      |  | In whole<br>hedge    | In 30 m sample<br>stretches |          |          |
|                                                                                                                                                                                                                                                                                                                                                                      |  |                      | <b>XPt</b>                  | <b>2</b> | <b>3</b> |
| <i>Crataegus monogyna</i> (Hawthorn)                                                                                                                                                                                                                                                                                                                                 |  | ✓                    | ✓ (10%)                     | ✓        | -        |
| <i>Sambucus nigra</i> (Elder)                                                                                                                                                                                                                                                                                                                                        |  | ✓                    | ✓ (5%)                      | ✓        | -        |
| <i>Ulmus procera</i> (English Elm)                                                                                                                                                                                                                                                                                                                                   |  | ✓                    | ✓ (85%)                     | ✓        | -        |
| <b>Total - Schedule 3 species:</b>                                                                                                                                                                                                                                                                                                                                   |  | <b>3</b>             | <b>3</b>                    | <b>3</b> | <b>0</b> |
| <b>OTHER WOODY SPECIES</b>                                                                                                                                                                                                                                                                                                                                           |  |                      |                             |          |          |
| None                                                                                                                                                                                                                                                                                                                                                                 |  | -                    | -                           | -        | -        |
| <b>Total - All Woody Species:</b>                                                                                                                                                                                                                                                                                                                                    |  | <b>3</b>             | <b>3</b>                    | <b>3</b> | <b>0</b> |
| <b>FEATURES</b>                                                                                                                                                                                                                                                                                                                                                      |  |                      |                             |          |          |
| <b>Supporting bank or wall:</b>                                                                                                                                                                                                                                                                                                                                      |  | -                    |                             |          |          |
| <b>Less than 10% gaps:</b>                                                                                                                                                                                                                                                                                                                                           |  | -                    |                             |          |          |
| <b>Standard trees:</b>                                                                                                                                                                                                                                                                                                                                               |  | -                    |                             |          |          |
| <b>Ditch for &gt;50% of hedgerow length:</b>                                                                                                                                                                                                                                                                                                                         |  | ✓                    |                             |          |          |
| <b>Parallel hedge within 15m:</b>                                                                                                                                                                                                                                                                                                                                    |  | -                    |                             |          |          |
| <b>Four or more connection points:</b>                                                                                                                                                                                                                                                                                                                               |  | -(0)                 |                             |          |          |
| Connections: None                                                                                                                                                                                                                                                                                                                                                    |  |                      |                             |          |          |
| <b>Three or more Schedule 2 species:</b>                                                                                                                                                                                                                                                                                                                             |  | -(0)                 |                             |          |          |
| Schedule 2 Species: None                                                                                                                                                                                                                                                                                                                                             |  |                      |                             |          |          |
| <b>PHASE 1 DESCRIPTION</b>                                                                                                                                                                                                                                                                                                                                           |  |                      |                             |          |          |
| An overgrown, scrubby hedge consisting mainly of <i>Ulmus procera</i> (English Elm) with <i>Crataegus monogyna</i> (Hawthorn), <i>Prunus spinosa</i> (Blackthorn), <i>Rubus fruticosus</i> agg. (Bramble) and <i>Sambucus nigra</i> (Elder). There is a dry ditch and patches of <i>Heracleum mantegazzianum</i> (Giant Hogweed) along the edges at the eastern end. |  |                      |                             |          |          |
| <b>CONCLUSION</b>                                                                                                                                                                                                                                                                                                                                                    |  |                      |                             |          |          |
| <b>Average Number of Schedule 3 Species per 30m Stretch:</b>                                                                                                                                                                                                                                                                                                         |  | 3                    |                             |          |          |
| <b>Number of Features:</b>                                                                                                                                                                                                                                                                                                                                           |  | 1                    |                             |          |          |
| <b>Special Qualifying Species:</b>                                                                                                                                                                                                                                                                                                                                   |  | 0                    |                             |          |          |
| <b>Threshold Altering Factors:</b>                                                                                                                                                                                                                                                                                                                                   |  | 0                    |                             |          |          |

| Hedge Number: 48                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|
| STATUS: Not Important                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                   |
| SCHEDULE 3 WOODY SPECIES                                                                                                                                                                                                                                                                                                                                                                                                    | In whole hedge      In 30 m sample stretches<br>XPt      2      3 |
| <i>Crataegus monogyna</i> (Hawthorn)                                                                                                                                                                                                                                                                                                                                                                                        | ✓      ✓ (99%)      ✓      -                                      |
| <i>Ilex aquifolium</i> (Holly)                                                                                                                                                                                                                                                                                                                                                                                              | ✓      -      ✓      -                                            |
| <i>Sambucus nigra</i> (Elder)                                                                                                                                                                                                                                                                                                                                                                                               | ✓      ✓ (1%)      ✓      -                                       |
| <i>Ulmus procera</i> (English Elm)                                                                                                                                                                                                                                                                                                                                                                                          | ✓      -      -      -                                            |
| <b>Total - Schedule 3 species:</b>                                                                                                                                                                                                                                                                                                                                                                                          | <b>5      2      3      0</b>                                     |
| OTHER WOODY SPECIES                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                   |
| <i>Populus ×canadensis</i> (Hybrid Black-poplar)                                                                                                                                                                                                                                                                                                                                                                            | ✓      -      -      -                                            |
| <b>Total - All Woody Species:</b>                                                                                                                                                                                                                                                                                                                                                                                           | <b>5      2      3      0</b>                                     |
| FEATURES                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                   |
| <i>Supporting bank or wall:</i>                                                                                                                                                                                                                                                                                                                                                                                             | -                                                                 |
| <i>Less than 10% gaps:</i>                                                                                                                                                                                                                                                                                                                                                                                                  | ✓                                                                 |
| <i>Standard trees:</i>                                                                                                                                                                                                                                                                                                                                                                                                      | -                                                                 |
| <i>Ditch for &gt;50% of hedgerow length:</i>                                                                                                                                                                                                                                                                                                                                                                                | -                                                                 |
| <i>Parallel hedge within 15m:</i>                                                                                                                                                                                                                                                                                                                                                                                           | -                                                                 |
| <i>Four or more connection points:</i>                                                                                                                                                                                                                                                                                                                                                                                      | -(1)                                                              |
| Connections: 1 hedge(s), 0 ponds(s) and 0 wood(s) =                                                                                                                                                                                                                                                                                                                                                                         | (1) points                                                        |
| <i>Three or more Schedule 2 species:</i>                                                                                                                                                                                                                                                                                                                                                                                    | -(1)                                                              |
| Schedule 2 Species: <i>Arum maculatum</i>                                                                                                                                                                                                                                                                                                                                                                                   |                                                                   |
| PHASE 1 DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                   |
| An overgrown, scrubby hedge dominated by <i>Crataegus monogyna</i> (Hawthorn) and <i>Ulmus procera</i> (English Elm), it lacks the structure of a hedge and contains few other woody species. The field margin along the eastern side is dominated by the tall herbs <i>Anthriscus sylvestris</i> (Cow Parsley) and <i>Heracleum sphondylium</i> (Hogweed), and locally by <i>Heracleum mantegazzianum</i> (Giant Hogweed). |                                                                   |
| CONCLUSION                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |
| <i>Average Number of Schedule 3 Species per 30m Stretch:</i>                                                                                                                                                                                                                                                                                                                                                                | 2.5                                                               |
| <i>Number of Features:</i>                                                                                                                                                                                                                                                                                                                                                                                                  | 1                                                                 |
| <i>Special Qualifying Species:</i>                                                                                                                                                                                                                                                                                                                                                                                          | 0                                                                 |
| <i>Threshold Altering Factors:</i>                                                                                                                                                                                                                                                                                                                                                                                          | 0                                                                 |

| <b>Hedge Number:</b>                                                                                                                                                                                                                                  |  | <b>50</b>            |                             |          |          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------|-----------------------------|----------|----------|
| <b>STATUS:</b>                                                                                                                                                                                                                                        |  | <b>Not Important</b> |                             |          |          |
| <b>SCHEDULE 3 WOODY SPECIES</b>                                                                                                                                                                                                                       |  | In whole<br>hedge    | In 30 m sample<br>stretches |          |          |
|                                                                                                                                                                                                                                                       |  |                      | <b>XPt</b>                  | <b>2</b> | <b>3</b> |
| <i>Crataegus monogyna</i> (Hawthorn)                                                                                                                                                                                                                  |  | ✓                    | ✓(35%)                      | -        | -        |
| <i>Ilex aquifolium</i> (Holly)                                                                                                                                                                                                                        |  | ✓                    | ✓(5%)                       | -        | -        |
| <i>Sambucus nigra</i> (Elder)                                                                                                                                                                                                                         |  | ✓                    | ✓(60%)                      | -        | -        |
| <b>Total - Schedule 3 species:</b>                                                                                                                                                                                                                    |  | <b>3</b>             | <b>3</b>                    | <b>0</b> | <b>0</b> |
| <b>OTHER WOODY SPECIES</b>                                                                                                                                                                                                                            |  |                      |                             |          |          |
| None                                                                                                                                                                                                                                                  |  | -                    | -                           | -        | -        |
| <b>Total - All Woody Species:</b>                                                                                                                                                                                                                     |  | <b>3</b>             | <b>3</b>                    | <b>0</b> | <b>0</b> |
| <b>FEATURES</b>                                                                                                                                                                                                                                       |  |                      |                             |          |          |
| <b>Supporting bank or wall:</b>                                                                                                                                                                                                                       |  | -                    |                             |          |          |
| <b>Less than 10% gaps:</b>                                                                                                                                                                                                                            |  | ✓                    |                             |          |          |
| <b>Standard trees:</b>                                                                                                                                                                                                                                |  | -                    |                             |          |          |
| <b>Ditch for &gt;50% of hedgerow length:</b>                                                                                                                                                                                                          |  | -                    |                             |          |          |
| <b>Parallel hedge within 15m:</b>                                                                                                                                                                                                                     |  | -                    |                             |          |          |
| <b>Four or more connection points:</b>                                                                                                                                                                                                                |  | -(0)                 |                             |          |          |
| Connections: None                                                                                                                                                                                                                                     |  |                      |                             |          |          |
| <b>Three or more Schedule 2 species:</b>                                                                                                                                                                                                              |  | -(0)                 |                             |          |          |
| Schedule 2 Species: None                                                                                                                                                                                                                              |  |                      |                             |          |          |
| <b>PHASE 1 DESCRIPTION</b>                                                                                                                                                                                                                            |  |                      |                             |          |          |
| A species-poor, overgrown hedge comprising <i>Crataegus monogyna</i> (Hawthorn) with <i>Sambucus nigra</i> (Elder) and one <i>Ilex aquifolium</i> (Holly) bush. There is abundant <i>Rubus fruticosus</i> agg. (Bramble) at the base and a dry ditch. |  |                      |                             |          |          |
| <b>CONCLUSION</b>                                                                                                                                                                                                                                     |  |                      |                             |          |          |
| <b>Average Number of Schedule 3 Species per 30m Stretch:</b>                                                                                                                                                                                          |  | 3                    |                             |          |          |
| <b>Number of Features:</b>                                                                                                                                                                                                                            |  | 1                    |                             |          |          |
| <b>Special Qualifying Species:</b>                                                                                                                                                                                                                    |  | 0                    |                             |          |          |
| <b>Threshold Altering Factors:</b>                                                                                                                                                                                                                    |  | 0                    |                             |          |          |

|                                                                                                                                                                                                                                                                                     |                      |                                    |          |          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|------------------------------------|----------|----------|
| <b>Hedge Number:</b>                                                                                                                                                                                                                                                                | <b>53</b>            |                                    |          |          |
| <b>STATUS:</b>                                                                                                                                                                                                                                                                      | <b>Not Important</b> |                                    |          |          |
| <b>SCHEDULE 3 WOODY SPECIES</b>                                                                                                                                                                                                                                                     | In whole<br>hedge    | In 30 m sample<br>stretches<br>XPt | <b>2</b> | <b>3</b> |
| <i>Crataegus monogyna</i> (Hawthorn)                                                                                                                                                                                                                                                | ✓                    | ✓ (50%)                            | ✓        | -        |
| <i>Sambucus nigra</i> (Elder)                                                                                                                                                                                                                                                       | ✓                    | ✓ (50%)                            | ✓        | -        |
| <b>Total - Schedule 3 species:</b>                                                                                                                                                                                                                                                  | <b>2</b>             | <b>2</b>                           | <b>2</b> | <b>0</b> |
| <b>OTHER WOODY SPECIES</b>                                                                                                                                                                                                                                                          |                      |                                    |          |          |
| None                                                                                                                                                                                                                                                                                | -                    | -                                  | -        | -        |
| <b>Total - All Woody Species:</b>                                                                                                                                                                                                                                                   | <b>2</b>             | <b>2</b>                           | <b>2</b> | <b>0</b> |
| <b>FEATURES</b>                                                                                                                                                                                                                                                                     |                      |                                    |          |          |
| <i>Supporting bank or wall:</i>                                                                                                                                                                                                                                                     | -                    |                                    |          |          |
| <i>Less than 10% gaps:</i>                                                                                                                                                                                                                                                          | ✓                    |                                    |          |          |
| <i>Standard trees:</i>                                                                                                                                                                                                                                                              | -                    |                                    |          |          |
| <i>Ditch for &gt;50% of hedgerow length:</i>                                                                                                                                                                                                                                        | -                    |                                    |          |          |
| <i>Parallel hedge within 15m:</i>                                                                                                                                                                                                                                                   | -                    |                                    |          |          |
| <i>Four or more connection points:</i>                                                                                                                                                                                                                                              | -(0)                 |                                    |          |          |
| Connections: None                                                                                                                                                                                                                                                                   |                      |                                    |          |          |
| <i>Three or more Schedule 2 species:</i>                                                                                                                                                                                                                                            | -(0)                 |                                    |          |          |
| Schedule 2 Species: None                                                                                                                                                                                                                                                            |                      |                                    |          |          |
| <b>PHASE 1 DESCRIPTION</b>                                                                                                                                                                                                                                                          |                      |                                    |          |          |
| An overgrown, scrubby hedge comprising <i>Crataegus monogyna</i> (Hawthorn) and <i>Sambucus nigra</i> (Elder) with dense <i>Rubus fruticosus</i> agg. (Bramble) underneath. A tiny stream flowing along the hedge is entirely overgrown and doesn't support any wetland vegetation. |                      |                                    |          |          |
| <b>CONCLUSION</b>                                                                                                                                                                                                                                                                   |                      |                                    |          |          |
| <i>Average Number of Schedule 3 Species per 30m Stretch:</i>                                                                                                                                                                                                                        | 2                    |                                    |          |          |
| <i>Number of Features:</i>                                                                                                                                                                                                                                                          | 1                    |                                    |          |          |
| <i>Special Qualifying Species:</i>                                                                                                                                                                                                                                                  | 0                    |                                    |          |          |
| <i>Threshold Altering Factors:</i>                                                                                                                                                                                                                                                  | 0                    |                                    |          |          |

|                                                                                                                                                                                                                          |                      |                          |          |          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|--------------------------|----------|----------|
| <b>Hedge Number:</b>                                                                                                                                                                                                     | <b>55</b>            |                          |          |          |
| <b>STATUS:</b>                                                                                                                                                                                                           | <b>Not Important</b> |                          |          |          |
| <b>SCHEDULE 3 WOODY SPECIES</b>                                                                                                                                                                                          | In whole hedge       | In 30 m sample stretches |          |          |
|                                                                                                                                                                                                                          |                      | <b>XPt</b>               | <b>2</b> | <b>3</b> |
| <i>Crataegus monogyna</i> (Hawthorn)                                                                                                                                                                                     | ✓                    | -                        | -        | -        |
| <i>Sambucus nigra</i> (Elder)                                                                                                                                                                                            | ✓                    | ✓ (5%)                   | ✓        | -        |
| <i>Ulmus procera</i> (English Elm)                                                                                                                                                                                       | ✓                    | ✓ (95%)                  | ✓        | -        |
| <b>Total - Schedule 3 species:</b>                                                                                                                                                                                       | <b>3</b>             | <b>2</b>                 | <b>2</b> | <b>0</b> |
| <b>OTHER WOODY SPECIES</b>                                                                                                                                                                                               |                      |                          |          |          |
| None                                                                                                                                                                                                                     | -                    | -                        | -        | -        |
| <b>Total - All Woody Species:</b>                                                                                                                                                                                        | <b>3</b>             | <b>2</b>                 | <b>2</b> | <b>0</b> |
| <b>FEATURES</b>                                                                                                                                                                                                          |                      |                          |          |          |
| <i>Supporting bank or wall:</i>                                                                                                                                                                                          | -                    |                          |          |          |
| <i>Less than 10% gaps:</i>                                                                                                                                                                                               | -                    |                          |          |          |
| <i>Standard trees:</i>                                                                                                                                                                                                   | -                    |                          |          |          |
| <i>Ditch for &gt;50% of hedgerow length:</i>                                                                                                                                                                             | ✓                    |                          |          |          |
| <i>Parallel hedge within 15m:</i>                                                                                                                                                                                        | -                    |                          |          |          |
| <i>Four or more connection points:</i>                                                                                                                                                                                   | -(0)                 |                          |          |          |
| <i>Connections:</i> None                                                                                                                                                                                                 |                      |                          |          |          |
| <i>Three or more Schedule 2 species:</i>                                                                                                                                                                                 | -(0)                 |                          |          |          |
| <i>Schedule 2 Species:</i> None                                                                                                                                                                                          |                      |                          |          |          |
| <b>PHASE 1 DESCRIPTION</b>                                                                                                                                                                                               |                      |                          |          |          |
| A line of dense scrub, fenced on either side, with a bank and a dry ditch. It is strongly dominated by <i>Ulmus procera</i> (English Elm) with <i>Rubus fruticosus</i> agg. (Bramble) and <i>Sambucus nigra</i> (Elder). |                      |                          |          |          |
| <b>CONCLUSION</b>                                                                                                                                                                                                        |                      |                          |          |          |
| <i>Average Number of Schedule 3 Species per 30m Stretch:</i>                                                                                                                                                             | 2                    |                          |          |          |
| <i>Number of Features:</i>                                                                                                                                                                                               | 1                    |                          |          |          |
| <i>Special Qualifying Species:</i>                                                                                                                                                                                       | 0                    |                          |          |          |
| <i>Threshold Altering Factors:</i>                                                                                                                                                                                       | 0                    |                          |          |          |

| <b>Hedge Number:</b>                                                                                                                                                                                                                                                                                                                                                                                                                           |  | <b>57</b>            |                             |          |          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------|-----------------------------|----------|----------|
| <b>STATUS:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                 |  | <b>Not Important</b> |                             |          |          |
| <b>SCHEDULE 3 WOODY SPECIES</b>                                                                                                                                                                                                                                                                                                                                                                                                                |  | In whole<br>hedge    | In 30 m sample<br>stretches |          |          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                      | <b>XPt</b>                  | <b>2</b> | <b>3</b> |
| <i>Crataegus monogyna</i> (Hawthorn)                                                                                                                                                                                                                                                                                                                                                                                                           |  | ✓                    | -                           | ✓        | -        |
| <i>Prunus spinosa</i> (Blackthorn)                                                                                                                                                                                                                                                                                                                                                                                                             |  | ✓                    | -                           | -        | -        |
| <i>Sambucus nigra</i> (Elder)                                                                                                                                                                                                                                                                                                                                                                                                                  |  | ✓                    | ✓ (15%)                     | -        | -        |
| <i>Ulmus procera</i> (English Elm)                                                                                                                                                                                                                                                                                                                                                                                                             |  | ✓                    | ✓ (85%)                     | -        | -        |
| <b>Total - Schedule 3 species:</b>                                                                                                                                                                                                                                                                                                                                                                                                             |  | <b>4</b>             | <b>2</b>                    | <b>1</b> | <b>0</b> |
| <b>OTHER WOODY SPECIES</b>                                                                                                                                                                                                                                                                                                                                                                                                                     |  |                      |                             |          |          |
| None                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | -                    | -                           | -        | -        |
| <b>Total - All Woody Species:</b>                                                                                                                                                                                                                                                                                                                                                                                                              |  | <b>4</b>             | <b>2</b>                    | <b>1</b> | <b>0</b> |
| <b>FEATURES</b>                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                      |                             |          |          |
| <b>Supporting bank or wall:</b>                                                                                                                                                                                                                                                                                                                                                                                                                |  | ✓                    |                             |          |          |
| <b>Less than 10% gaps:</b>                                                                                                                                                                                                                                                                                                                                                                                                                     |  | -                    |                             |          |          |
| <b>Standard trees:</b>                                                                                                                                                                                                                                                                                                                                                                                                                         |  | -                    |                             |          |          |
| <b>Ditch for &gt;50% of hedgerow length:</b>                                                                                                                                                                                                                                                                                                                                                                                                   |  | -                    |                             |          |          |
| <b>Parallel hedge within 15m:</b>                                                                                                                                                                                                                                                                                                                                                                                                              |  | ✓                    |                             |          |          |
| <b>Four or more connection points:</b>                                                                                                                                                                                                                                                                                                                                                                                                         |  | -(0)                 |                             |          |          |
| Connections: None                                                                                                                                                                                                                                                                                                                                                                                                                              |  |                      |                             |          |          |
| <b>Three or more Schedule 2 species:</b>                                                                                                                                                                                                                                                                                                                                                                                                       |  | -(0)                 |                             |          |          |
| Schedule 2 Species: None                                                                                                                                                                                                                                                                                                                                                                                                                       |  |                      |                             |          |          |
| <b>PHASE 1 DESCRIPTION</b>                                                                                                                                                                                                                                                                                                                                                                                                                     |  |                      |                             |          |          |
| A roadside hedge trimmed to about 1.8 m high and dominated by <i>Crataegus monogyna</i> (Hawthorn) or taller – to 6 m – with abundant <i>Ulmus procera</i> (English Elm) suckers. It is on a half-bank with a field-layer comprising mostly ruderal herbs and grasses such as <i>Anisantha sterilis</i> (Barren Brome), <i>Anthriscus sylvestris</i> (Cow Parsley), <i>Galium aparine</i> (Cleavers) and <i>Urtica dioica</i> (Common Nettle). |  |                      |                             |          |          |
| <b>CONCLUSION</b>                                                                                                                                                                                                                                                                                                                                                                                                                              |  |                      |                             |          |          |
| <b>Average Number of Schedule 3 Species per 30m Stretch:</b>                                                                                                                                                                                                                                                                                                                                                                                   |  | 1.5                  |                             |          |          |
| <b>Number of Features:</b>                                                                                                                                                                                                                                                                                                                                                                                                                     |  | 2                    |                             |          |          |
| <b>Special Qualifying Species:</b>                                                                                                                                                                                                                                                                                                                                                                                                             |  | 0                    |                             |          |          |
| <b>Threshold Altering Factors:</b>                                                                                                                                                                                                                                                                                                                                                                                                             |  | 0                    |                             |          |          |

| Hedge Number:                                                                                                                                                                                                                                                                                                                                                                                  |  | 58             |                          |   |   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------|--------------------------|---|---|
| STATUS:                                                                                                                                                                                                                                                                                                                                                                                        |  | Not Important  |                          |   |   |
| SCHEDULE 3 WOODY SPECIES                                                                                                                                                                                                                                                                                                                                                                       |  | In whole hedge | In 30 m sample stretches |   |   |
|                                                                                                                                                                                                                                                                                                                                                                                                |  |                | XPt                      | 2 | 3 |
| <i>Crataegus monogyna</i> (Hawthorn)                                                                                                                                                                                                                                                                                                                                                           |  | ✓              | ✓ (20%)                  | ✓ | - |
| <i>Prunus spinosa</i> (Blackthorn)                                                                                                                                                                                                                                                                                                                                                             |  | ✓              | ✓ (25%)                  | ✓ | - |
| <i>Sambucus nigra</i> (Elder)                                                                                                                                                                                                                                                                                                                                                                  |  | ✓              | ✓ (5%)                   | - | - |
| <i>Ulmus procera</i> (English Elm)                                                                                                                                                                                                                                                                                                                                                             |  | ✓              | ✓ (50%)                  | ✓ | - |
| Total - Schedule 3 species:                                                                                                                                                                                                                                                                                                                                                                    |  | 4              | 4                        | 3 | 0 |
| OTHER WOODY SPECIES                                                                                                                                                                                                                                                                                                                                                                            |  |                |                          |   |   |
| None                                                                                                                                                                                                                                                                                                                                                                                           |  | -              | -                        | - | - |
| Total - All Woody Species:                                                                                                                                                                                                                                                                                                                                                                     |  | 4              | 4                        | 3 | 0 |
| FEATURES                                                                                                                                                                                                                                                                                                                                                                                       |  |                |                          |   |   |
| Supporting bank or wall:                                                                                                                                                                                                                                                                                                                                                                       |  | ✓              |                          |   |   |
| Less than 10% gaps:                                                                                                                                                                                                                                                                                                                                                                            |  | -              |                          |   |   |
| Standard trees:                                                                                                                                                                                                                                                                                                                                                                                |  | -              |                          |   |   |
| Ditch for >50% of hedgerow length:                                                                                                                                                                                                                                                                                                                                                             |  | -              |                          |   |   |
| Parallel hedge within 15m:                                                                                                                                                                                                                                                                                                                                                                     |  | ✓              |                          |   |   |
| Four or more connection points:                                                                                                                                                                                                                                                                                                                                                                |  | -(2)           |                          |   |   |
| Connections: 2 hedge(s), 0 ponds(s) and 0 wood(s) = (2) points                                                                                                                                                                                                                                                                                                                                 |  |                |                          |   |   |
| Three or more Schedule 2 species:                                                                                                                                                                                                                                                                                                                                                              |  | -(1)           |                          |   |   |
| Schedule 2 Species: <i>Arum maculatum</i>                                                                                                                                                                                                                                                                                                                                                      |  |                |                          |   |   |
| PHASE 1 DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                            |  |                |                          |   |   |
| A hedge on the opposite side of the road to <i>Target Note 58</i> largely comprising tall <i>Ulmus procera</i> (English Elm) suckers. However, at the western end (at the proposed crossing point) it is gappy with <i>Crataegus monogyna</i> (Hawthorn) or simply <i>Rubus fruticosus</i> agg. (Bramble). The field-layer supports locally abundant <i>Arum maculatum</i> (Lords-and-Ladies). |  |                |                          |   |   |
| CONCLUSION                                                                                                                                                                                                                                                                                                                                                                                     |  |                |                          |   |   |
| Average Number of Schedule 3 Species per 30m Stretch:                                                                                                                                                                                                                                                                                                                                          |  | 3.5            |                          |   |   |
| Number of Features:                                                                                                                                                                                                                                                                                                                                                                            |  | 2              |                          |   |   |
| Special Qualifying Species:                                                                                                                                                                                                                                                                                                                                                                    |  | 0              |                          |   |   |
| Threshold Altering Factors:                                                                                                                                                                                                                                                                                                                                                                    |  | 0              |                          |   |   |

| Hedge Number:                                                                                                                                                                                                                                                                                                 |  | 63                                                |                          |          |          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------|--------------------------|----------|----------|
| STATUS:                                                                                                                                                                                                                                                                                                       |  | Not Important                                     |                          |          |          |
| SCHEDULE 3 WOODY SPECIES                                                                                                                                                                                                                                                                                      |  | In whole hedge                                    | In 30 m sample stretches |          |          |
|                                                                                                                                                                                                                                                                                                               |  |                                                   | XPt                      | 2        | 3        |
| <i>Acer campestre</i> (Field Maple)                                                                                                                                                                                                                                                                           |  | ✓                                                 | -                        | ✓        | -        |
| <i>Cornus sanguinea</i> (Dogwood)                                                                                                                                                                                                                                                                             |  | ✓                                                 | -                        | ✓        | -        |
| <i>Crataegus monogyna</i> (Hawthorn)                                                                                                                                                                                                                                                                          |  | ✓                                                 | ✓(5%)                    | ✓        | -        |
| <i>Ligustrum vulgare</i> (Wild Privet)                                                                                                                                                                                                                                                                        |  | ✓                                                 | ✓(1%)                    | ✓        | -        |
| <i>Prunus spinosa</i> (Blackthorn)                                                                                                                                                                                                                                                                            |  | ✓                                                 | ✓(90%)                   | -        | -        |
| <i>Rosa canina</i> (Dog-rose)                                                                                                                                                                                                                                                                                 |  | ✓                                                 | -                        | ✓        | -        |
| <i>Sambucus nigra</i> (Elder)                                                                                                                                                                                                                                                                                 |  | ✓                                                 | ✓(2%)                    | ✓        | ✓        |
| <i>Ulmus procera</i> (English Elm)                                                                                                                                                                                                                                                                            |  | ✓                                                 | -                        | -        | ✓        |
| <i>Viburnum lantana</i> (Wayfaring-tree)                                                                                                                                                                                                                                                                      |  | ✓                                                 | -                        | -        | -        |
| <b>Total - Schedule 3 species:</b>                                                                                                                                                                                                                                                                            |  | <b>9</b>                                          | <b>4</b>                 | <b>6</b> | <b>2</b> |
| OTHER WOODY SPECIES                                                                                                                                                                                                                                                                                           |  |                                                   |                          |          |          |
| <i>Acer pseudoplatanus</i> (Sycamore)                                                                                                                                                                                                                                                                         |  | ✓                                                 | ✓(1%)                    | -        | -        |
| <i>Aesculus hippocastanum</i> (Horse-chestnut)                                                                                                                                                                                                                                                                |  | ✓                                                 | -                        | -        | -        |
| <i>Prunus domestica</i> (Wild Plum)                                                                                                                                                                                                                                                                           |  | ✓                                                 | ✓(1%)                    | -        | -        |
| <b>Total - All Woody Species:</b>                                                                                                                                                                                                                                                                             |  | <b>12</b>                                         | <b>6</b>                 | <b>6</b> | <b>2</b> |
| FEATURES                                                                                                                                                                                                                                                                                                      |  |                                                   |                          |          |          |
| <b>Supporting bank or wall:</b>                                                                                                                                                                                                                                                                               |  | -                                                 |                          |          |          |
| <b>Less than 10% gaps:</b>                                                                                                                                                                                                                                                                                    |  | ✓                                                 |                          |          |          |
| <b>Standard trees:</b>                                                                                                                                                                                                                                                                                        |  | -                                                 |                          |          |          |
| <b>Ditch for &gt;50% of hedgerow length:</b>                                                                                                                                                                                                                                                                  |  | -                                                 |                          |          |          |
| <b>Parallel hedge within 15m:</b>                                                                                                                                                                                                                                                                             |  | ✓                                                 |                          |          |          |
| <b>Four or more connection points:</b>                                                                                                                                                                                                                                                                        |  | -(2)                                              |                          |          |          |
| Connections:                                                                                                                                                                                                                                                                                                  |  | 2 hedge(s), 0 ponds(s) and 0 wood(s) = (2) points |                          |          |          |
| <b>Three or more Schedule 2 species:</b>                                                                                                                                                                                                                                                                      |  | -(2)                                              |                          |          |          |
| Schedule 2 Species:                                                                                                                                                                                                                                                                                           |  | Arum maculatum, Brachypodium sylvaticum           |                          |          |          |
| PHASE 1 DESCRIPTION                                                                                                                                                                                                                                                                                           |  |                                                   |                          |          |          |
| A wide, low bank supporting an overgrown, scrubby hedge about 2-4 m high and in places several metres wide. It is dominated by suckering <i>Prunus spinosa</i> (Blackthorn) with <i>Crataegus monogyna</i> (Hawthorn), <i>Sambucus nigra</i> (Elder) and a single <i>Acer pseudoplatanus</i> (Sycamore) tree. |  |                                                   |                          |          |          |
| CONCLUSION                                                                                                                                                                                                                                                                                                    |  |                                                   |                          |          |          |
| <b>Average Number of Schedule 3 Species per 30m Stretch:</b>                                                                                                                                                                                                                                                  |  | 4                                                 |                          |          |          |
| <b>Number of Features:</b>                                                                                                                                                                                                                                                                                    |  | 2                                                 |                          |          |          |
| <b>Special Qualifying Species:</b>                                                                                                                                                                                                                                                                            |  | 0                                                 |                          |          |          |
| <b>Threshold Altering Factors:</b>                                                                                                                                                                                                                                                                            |  | 0                                                 |                          |          |          |

| <b>Hedge Number:</b>                                                                                                                                                                                                                           |  | <b>76</b>            |                             |          |          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------|-----------------------------|----------|----------|
| <b>STATUS:</b>                                                                                                                                                                                                                                 |  | <b>Not Important</b> |                             |          |          |
| <b>SCHEDULE 3 WOODY SPECIES</b>                                                                                                                                                                                                                |  | In whole<br>hedge    | In 30 m sample<br>stretches |          |          |
|                                                                                                                                                                                                                                                |  |                      | <b>XPt</b>                  | <b>2</b> | <b>3</b> |
| <i>Cornus sanguinea</i> (Dogwood)                                                                                                                                                                                                              |  | ✓                    | ✓(2%)                       | -        | -        |
| <i>Fraxinus excelsior</i> (Ash)                                                                                                                                                                                                                |  | ✓                    | -                           | -        | -        |
| <i>Ligustrum vulgare</i> (Wild Privet)                                                                                                                                                                                                         |  | ✓                    | ✓(1%)                       | ✓        | -        |
| <i>Prunus spinosa</i> (Blackthorn)                                                                                                                                                                                                             |  | ✓                    | ✓(95%)                      | ✓        | ✓        |
| <i>Rosa canina</i> (Dog-rose)                                                                                                                                                                                                                  |  | ✓                    | -                           | ✓        | ✓        |
| <i>Sambucus nigra</i> (Elder)                                                                                                                                                                                                                  |  | ✓                    | ✓(1%)                       | -        | -        |
| <i>Viburnum lantana</i> (Wayfaring-tree)                                                                                                                                                                                                       |  | ✓                    | ✓(1%)                       | -        | -        |
| <b>Total - Schedule 3 species:</b>                                                                                                                                                                                                             |  | <b>7</b>             | <b>5</b>                    | <b>3</b> | <b>2</b> |
| <b>OTHER WOODY SPECIES</b>                                                                                                                                                                                                                     |  |                      |                             |          |          |
| None                                                                                                                                                                                                                                           |  | -                    | -                           | -        | -        |
| <b>Total - All Woody Species:</b>                                                                                                                                                                                                              |  | <b>7</b>             | <b>5</b>                    | <b>3</b> | <b>2</b> |
| <b>FEATURES</b>                                                                                                                                                                                                                                |  |                      |                             |          |          |
| <b>Supporting bank or wall:</b>                                                                                                                                                                                                                |  | ✓                    |                             |          |          |
| <b>Less than 10% gaps:</b>                                                                                                                                                                                                                     |  | -                    |                             |          |          |
| <b>Standard trees:</b>                                                                                                                                                                                                                         |  | -                    |                             |          |          |
| <b>Ditch for &gt;50% of hedgerow length:</b>                                                                                                                                                                                                   |  | -                    |                             |          |          |
| <b>Parallel hedge within 15m:</b>                                                                                                                                                                                                              |  | -                    |                             |          |          |
| <b>Four or more connection points:</b>                                                                                                                                                                                                         |  | -(3)                 |                             |          |          |
| Connections: 1 hedge(s), 0 ponds(s) and 1 wood(s) = (3) points                                                                                                                                                                                 |  |                      |                             |          |          |
| <b>Three or more Schedule 2 species:</b>                                                                                                                                                                                                       |  | -(2)                 |                             |          |          |
| Schedule 2 Species: <i>Arum maculatum</i> , <i>Brachypodium sylvaticum</i>                                                                                                                                                                     |  |                      |                             |          |          |
| <b>PHASE 1 DESCRIPTION</b>                                                                                                                                                                                                                     |  |                      |                             |          |          |
| A gappy, species-poor roadside hedge trimmed to about 2 m high and wide comprising abundant <i>Prunus spinosa</i> (Blackthorn) with <i>Rosa canina</i> (Dog-rose), <i>Sambucus nigra</i> (Elder) and <i>Viburnum lantana</i> (Wayfaring-tree). |  |                      |                             |          |          |
| <b>CONCLUSION</b>                                                                                                                                                                                                                              |  |                      |                             |          |          |
| <b>Average Number of Schedule 3 Species per 30m Stretch:</b>                                                                                                                                                                                   |  | 3.3300000000000001   |                             |          |          |
| <b>Number of Features:</b>                                                                                                                                                                                                                     |  | 1                    |                             |          |          |
| <b>Special Qualifying Species:</b>                                                                                                                                                                                                             |  | 0                    |                             |          |          |
| <b>Threshold Altering Factors:</b>                                                                                                                                                                                                             |  | 0                    |                             |          |          |

| Hedge Number: 90                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|
| STATUS: Not Important                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                   |
| SCHEDULE 3 WOODY SPECIES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | In whole hedge      In 30 m sample stretches<br>XPt      2      3 |
| <i>Crataegus monogyna</i> (Hawthorn)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ✓      -      ✓      -                                            |
| <i>Fraxinus excelsior</i> (Ash)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ✓      -      -      ✓                                            |
| <i>Prunus spinosa</i> (Blackthorn)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ✓      -      ✓      -                                            |
| <i>Rosa canina</i> (Dog-rose)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ✓      -      -      -                                            |
| <i>Sambucus nigra</i> (Elder)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ✓      ✓ (1%)      ✓      ✓                                       |
| <i>Ulmus procera</i> (English Elm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ✓      ✓ (94%)      -      ✓                                      |
| <b>Total - Schedule 3 species:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>6      2      3      3</b>                                     |
| OTHER WOODY SPECIES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                   |
| <i>Acer pseudoplatanus</i> (Sycamore)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | ✓      ✓ (5%)      ✓      -                                       |
| <b>Total - All Woody Species:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>7      3      3      3</b>                                     |
| FEATURES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                   |
| <b>Supporting bank or wall:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ✓                                                                 |
| <b>Less than 10% gaps:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ✓                                                                 |
| <b>Standard trees:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | -                                                                 |
| <b>Ditch for &gt;50% of hedgerow length:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -                                                                 |
| <b>Parallel hedge within 15m:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | ✓                                                                 |
| <b>Four or more connection points:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | -(2)                                                              |
| Connections: 2 hedge(s), 0 ponds(s) and 0 wood(s) = (2) points                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                   |
| <b>Three or more Schedule 2 species:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -(2)                                                              |
| Schedule 2 Species: <i>Arum maculatum</i> , <i>Brachypodium sylvaticum</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                   |
| PHASE 1 DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                   |
| A roadside hedge and bank. The hedge is mechanically trimmed to about 1.5 m high and contains abundant <i>Ulmus procera</i> (English Elm) with <i>Crataegus monogyna</i> (Hawthorn), <i>Prunus spinosa</i> (Blackthorn) and <i>Rubus fruticosus</i> agg. (Bramble) among other species. The field-layer consists of <i>Hedera helix</i> (Ivy) and herbs such as <i>Anthriscus sylvestris</i> (Cow Parsley), <i>Arum maculatum</i> (Lords-and-Ladies), <i>Brachypodium sylvaticum</i> (False Brome) and <i>Urtica dioica</i> (Common Nettle). |                                                                   |
| CONCLUSION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                   |
| <b>Average Number of Schedule 3 Species per 30m Stretch:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2.6699999999999999                                                |
| <b>Number of Features:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 3                                                                 |
| <b>Special Qualifying Species:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0                                                                 |
| <b>Threshold Altering Factors:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0                                                                 |

| Hedge Number:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  | 91                                                |                          |   |   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------|--------------------------|---|---|
| STATUS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  | Not Important                                     |                          |   |   |
| SCHEDULE 3 WOODY SPECIES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  | In whole hedge                                    | In 30 m sample stretches |   |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                                                   | XPt                      | 2 | 3 |
| Cornus sanguinea (Dogwood)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | ✓                                                 | -                        | ✓ | - |
| Crataegus monogyna (Hawthorn)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  | ✓                                                 | -                        | ✓ | ✓ |
| Fraxinus excelsior (Ash)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  | ✓                                                 | ✓(2%)                    | ✓ | - |
| Quercus robur (Pedunculate Oak)                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  | ✓                                                 | -                        | - | - |
| Rosa canina (Dog-rose)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | ✓                                                 | -                        | ✓ | ✓ |
| Sambucus nigra (Elder)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | ✓                                                 | ✓(5%)                    | - | - |
| Ulmus procera (English Elm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  | ✓                                                 | ✓(88%)                   | - | - |
| Total - Schedule 3 species:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  | 7                                                 | 3                        | 4 | 2 |
| OTHER WOODY SPECIES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                                                   |                          |   |   |
| Acer pseudoplatanus (Sycamore)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | ✓                                                 | ✓(5%)                    | ✓ | - |
| Total - All Woody Species:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | 8                                                 | 4                        | 4 | 2 |
| FEATURES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                                   |                          |   |   |
| Supporting bank or wall:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  | -                                                 |                          |   |   |
| Less than 10% gaps:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | -                                                 |                          |   |   |
| Standard trees:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  | ✓                                                 |                          |   |   |
| Ditch for >50% of hedgerow length:                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  | -                                                 |                          |   |   |
| Parallel hedge within 15m:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | ✓                                                 |                          |   |   |
| Four or more connection points:                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  | -(2)                                              |                          |   |   |
| Connections:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | 2 hedge(s), 0 ponds(s) and 0 wood(s) = (2) points |                          |   |   |
| Three or more Schedule 2 species:                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  | -(2)                                              |                          |   |   |
| Schedule 2 Species:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | Arum maculatum, Brachypodium sylvaticum           |                          |   |   |
| PHASE 1 DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                                                   |                          |   |   |
| A narrow strip of woodland derived from an outgrown hedge. It has a developing canopy of <i>Acer pseudoplatanus</i> (Sycamore) and <i>Fraxinus excelsior</i> (Ash) trees about 30 years old with an understorey of <i>Ulmus procera</i> (English Elm) suckers marking the old hedge-line, and a field-layer is characterised by frequent <i>Arum maculatum</i> (Lords-and-Ladies) and <i>Urtica dioica</i> (Common Nettle). North and south of the proposed crossing point the hedge is trimmed to below 2 m. |  |                                                   |                          |   |   |
| CONCLUSION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                   |                          |   |   |
| Average Number of Schedule 3 Species per 30m Stretch:                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | 3                                                 |                          |   |   |
| Number of Features:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | 2                                                 |                          |   |   |
| Special Qualifying Species:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  | 0                                                 |                          |   |   |
| Threshold Altering Factors:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  | 0                                                 |                          |   |   |

| <b>Hedge Number:</b>                                                                                                                                                                                                                                               |  | <b>93</b>            |                             |          |          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------|-----------------------------|----------|----------|
| <b>STATUS:</b>                                                                                                                                                                                                                                                     |  | <b>Not Important</b> |                             |          |          |
| <b>SCHEDULE 3 WOODY SPECIES</b>                                                                                                                                                                                                                                    |  | In whole<br>hedge    | In 30 m sample<br>stretches |          |          |
|                                                                                                                                                                                                                                                                    |  |                      | <b>XPt</b>                  | <b>2</b> | <b>3</b> |
| <i>Cornus sanguinea</i> (Dogwood)                                                                                                                                                                                                                                  |  | ✓                    | -                           | ✓        | -        |
| <i>Crataegus monogyna</i> (Hawthorn)                                                                                                                                                                                                                               |  | ✓                    | ✓ (15%)                     | ✓        | ✓        |
| <i>Fraxinus excelsior</i> (Ash)                                                                                                                                                                                                                                    |  | ✓                    | -                           | ✓        | -        |
| <i>Ligustrum vulgare</i> (Wild Privet)                                                                                                                                                                                                                             |  | ✓                    | ✓ (5%)                      | -        | -        |
| <i>Prunus spinosa</i> (Blackthorn)                                                                                                                                                                                                                                 |  | ✓                    | ✓ (70%)                     | ✓        | ✓        |
| <i>Quercus robur</i> (Pedunculate Oak)                                                                                                                                                                                                                             |  | ✓                    | -                           | -        | -        |
| <i>Rosa canina</i> (Dog-rose)                                                                                                                                                                                                                                      |  | ✓                    | ✓ (5%)                      | ✓        | -        |
| <i>Sambucus nigra</i> (Elder)                                                                                                                                                                                                                                      |  | ✓                    | ✓ (5%)                      | ✓        | ✓        |
| <i>Ulmus procera</i> (English Elm)                                                                                                                                                                                                                                 |  | ✓                    | -                           | -        | -        |
| <b>Total - Schedule 3 species:</b>                                                                                                                                                                                                                                 |  | <b>9</b>             | <b>5</b>                    | <b>6</b> | <b>3</b> |
| <b>OTHER WOODY SPECIES</b>                                                                                                                                                                                                                                         |  |                      |                             |          |          |
| None                                                                                                                                                                                                                                                               |  | -                    | -                           | -        | -        |
| <b>Total - All Woody Species:</b>                                                                                                                                                                                                                                  |  | <b>9</b>             | <b>5</b>                    | <b>6</b> | <b>3</b> |
| <b>FEATURES</b>                                                                                                                                                                                                                                                    |  |                      |                             |          |          |
| <b>Supporting bank or wall:</b>                                                                                                                                                                                                                                    |  | ✓                    |                             |          |          |
| <b>Less than 10% gaps:</b>                                                                                                                                                                                                                                         |  | -                    |                             |          |          |
| <b>Standard trees:</b>                                                                                                                                                                                                                                             |  | -                    |                             |          |          |
| <b>Ditch for &gt;50% of hedgerow length:</b>                                                                                                                                                                                                                       |  | ✓                    |                             |          |          |
| <b>Parallel hedge within 15m:</b>                                                                                                                                                                                                                                  |  | -                    |                             |          |          |
| <b>Four or more connection points:</b>                                                                                                                                                                                                                             |  | -(2)                 |                             |          |          |
| Connections: 0 hedge(s), 0 ponds(s) and 1 wood(s) = (2) points                                                                                                                                                                                                     |  |                      |                             |          |          |
| <b>Three or more Schedule 2 species:</b>                                                                                                                                                                                                                           |  | ✓(3)                 |                             |          |          |
| Schedule 2 Species: <i>Arum maculatum</i> , <i>Brachypodium sylvaticum</i> , <i>Hyacinthoides non-scripta</i>                                                                                                                                                      |  |                      |                             |          |          |
| <b>PHASE 1 DESCRIPTION</b>                                                                                                                                                                                                                                         |  |                      |                             |          |          |
| A dense hedge about 3 m high and wide dominated by <i>Crataegus monogyna</i> (Hawthorn) and <i>Prunus spinosa</i> (Blackthorn) with <i>Cornus sanguinea</i> (Dogwood) and <i>Ligustrum vulgare</i> (Wild Privet). The ground flora under the hedge is very sparse. |  |                      |                             |          |          |
| <b>CONCLUSION</b>                                                                                                                                                                                                                                                  |  |                      |                             |          |          |
| <b>Average Number of Schedule 3 Species per 30m Stretch:</b>                                                                                                                                                                                                       |  | 4.6699999999999999   |                             |          |          |
| <b>Number of Features:</b>                                                                                                                                                                                                                                         |  | 3                    |                             |          |          |
| <b>Special Qualifying Species:</b>                                                                                                                                                                                                                                 |  | 0                    |                             |          |          |
| <b>Threshold Altering Factors:</b>                                                                                                                                                                                                                                 |  | 0                    |                             |          |          |

| Hedge Number:                                                                                                                                                                                                                                                                                                                     |  | 116               |                             |          |          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------|-----------------------------|----------|----------|
| STATUS:                                                                                                                                                                                                                                                                                                                           |  | Not Important     |                             |          |          |
| SCHEDULE 3 WOODY SPECIES                                                                                                                                                                                                                                                                                                          |  | In whole<br>hedge | In 30 m sample<br>stretches |          |          |
|                                                                                                                                                                                                                                                                                                                                   |  |                   | XPt                         | 2        | 3        |
| <i>Crataegus monogyna</i> (Hawthorn)                                                                                                                                                                                                                                                                                              |  | ✓                 | ✓(30%)                      | -        | -        |
| <i>Euonymus europaeus</i> (Spindle)                                                                                                                                                                                                                                                                                               |  | ✓                 | ✓(10%)                      | -        | -        |
| <i>Fraxinus excelsior</i> (Ash)                                                                                                                                                                                                                                                                                                   |  | ✓                 | ✓(5%)                       | -        | -        |
| <i>Ligustrum vulgare</i> (Wild Privet)                                                                                                                                                                                                                                                                                            |  | ✓                 | -                           | -        | -        |
| <i>Prunus spinosa</i> (Blackthorn)                                                                                                                                                                                                                                                                                                |  | ✓                 | ✓(40%)                      | -        | -        |
| <i>Rosa canina</i> (Dog-rose)                                                                                                                                                                                                                                                                                                     |  | ✓                 | ✓(10%)                      | -        | -        |
| <i>Sambucus nigra</i> (Elder)                                                                                                                                                                                                                                                                                                     |  | ✓                 | -                           | -        | -        |
| <i>Viburnum lantana</i> (Wayfaring-tree)                                                                                                                                                                                                                                                                                          |  | ✓                 | -                           | -        | -        |
| <b>Total - Schedule 3 species:</b>                                                                                                                                                                                                                                                                                                |  | <b>8</b>          | <b>5</b>                    | <b>0</b> | <b>0</b> |
| OTHER WOODY SPECIES                                                                                                                                                                                                                                                                                                               |  |                   |                             |          |          |
| <i>Acer pseudoplatanus</i> (Sycamore)                                                                                                                                                                                                                                                                                             |  | ✓                 | ✓(5%)                       | -        | -        |
| <b>Total - All Woody Species:</b>                                                                                                                                                                                                                                                                                                 |  | <b>9</b>          | <b>6</b>                    | <b>0</b> | <b>0</b> |
| FEATURES                                                                                                                                                                                                                                                                                                                          |  |                   |                             |          |          |
| <i>Supporting bank or wall:</i>                                                                                                                                                                                                                                                                                                   |  | -                 |                             |          |          |
| <i>Less than 10% gaps:</i>                                                                                                                                                                                                                                                                                                        |  | -                 |                             |          |          |
| <i>Standard trees:</i>                                                                                                                                                                                                                                                                                                            |  | -                 |                             |          |          |
| <i>Ditch for &gt;50% of hedgerow length:</i>                                                                                                                                                                                                                                                                                      |  | -                 |                             |          |          |
| <i>Parallel hedge within 15m:</i>                                                                                                                                                                                                                                                                                                 |  | ✓                 |                             |          |          |
| <i>Four or more connection points:</i>                                                                                                                                                                                                                                                                                            |  | -(0)              |                             |          |          |
| Connections: None                                                                                                                                                                                                                                                                                                                 |  |                   |                             |          |          |
| <i>Three or more Schedule 2 species:</i>                                                                                                                                                                                                                                                                                          |  | -(0)              |                             |          |          |
| Schedule 2 Species: None                                                                                                                                                                                                                                                                                                          |  |                   |                             |          |          |
| PHASE 1 DESCRIPTION                                                                                                                                                                                                                                                                                                               |  |                   |                             |          |          |
| A roadside hedge about 1.6 m high and wide comprising a mixture of species including <i>Crataegus monogyna</i> (Hawthorn), <i>Prunus spinosa</i> (Blackthorn), <i>Rosa canina</i> (Dog-rose), <i>Sambucus nigra</i> (Elder) and <i>Viburnum lantana</i> (Wayfaring-tree). It has no connection points with other hedges or woods. |  |                   |                             |          |          |
| CONCLUSION                                                                                                                                                                                                                                                                                                                        |  |                   |                             |          |          |
| <i>Average Number of Schedule 3 Species per 30m Stretch:</i>                                                                                                                                                                                                                                                                      |  | 5                 |                             |          |          |
| <i>Number of Features:</i>                                                                                                                                                                                                                                                                                                        |  | 1                 |                             |          |          |
| <i>Special Qualifying Species:</i>                                                                                                                                                                                                                                                                                                |  | 0                 |                             |          |          |
| <i>Threshold Altering Factors:</i>                                                                                                                                                                                                                                                                                                |  | 0                 |                             |          |          |

| Hedge Number:                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | 117                |                          |          |          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------|--------------------------|----------|----------|
| STATUS:                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  | Not Important      |                          |          |          |
| SCHEDULE 3 WOODY SPECIES                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | In whole hedge     | In 30 m sample stretches |          |          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                    | XPt                      | 2        | 3        |
| <i>Acer campestre</i> (Field Maple)                                                                                                                                                                                                                                                                                                                                                                                                                              |  | ✓                  | ✓ (20%)                  | -        | -        |
| <i>Crataegus monogyna</i> (Hawthorn)                                                                                                                                                                                                                                                                                                                                                                                                                             |  | ✓                  | ✓ (20%)                  | ✓        | ✓        |
| <i>Ligustrum vulgare</i> (Wild Privet)                                                                                                                                                                                                                                                                                                                                                                                                                           |  | ✓                  | ✓ (1%)                   | ✓        | -        |
| <i>Prunus spinosa</i> (Blackthorn)                                                                                                                                                                                                                                                                                                                                                                                                                               |  | ✓                  | ✓ (32%)                  | -        | -        |
| <i>Rosa canina</i> (Dog-rose)                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | ✓                  | ✓ (10%)                  | ✓        | ✓        |
| <i>Sambucus nigra</i> (Elder)                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | ✓                  | ✓ (10%)                  | ✓        | -        |
| <i>Viburnum lantana</i> (Wayfaring-tree)                                                                                                                                                                                                                                                                                                                                                                                                                         |  | ✓                  | ✓ (5%)                   | -        | -        |
| <b>Total - Schedule 3 species:</b>                                                                                                                                                                                                                                                                                                                                                                                                                               |  | <b>7</b>           | <b>7</b>                 | <b>4</b> | <b>2</b> |
| OTHER WOODY SPECIES                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |                    |                          |          |          |
| <i>Acer pseudoplatanus</i> (Sycamore)                                                                                                                                                                                                                                                                                                                                                                                                                            |  | ✓                  | ✓ (2%)                   | -        | -        |
| <b>Total - All Woody Species:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                |  | <b>8</b>           | <b>8</b>                 | <b>4</b> | <b>2</b> |
| FEATURES                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                    |                          |          |          |
| <b>Supporting bank or wall:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | ✓                  |                          |          |          |
| <b>Less than 10% gaps:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                       |  | -                  |                          |          |          |
| <b>Standard trees:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | -                  |                          |          |          |
| <b>Ditch for &gt;50% of hedgerow length:</b>                                                                                                                                                                                                                                                                                                                                                                                                                     |  | -                  |                          |          |          |
| <b>Parallel hedge within 15m:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                |  | ✓                  |                          |          |          |
| <b>Four or more connection points:</b>                                                                                                                                                                                                                                                                                                                                                                                                                           |  | -(2)               |                          |          |          |
| Connections: 2 hedge(s), 0 ponds(s) and 0 wood(s) = (2) points                                                                                                                                                                                                                                                                                                                                                                                                   |  |                    |                          |          |          |
| <b>Three or more Schedule 2 species:</b>                                                                                                                                                                                                                                                                                                                                                                                                                         |  | -(0)               |                          |          |          |
| Schedule 2 Species: None                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                    |                          |          |          |
| PHASE 1 DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |                    |                          |          |          |
| A hedge of similar height and width to <i>Target Note 116</i> , however, it is largely dominated by <i>Crataegus monogyna</i> (Hawthorn) with <i>Prunus spinosa</i> (Blackthorn), <i>Rosa canina</i> (Dog-rose) and <i>Sambucus nigra</i> (Elder) the only other frequent shrubs. There is a narrow verge of <b>MG1b Arrhenatherum elatius grassland, Urtica dioica sub-community</b> at the roadside with locally abundant <i>Lepidium draba</i> (Hoary Cress). |  |                    |                          |          |          |
| CONCLUSION                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |                    |                          |          |          |
| <b>Average Number of Schedule 3 Species per 30m Stretch:</b>                                                                                                                                                                                                                                                                                                                                                                                                     |  | 4.3300000000000001 |                          |          |          |
| <b>Number of Features:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                       |  | 2                  |                          |          |          |
| <b>Special Qualifying Species:</b>                                                                                                                                                                                                                                                                                                                                                                                                                               |  | 0                  |                          |          |          |
| <b>Threshold Altering Factors:</b>                                                                                                                                                                                                                                                                                                                                                                                                                               |  | 0                  |                          |          |          |

| <b>Hedge Number:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                            |  | <b>119</b>           |                             |          |          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------|-----------------------------|----------|----------|
| <b>STATUS:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | <b>Not Important</b> |                             |          |          |
| <b>SCHEDULE 3 WOODY SPECIES</b>                                                                                                                                                                                                                                                                                                                                                                                                                                 |  | In whole<br>hedge    | In 30 m sample<br>stretches |          |          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |                      | <b>XPt</b>                  | <b>2</b> | <b>3</b> |
| <i>Acer campestre</i> (Field Maple)                                                                                                                                                                                                                                                                                                                                                                                                                             |  | ✓                    | -                           | -        | ✓        |
| <i>Alnus glutinosa</i> (Alder)                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | ✓                    | -                           | -        | -        |
| <i>Cornus sanguinea</i> (Dogwood)                                                                                                                                                                                                                                                                                                                                                                                                                               |  | ✓                    | -                           | -        | ✓        |
| <i>Corylus avellana</i> (Hazel)                                                                                                                                                                                                                                                                                                                                                                                                                                 |  | ✓                    | -                           | -        | ✓        |
| <i>Euonymus europaeus</i> (Spindle)                                                                                                                                                                                                                                                                                                                                                                                                                             |  | ✓                    | -                           | -        | -        |
| <i>Fraxinus excelsior</i> (Ash)                                                                                                                                                                                                                                                                                                                                                                                                                                 |  | ✓                    | -                           | -        | -        |
| <i>Prunus spinosa</i> (Blackthorn)                                                                                                                                                                                                                                                                                                                                                                                                                              |  | ✓                    | ✓ (80%)                     | ✓        | ✓        |
| <i>Quercus robur</i> (Pedunculate Oak)                                                                                                                                                                                                                                                                                                                                                                                                                          |  | ✓                    | -                           | -        | -        |
| <i>Rosa canina</i> (Dog-rose)                                                                                                                                                                                                                                                                                                                                                                                                                                   |  | ✓                    | -                           | ✓        | ✓        |
| <i>Sambucus nigra</i> (Elder)                                                                                                                                                                                                                                                                                                                                                                                                                                   |  | ✓                    | ✓ (20%)                     | ✓        | ✓        |
| <b>Total - Schedule 3 species:</b>                                                                                                                                                                                                                                                                                                                                                                                                                              |  | <b>10</b>            | <b>2</b>                    | <b>3</b> | <b>6</b> |
| <b>OTHER WOODY SPECIES</b>                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                      |                             |          |          |
| <i>Acer pseudoplatanus</i>                                                                                                                                                                                                                                                                                                                                                                                                                                      |  | ✓                    | -                           | -        | -        |
| <b>Total - All Woody Species:</b>                                                                                                                                                                                                                                                                                                                                                                                                                               |  | <b>11</b>            | <b>2</b>                    | <b>3</b> | <b>6</b> |
| <b>FEATURES</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |                      |                             |          |          |
| <b>Supporting bank or wall:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                 |  | ✓                    |                             |          |          |
| <b>Less than 10% gaps:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                      |  | ✓                    |                             |          |          |
| <b>Standard trees:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                          |  | ✓                    |                             |          |          |
| <b>Ditch for &gt;50% of hedgerow length:</b>                                                                                                                                                                                                                                                                                                                                                                                                                    |  | -                    |                             |          |          |
| <b>Parallel hedge within 15m:</b>                                                                                                                                                                                                                                                                                                                                                                                                                               |  | -                    |                             |          |          |
| <b>Four or more connection points:</b>                                                                                                                                                                                                                                                                                                                                                                                                                          |  | -(3)                 |                             |          |          |
| <b>Connections:</b> 1 hedge(s), 0 ponds(s) and 1 wood(s) = (3) points                                                                                                                                                                                                                                                                                                                                                                                           |  |                      |                             |          |          |
| <b>Three or more Schedule 2 species:</b>                                                                                                                                                                                                                                                                                                                                                                                                                        |  | -(2)                 |                             |          |          |
| <b>Schedule 2 Species:</b> <i>Arum maculatum</i> , <i>Hyacinthoides non-scripta</i>                                                                                                                                                                                                                                                                                                                                                                             |  |                      |                             |          |          |
| <b>PHASE 1 DESCRIPTION</b>                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                      |                             |          |          |
| A gappy field hedge about 1.5 m tall containing <i>Crataegus monogyna</i> (Hawthorn), <i>Euonymus europaeus</i> (Spindle), <i>Prunus spinosa</i> (Blackthorn), <i>Rosa canina</i> (Dog-rose) and <i>Sambucus nigra</i> (Elder). The field-layer is species-poor with typical species including <i>Anthriscus sylvestris</i> (Cow Parsley), <i>Arum maculatum</i> (Lords-and-Ladies), <i>Galium aparine</i> (Cleavers) and <i>Urtica dioica</i> (Common Nettle). |  |                      |                             |          |          |
| <b>CONCLUSION</b>                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                      |                             |          |          |
| <b>Average Number of Schedule 3 Species per 30m Stretch:</b>                                                                                                                                                                                                                                                                                                                                                                                                    |  | 3.6699999999999999   |                             |          |          |
| <b>Number of Features:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                      |  | 3                    |                             |          |          |
| <b>Special Qualifying Species:</b>                                                                                                                                                                                                                                                                                                                                                                                                                              |  | 0                    |                             |          |          |
| <b>Threshold Altering Factors:</b>                                                                                                                                                                                                                                                                                                                                                                                                                              |  | 0                    |                             |          |          |

| <b>Hedge Number:</b>                                                                                                                                                                                                                                                                                                                                                    |  | <b>121</b>           |                             |          |          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------|-----------------------------|----------|----------|
| <b>STATUS:</b>                                                                                                                                                                                                                                                                                                                                                          |  | <b>Not Important</b> |                             |          |          |
| <b>SCHEDULE 3 WOODY SPECIES</b>                                                                                                                                                                                                                                                                                                                                         |  | In whole<br>hedge    | In 30 m sample<br>stretches |          |          |
|                                                                                                                                                                                                                                                                                                                                                                         |  |                      | <b>XPt</b>                  | <b>2</b> | <b>3</b> |
| <i>Corylus avellana</i> (Hazel)                                                                                                                                                                                                                                                                                                                                         |  | ✓                    | -                           | -        | -        |
| <i>Crataegus monogyna</i> (Hawthorn)                                                                                                                                                                                                                                                                                                                                    |  | ✓                    | ✓ (75%)                     | ✓        | ✓        |
| <i>Fraxinus excelsior</i> (Ash)                                                                                                                                                                                                                                                                                                                                         |  | ✓                    | -                           | -        | -        |
| <i>Ligustrum vulgare</i> (Wild Privet)                                                                                                                                                                                                                                                                                                                                  |  | ✓                    | -                           | -        | -        |
| <i>Prunus spinosa</i> (Blackthorn)                                                                                                                                                                                                                                                                                                                                      |  | ✓                    | -                           | -        | -        |
| <i>Rosa canina</i> (Dog-rose)                                                                                                                                                                                                                                                                                                                                           |  | ✓                    | -                           | -        | -        |
| <i>Sambucus nigra</i> (Elder)                                                                                                                                                                                                                                                                                                                                           |  | ✓                    | ✓ (25%)                     | ✓        | -        |
| <b>Total - Schedule 3 species:</b>                                                                                                                                                                                                                                                                                                                                      |  | <b>7</b>             | <b>2</b>                    | <b>2</b> | <b>1</b> |
| <b>OTHER WOODY SPECIES</b>                                                                                                                                                                                                                                                                                                                                              |  |                      |                             |          |          |
| <i>Acer pseudoplatanus</i> (Sycamore)                                                                                                                                                                                                                                                                                                                                   |  | ✓                    | -                           | -        | -        |
| <b>Total - All Woody Species:</b>                                                                                                                                                                                                                                                                                                                                       |  | <b>8</b>             | <b>2</b>                    | <b>2</b> | <b>1</b> |
| <b>FEATURES</b>                                                                                                                                                                                                                                                                                                                                                         |  |                      |                             |          |          |
| <b>Supporting bank or wall:</b>                                                                                                                                                                                                                                                                                                                                         |  | -                    |                             |          |          |
| <b>Less than 10% gaps:</b>                                                                                                                                                                                                                                                                                                                                              |  | ✓                    |                             |          |          |
| <b>Standard trees:</b>                                                                                                                                                                                                                                                                                                                                                  |  | -                    |                             |          |          |
| <b>Ditch for &gt;50% of hedgerow length:</b>                                                                                                                                                                                                                                                                                                                            |  | ✓                    |                             |          |          |
| <b>Parallel hedge within 15m:</b>                                                                                                                                                                                                                                                                                                                                       |  | -                    |                             |          |          |
| <b>Four or more connection points:</b>                                                                                                                                                                                                                                                                                                                                  |  | ✓ (5)                |                             |          |          |
| <b>Connections:</b> 3 hedge(s), 0 ponds(s) and 1 wood(s) = (5) points                                                                                                                                                                                                                                                                                                   |  |                      |                             |          |          |
| <b>Three or more Schedule 2 species:</b>                                                                                                                                                                                                                                                                                                                                |  | -(2)                 |                             |          |          |
| <b>Schedule 2 Species:</b> <i>Arum maculatum</i> , <i>Hyacinthoides non-scripta</i>                                                                                                                                                                                                                                                                                     |  |                      |                             |          |          |
| <b>PHASE 1 DESCRIPTION</b>                                                                                                                                                                                                                                                                                                                                              |  |                      |                             |          |          |
| A very species-poor hedge about 2 m high and wide dominated by <i>Crataegus monogyna</i> (Hawthorn) with <i>Rosa canina</i> (Dog-rose). An adjacent ditch contains scarcely any water and the ditch banks and hedge field-layer are both characterised by semi-ruderal species such as <i>Rubus fruticosus</i> agg. (Bramble) and <i>Urtica dioica</i> (Common Nettle). |  |                      |                             |          |          |
| <b>CONCLUSION</b>                                                                                                                                                                                                                                                                                                                                                       |  |                      |                             |          |          |
| <b>Average Number of Schedule 3 Species per 30m Stretch:</b>                                                                                                                                                                                                                                                                                                            |  | 1.6699999999999999   |                             |          |          |
| <b>Number of Features:</b>                                                                                                                                                                                                                                                                                                                                              |  | 3                    |                             |          |          |
| <b>Special Qualifying Species:</b>                                                                                                                                                                                                                                                                                                                                      |  | 0                    |                             |          |          |
| <b>Threshold Altering Factors:</b>                                                                                                                                                                                                                                                                                                                                      |  | 0                    |                             |          |          |

| Hedge Number:                                                                                                                                                                                                                                                                                                                                                                                         |  | 122                                               |                          |   |   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------|--------------------------|---|---|
| STATUS:                                                                                                                                                                                                                                                                                                                                                                                               |  | Not Important                                     |                          |   |   |
| SCHEDULE 3 WOODY SPECIES                                                                                                                                                                                                                                                                                                                                                                              |  | In whole hedge                                    | In 30 m sample stretches |   |   |
|                                                                                                                                                                                                                                                                                                                                                                                                       |  |                                                   | XPt                      | 2 | 3 |
| Cornus sanguinea (Dogwood)                                                                                                                                                                                                                                                                                                                                                                            |  | ✓                                                 | -                        | - | - |
| Crataegus monogyna (Hawthorn)                                                                                                                                                                                                                                                                                                                                                                         |  | ✓                                                 | ✓(2%)                    | ✓ | ✓ |
| Fraxinus excelsior (Ash)                                                                                                                                                                                                                                                                                                                                                                              |  | ✓                                                 | -                        | - | - |
| Ligustrum vulgare (Wild Privet)                                                                                                                                                                                                                                                                                                                                                                       |  | ✓                                                 | -                        | - | - |
| Prunus spinosa (Blackthorn)                                                                                                                                                                                                                                                                                                                                                                           |  | ✓                                                 | ✓(95%)                   | ✓ | - |
| Quercus robur (Pedunculate Oak)                                                                                                                                                                                                                                                                                                                                                                       |  | ✓                                                 | -                        | - | - |
| Rosa canina (Dog-rose)                                                                                                                                                                                                                                                                                                                                                                                |  | ✓                                                 | ✓(2%)                    | ✓ | ✓ |
| Sambucus nigra (Elder)                                                                                                                                                                                                                                                                                                                                                                                |  | ✓                                                 | -                        | ✓ | - |
| Total - Schedule 3 species:                                                                                                                                                                                                                                                                                                                                                                           |  | 8                                                 | 3                        | 4 | 2 |
| OTHER WOODY SPECIES                                                                                                                                                                                                                                                                                                                                                                                   |  |                                                   |                          |   |   |
| Acer pseudoplatanus (Sycamore)                                                                                                                                                                                                                                                                                                                                                                        |  | ✓                                                 | ✓(1%)                    | ✓ | ✓ |
| Total - All Woody Species:                                                                                                                                                                                                                                                                                                                                                                            |  | 9                                                 | 4                        | 4 | 2 |
| FEATURES                                                                                                                                                                                                                                                                                                                                                                                              |  |                                                   |                          |   |   |
| Supporting bank or wall:                                                                                                                                                                                                                                                                                                                                                                              |  | -                                                 |                          |   |   |
| Less than 10% gaps:                                                                                                                                                                                                                                                                                                                                                                                   |  | ✓                                                 |                          |   |   |
| Standard trees:                                                                                                                                                                                                                                                                                                                                                                                       |  | -                                                 |                          |   |   |
| Ditch for >50% of hedgerow length:                                                                                                                                                                                                                                                                                                                                                                    |  | -                                                 |                          |   |   |
| Parallel hedge within 15m:                                                                                                                                                                                                                                                                                                                                                                            |  | ✓                                                 |                          |   |   |
| Four or more connection points:                                                                                                                                                                                                                                                                                                                                                                       |  | ✓(4)                                              |                          |   |   |
| Connections:                                                                                                                                                                                                                                                                                                                                                                                          |  | 4 hedge(s), 0 ponds(s) and 0 wood(s) = (4) points |                          |   |   |
| Three or more Schedule 2 species:                                                                                                                                                                                                                                                                                                                                                                     |  | -(2)                                              |                          |   |   |
| Schedule 2 Species:                                                                                                                                                                                                                                                                                                                                                                                   |  | Arum maculatum, Brachypodium sylvaticum           |                          |   |   |
| PHASE 1 DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                   |  |                                                   |                          |   |   |
| A trackside hedge trimmed to a height and width of about 1.7 m and dominated by Crataegus monogyna (Hawthorn) with other species such as Acer pseudoplatanus (Sycamore), Rosa canina (Dog-rose) and Sambucus nigra (Elder). It has a weedy field-layer characterised by Anthriscus sylvestris (Cow Parsley), Arum maculatum (Lords-and-Ladies), Hedera helix (Ivy) and Urtica dioica (Common Nettle). |  |                                                   |                          |   |   |
| CONCLUSION                                                                                                                                                                                                                                                                                                                                                                                            |  |                                                   |                          |   |   |
| Average Number of Schedule 3 Species per 30m Stretch:                                                                                                                                                                                                                                                                                                                                                 |  | 3                                                 |                          |   |   |
| Number of Features:                                                                                                                                                                                                                                                                                                                                                                                   |  | 3                                                 |                          |   |   |
| Special Qualifying Species:                                                                                                                                                                                                                                                                                                                                                                           |  | 0                                                 |                          |   |   |
| Threshold Altering Factors:                                                                                                                                                                                                                                                                                                                                                                           |  | 0                                                 |                          |   |   |

| Hedge Number:                                         |  | 122a                                              |                             |   |   |
|-------------------------------------------------------|--|---------------------------------------------------|-----------------------------|---|---|
| STATUS:                                               |  | Not Important                                     |                             |   |   |
| SCHEDULE 3 WOODY SPECIES                              |  | In whole<br>hedge                                 | In 30 m sample<br>stretches |   |   |
|                                                       |  |                                                   | XPt                         | 2 | 3 |
| Crataegus monogyna (Hawthorn)                         |  | ✓                                                 | ✓(11%)                      | ✓ | - |
| Euonymus europaeus (Spindle)                          |  | ✓                                                 | -                           | - | - |
| Ligustrum vulgare (Wild Privet)                       |  | ✓                                                 | ✓(2%)                       | - | - |
| Prunus spinosa (Blackthorn)                           |  | ✓                                                 | ✓(85%)                      | - | - |
| Rosa canina (Dog-rose)                                |  | ✓                                                 | ✓(2%)                       | ✓ | - |
| Total - Schedule 3 species:                           |  | 5                                                 | 4                           | 2 | 0 |
| OTHER WOODY SPECIES                                   |  |                                                   |                             |   |   |
| Acer pseudoplatanus (Sycamore)                        |  | ✓                                                 | -                           | ✓ | - |
| Total - All Woody Species:                            |  | 6                                                 | 4                           | 2 | 0 |
| FEATURES                                              |  |                                                   |                             |   |   |
| Supporting bank or wall:                              |  | -                                                 |                             |   |   |
| Less than 10% gaps:                                   |  | -                                                 |                             |   |   |
| Standard trees:                                       |  | -                                                 |                             |   |   |
| Ditch for >50% of hedgerow length:                    |  | -                                                 |                             |   |   |
| Parallel hedge within 15m:                            |  | ✓                                                 |                             |   |   |
| Four or more connection points:                       |  | -(2)                                              |                             |   |   |
| Connections:                                          |  | 2 hedge(s), 0 ponds(s) and 0 wood(s) = (2) points |                             |   |   |
| Three or more Schedule 2 species:                     |  | -(1)                                              |                             |   |   |
| Schedule 2 Species:                                   |  | Arum maculatum                                    |                             |   |   |
| PHASE 1 DESCRIPTION                                   |  |                                                   |                             |   |   |
| A hedge similar to Target Note 122.                   |  |                                                   |                             |   |   |
| CONCLUSION                                            |  |                                                   |                             |   |   |
| Average Number of Schedule 3 Species per 30m Stretch: |  | 3                                                 |                             |   |   |
| Number of Features:                                   |  | 1                                                 |                             |   |   |
| Special Qualifying Species:                           |  | 0                                                 |                             |   |   |
| Threshold Altering Factors:                           |  | 0                                                 |                             |   |   |

| Hedge Number:                                                                                                                                                                                                                                                                                             |  | 124                |                             |   |   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------|-----------------------------|---|---|
| STATUS:                                                                                                                                                                                                                                                                                                   |  | Not Important      |                             |   |   |
| SCHEDULE 3 WOODY SPECIES                                                                                                                                                                                                                                                                                  |  | In whole<br>hedge  | In 30 m sample<br>stretches |   |   |
|                                                                                                                                                                                                                                                                                                           |  |                    | XPt                         | 2 | 3 |
| Cornus sanguinea (Dogwood)                                                                                                                                                                                                                                                                                |  | ✓                  | -                           | - | ✓ |
| Corylus avellana (Hazel)                                                                                                                                                                                                                                                                                  |  | ✓                  | -                           | - | - |
| Crataegus monogyna (Hawthorn)                                                                                                                                                                                                                                                                             |  | ✓                  | ✓(1%)                       | ✓ | ✓ |
| Euonymus europaeus (Spindle)                                                                                                                                                                                                                                                                              |  | ✓                  | -                           | - | - |
| Ligustrum vulgare (Wild Privet)                                                                                                                                                                                                                                                                           |  | ✓                  | -                           | - | - |
| Prunus spinosa (Blackthorn)                                                                                                                                                                                                                                                                               |  | ✓                  | ✓(98%)                      | ✓ | ✓ |
| Quercus robur (Pedunculate Oak)                                                                                                                                                                                                                                                                           |  | ✓                  | -                           | - | ✓ |
| Rosa canina (Dog-rose)                                                                                                                                                                                                                                                                                    |  | ✓                  | -                           | - | - |
| Sambucus nigra (Elder)                                                                                                                                                                                                                                                                                    |  | ✓                  | -                           | - | - |
| Total - Schedule 3 species:                                                                                                                                                                                                                                                                               |  | 9                  | 2                           | 2 | 4 |
| OTHER WOODY SPECIES                                                                                                                                                                                                                                                                                       |  |                    |                             |   |   |
| Acer pseudoplatanus (Sycamore)                                                                                                                                                                                                                                                                            |  | ✓                  | ✓(1%)                       | - | - |
| Prunus domestica (Wild Plum)                                                                                                                                                                                                                                                                              |  | ✓                  | -                           | - | - |
| Total - All Woody Species:                                                                                                                                                                                                                                                                                |  | 11                 | 3                           | 2 | 4 |
| FEATURES                                                                                                                                                                                                                                                                                                  |  |                    |                             |   |   |
| Supporting bank or wall:                                                                                                                                                                                                                                                                                  |  | -                  |                             |   |   |
| Less than 10% gaps:                                                                                                                                                                                                                                                                                       |  | -                  |                             |   |   |
| Standard trees:                                                                                                                                                                                                                                                                                           |  | -                  |                             |   |   |
| Ditch for >50% of hedgerow length:                                                                                                                                                                                                                                                                        |  | -                  |                             |   |   |
| Parallel hedge within 15m:                                                                                                                                                                                                                                                                                |  | -                  |                             |   |   |
| Four or more connection points:                                                                                                                                                                                                                                                                           |  | ✓(4)               |                             |   |   |
| Connections: 2 hedge(s), 0 ponds(s) and 1 wood(s) = (4) points                                                                                                                                                                                                                                            |  |                    |                             |   |   |
| Three or more Schedule 2 species:                                                                                                                                                                                                                                                                         |  | -(1)               |                             |   |   |
| Schedule 2 Species:                                                                                                                                                                                                                                                                                       |  | Arum maculatum     |                             |   |   |
| PHASE 1 DESCRIPTION                                                                                                                                                                                                                                                                                       |  |                    |                             |   |   |
| A hedge with a public footpath alongside it. The hedge is 2.5 m high and wide and comprises a dense mixture of Crataegus monogyna (Hawthorn) and Prunus spinosa (Blackthorn) together with Cornus sanguinea (Dogwood) and a small amount of Sambucus nigra (Elder). The field-layer is sparse underneath. |  |                    |                             |   |   |
| CONCLUSION                                                                                                                                                                                                                                                                                                |  |                    |                             |   |   |
| Average Number of Schedule 3 Species per 30m Stretch:                                                                                                                                                                                                                                                     |  | 2.6699999999999999 |                             |   |   |
| Number of Features:                                                                                                                                                                                                                                                                                       |  | 1                  |                             |   |   |
| Special Qualifying Species:                                                                                                                                                                                                                                                                               |  | 0                  |                             |   |   |
| Threshold Altering Factors:                                                                                                                                                                                                                                                                               |  | 1                  |                             |   |   |

| Hedge Number:                                                                                                                                                                                                                                                               |  | 125                |                             |   |   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------|-----------------------------|---|---|
| STATUS:                                                                                                                                                                                                                                                                     |  | Not Important      |                             |   |   |
| SCHEDULE 3 WOODY SPECIES                                                                                                                                                                                                                                                    |  | In whole<br>hedge  | In 30 m sample<br>stretches |   |   |
|                                                                                                                                                                                                                                                                             |  |                    | XPt                         | 2 | 3 |
| Acer campestre (Field Maple)                                                                                                                                                                                                                                                |  | ✓                  | -                           | ✓ | - |
| Cornus sanguinea (Dogwood)                                                                                                                                                                                                                                                  |  | ✓                  | -                           | ✓ | - |
| Crataegus monogyna (Hawthorn)                                                                                                                                                                                                                                               |  | ✓                  | ✓(70%)                      | ✓ | ✓ |
| Ligustrum vulgare (Wild Privet)                                                                                                                                                                                                                                             |  | ✓                  | ✓(5%)                       | ✓ | ✓ |
| Prunus spinosa (Blackthorn)                                                                                                                                                                                                                                                 |  | ✓                  | -                           | ✓ | ✓ |
| Quercus robur (Pedunculate Oak)                                                                                                                                                                                                                                             |  | ✓                  | -                           | - | ✓ |
| Rosa canina (Dog-rose)                                                                                                                                                                                                                                                      |  | ✓                  | ✓(25%)                      | - | ✓ |
| Total - Schedule 3 species:                                                                                                                                                                                                                                                 |  | 7                  | 3                           | 5 | 5 |
| OTHER WOODY SPECIES                                                                                                                                                                                                                                                         |  |                    |                             |   |   |
| Acer pseudoplatanus (Sycamore)                                                                                                                                                                                                                                              |  | ✓                  | -                           | ✓ | - |
| Prunus domestica (Wild Plum)                                                                                                                                                                                                                                                |  | ✓                  | -                           | ✓ | - |
| Total - All Woody Species:                                                                                                                                                                                                                                                  |  | 9                  | 3                           | 6 | 5 |
| FEATURES                                                                                                                                                                                                                                                                    |  |                    |                             |   |   |
| Supporting bank or wall:                                                                                                                                                                                                                                                    |  | -                  |                             |   |   |
| Less than 10% gaps:                                                                                                                                                                                                                                                         |  | -                  |                             |   |   |
| Standard trees:                                                                                                                                                                                                                                                             |  | -                  |                             |   |   |
| Ditch for >50% of hedgerow length:                                                                                                                                                                                                                                          |  | -                  |                             |   |   |
| Parallel hedge within 15m:                                                                                                                                                                                                                                                  |  | ✓                  |                             |   |   |
| Four or more connection points:                                                                                                                                                                                                                                             |  | ✓(4)               |                             |   |   |
| Connections: 4 hedge(s), 0 ponds(s) and 0 wood(s) = (4) points                                                                                                                                                                                                              |  |                    |                             |   |   |
| Three or more Schedule 2 species:                                                                                                                                                                                                                                           |  | -(1)               |                             |   |   |
| Schedule 2 Species: Arum maculatum                                                                                                                                                                                                                                          |  |                    |                             |   |   |
| PHASE 1 DESCRIPTION                                                                                                                                                                                                                                                         |  |                    |                             |   |   |
| A trackside hedge about 1.7 m high and wide comprising a mixture of Crataegus monogyna (Hawthorn) and Prunus spinosa (Blackthorn) with Rosa canina (Dog-rose). It has a species-poor field-layer of Arum maculatum (Lords-and-Ladies) and Galium aparine (Cleavers) mainly. |  |                    |                             |   |   |
| CONCLUSION                                                                                                                                                                                                                                                                  |  |                    |                             |   |   |
| Average Number of Schedule 3 Species per 30m Stretch:                                                                                                                                                                                                                       |  | 4.3300000000000001 |                             |   |   |
| Number of Features:                                                                                                                                                                                                                                                         |  | 2                  |                             |   |   |
| Special Qualifying Species:                                                                                                                                                                                                                                                 |  | 0                  |                             |   |   |
| Threshold Altering Factors:                                                                                                                                                                                                                                                 |  | 0                  |                             |   |   |

| Hedge Number:                                                              | 126                |                          |   |   |
|----------------------------------------------------------------------------|--------------------|--------------------------|---|---|
| STATUS:                                                                    | Not Important      |                          |   |   |
| SCHEDULE 3 WOODY SPECIES                                                   | In whole hedge     | In 30 m sample stretches |   |   |
|                                                                            |                    | XPt                      | 2 | 3 |
| <i>Acer campestre</i> (Field Maple)                                        | ✓                  | -                        | - | ✓ |
| <i>Cornus sanguinea</i> (Dogwood)                                          | ✓                  | ✓(20%)                   | ✓ | ✓ |
| <i>Crataegus monogyna</i> (Hawthorn)                                       | ✓                  | ✓(40%)                   | - | - |
| <i>Euonymus europaeus</i> (Spindle)                                        | ✓                  | -                        | - | - |
| <i>Fraxinus excelsior</i> (Ash)                                            | ✓                  | -                        | - | - |
| <i>Ligustrum vulgare</i> (Wild Privet)                                     | ✓                  | -                        | - | ✓ |
| <i>Prunus spinosa</i> (Blackthorn)                                         | ✓                  | ✓(15%)                   | ✓ | - |
| <i>Quercus robur</i> (Pedunculate Oak)                                     | ✓                  | ✓(5%)                    | - | ✓ |
| <i>Rosa canina</i> (Dog-rose)                                              | ✓                  | ✓(5%)                    | ✓ | ✓ |
| <i>Salix</i> species (a Willow)                                            | ✓                  | -                        | - | ✓ |
| <i>Sambucus nigra</i> (Elder)                                              | ✓                  | -                        | - | - |
| Total - Schedule 3 species:                                                | 11                 | 5                        | 3 | 6 |
| OTHER WOODY SPECIES                                                        |                    |                          |   |   |
| <i>Acer pseudoplatanus</i> (Sycamore)                                      | ✓                  | ✓(5%)                    | ✓ | - |
| <i>Prunus domestica</i> (Wild Plum)                                        | ✓                  | ✓(10%)                   | - | - |
| Total - All Woody Species:                                                 | 13                 | 7                        | 3 | 6 |
| FEATURES                                                                   |                    |                          |   |   |
| Supporting bank or wall:                                                   | -                  |                          |   |   |
| Less than 10% gaps:                                                        | -                  |                          |   |   |
| Standard trees:                                                            | -                  |                          |   |   |
| Ditch for >50% of hedgerow length:                                         | -                  |                          |   |   |
| Parallel hedge within 15m:                                                 | ✓                  |                          |   |   |
| Four or more connection points:                                            | ✓(4)               |                          |   |   |
| Connections: 4 hedge(s), 0 ponds(s) and 0 wood(s) = (4) points             |                    |                          |   |   |
| Three or more Schedule 2 species:                                          | -(2)               |                          |   |   |
| Schedule 2 Species: <i>Arum maculatum</i> , <i>Brachypodium sylvaticum</i> |                    |                          |   |   |
| PHASE 1 DESCRIPTION                                                        |                    |                          |   |   |
| A hedge similar to Target Note 125.                                        |                    |                          |   |   |
| CONCLUSION                                                                 |                    |                          |   |   |
| Average Number of Schedule 3 Species per 30m Stretch:                      | 4.6699999999999999 |                          |   |   |
| Number of Features:                                                        | 2                  |                          |   |   |
| Special Qualifying Species:                                                | 0                  |                          |   |   |
| Threshold Altering Factors:                                                | 0                  |                          |   |   |

| Hedge Number:                                                                                     | 127                                                         |                             |   |   |
|---------------------------------------------------------------------------------------------------|-------------------------------------------------------------|-----------------------------|---|---|
| STATUS:                                                                                           | Not Important                                               |                             |   |   |
| SCHEDULE 3 WOODY SPECIES                                                                          | In whole<br>hedge                                           | In 30 m sample<br>stretches |   |   |
|                                                                                                   |                                                             | XPt                         | 2 | 3 |
| <i>Cornus sanguinea</i> (Dogwood)                                                                 | ✓                                                           | ✓(20%)                      | - | - |
| <i>Crataegus monogyna</i> (Hawthorn)                                                              | ✓                                                           | ✓(8%)                       | ✓ | ✓ |
| <i>Ligustrum vulgare</i> (Wild Privet)                                                            | ✓                                                           | ✓(1%)                       | - | ✓ |
| <i>Prunus spinosa</i> (Blackthorn)                                                                | ✓                                                           | ✓(65%)                      | ✓ | ✓ |
| <i>Quercus robur</i> (Pedunculate Oak)                                                            | ✓                                                           | -                           | ✓ | - |
| <i>Rosa canina</i> (Dog-rose)                                                                     | ✓                                                           | ✓(5%)                       | ✓ | ✓ |
| <i>Salix</i> species (a Willow)                                                                   | ✓                                                           | -                           | - | - |
| Total - Schedule 3 species:                                                                       | 7                                                           | 5                           | 4 | 4 |
| OTHER WOODY SPECIES                                                                               |                                                             |                             |   |   |
| <i>Acer pseudoplatanus</i> (Sycamore)                                                             | ✓                                                           | ✓(1%)                       | - | - |
| <i>Prunus domestica</i> (Wild Plum)                                                               | ✓                                                           | -                           | - | - |
| Total - All Woody Species:                                                                        | 9                                                           | 6                           | 4 | 4 |
| FEATURES                                                                                          |                                                             |                             |   |   |
| Supporting bank or wall:                                                                          | -                                                           |                             |   |   |
| Less than 10% gaps:                                                                               | -                                                           |                             |   |   |
| Standard trees:                                                                                   | ✓                                                           |                             |   |   |
| Ditch for >50% of hedgerow length:                                                                | ✓                                                           |                             |   |   |
| Parallel hedge within 15m:                                                                        | -                                                           |                             |   |   |
| Four or more connection points:                                                                   | ✓(4)                                                        |                             |   |   |
| Connections:                                                                                      | 4 hedge(s), 0 ponds(s) and 0 wood(s) = (4) points           |                             |   |   |
| Three or more Schedule 2 species:                                                                 | ✓(3)                                                        |                             |   |   |
| Schedule 2 Species:                                                                               | Arum maculatum, Hyacinthoides non-scripta, Primula vulgaris |                             |   |   |
| PHASE 1 DESCRIPTION                                                                               |                                                             |                             |   |   |
| A field hedge consisting mainly of Crataegus monogyna (Hawthorn) and Prunus spinosa (Blackthorn). |                                                             |                             |   |   |
| CONCLUSION                                                                                        |                                                             |                             |   |   |
| Average Number of Schedule 3 Species per 30m Stretch:                                             | 4.3300000000000001                                          |                             |   |   |
| Number of Features:                                                                               | 4                                                           |                             |   |   |
| Special Qualifying Species:                                                                       | 0                                                           |                             |   |   |
| Threshold Altering Factors:                                                                       | 0                                                           |                             |   |   |

| Hedge Number:                                                                                                                                                                                                                                                                                                                                                                         |  | 129                |                          |   |   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------|--------------------------|---|---|
| STATUS:                                                                                                                                                                                                                                                                                                                                                                               |  | Not Important      |                          |   |   |
| SCHEDULE 3 WOODY SPECIES                                                                                                                                                                                                                                                                                                                                                              |  | In whole hedge     | In 30 m sample stretches |   |   |
|                                                                                                                                                                                                                                                                                                                                                                                       |  |                    | XPt                      | 2 | 3 |
| <i>Acer campestre</i> (Field Maple)                                                                                                                                                                                                                                                                                                                                                   |  | ✓                  | -                        | - | - |
| <i>Cornus sanguinea</i> (Dogwood)                                                                                                                                                                                                                                                                                                                                                     |  | ✓                  | -                        | - | ✓ |
| <i>Crataegus monogyna</i> (Hawthorn)                                                                                                                                                                                                                                                                                                                                                  |  | ✓                  | ✓(4%)                    | ✓ | ✓ |
| <i>Ligustrum vulgare</i> (Wild Privet)                                                                                                                                                                                                                                                                                                                                                |  | ✓                  | -                        | - | - |
| <i>Prunus spinosa</i> (Blackthorn)                                                                                                                                                                                                                                                                                                                                                    |  | ✓                  | ✓(95%)                   | ✓ | ✓ |
| <i>Quercus robur</i> (Pedunculate Oak)                                                                                                                                                                                                                                                                                                                                                |  | ✓                  | -                        | ✓ | ✓ |
| <i>Rosa canina</i> (Dog-rose)                                                                                                                                                                                                                                                                                                                                                         |  | ✓                  | ✓(1%)                    | ✓ | ✓ |
| <i>Salix</i> species (a Willow)                                                                                                                                                                                                                                                                                                                                                       |  | ✓                  | -                        | - | - |
| <i>Ulex europaeus</i> (Gorse)                                                                                                                                                                                                                                                                                                                                                         |  | ✓                  | -                        | - | ✓ |
| Total - Schedule 3 species:                                                                                                                                                                                                                                                                                                                                                           |  | 9                  | 3                        | 4 | 6 |
| OTHER WOODY SPECIES                                                                                                                                                                                                                                                                                                                                                                   |  |                    |                          |   |   |
| None                                                                                                                                                                                                                                                                                                                                                                                  |  | -                  | -                        | - | - |
| Total - All Woody Species:                                                                                                                                                                                                                                                                                                                                                            |  | 9                  | 3                        | 4 | 6 |
| FEATURES                                                                                                                                                                                                                                                                                                                                                                              |  |                    |                          |   |   |
| <i>Supporting bank or wall:</i>                                                                                                                                                                                                                                                                                                                                                       |  | -                  |                          |   |   |
| <i>Less than 10% gaps:</i>                                                                                                                                                                                                                                                                                                                                                            |  | -                  |                          |   |   |
| <i>Standard trees:</i>                                                                                                                                                                                                                                                                                                                                                                |  | ✓                  |                          |   |   |
| <i>Ditch for &gt;50% of hedgerow length:</i>                                                                                                                                                                                                                                                                                                                                          |  | ✓                  |                          |   |   |
| <i>Parallel hedge within 15m:</i>                                                                                                                                                                                                                                                                                                                                                     |  | -                  |                          |   |   |
| <i>Four or more connection points:</i>                                                                                                                                                                                                                                                                                                                                                |  | -(0)               |                          |   |   |
| Connections:   None                                                                                                                                                                                                                                                                                                                                                                   |  |                    |                          |   |   |
| <i>Three or more Schedule 2 species:</i>                                                                                                                                                                                                                                                                                                                                              |  | -(0)               |                          |   |   |
| Schedule 2 Species:   None                                                                                                                                                                                                                                                                                                                                                            |  |                    |                          |   |   |
| PHASE 1 DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                   |  |                    |                          |   |   |
| A species-poor hedge strongly dominated by <i>Prunus spinosa</i> (Blackthorn) with the odd shrub of <i>Crataegus monogyna</i> (Hawthorn), <i>Ligustrum vulgare</i> (Wild Privet) and <i>Rosa canina</i> (Dog-rose). It has a few mature <i>Quercus robur</i> (Pedunculate Oak) trees towards the eastern end but is otherwise about 3.5 m high. The field-layer is sparse underneath. |  |                    |                          |   |   |
| CONCLUSION                                                                                                                                                                                                                                                                                                                                                                            |  |                    |                          |   |   |
| <i>Average Number of Schedule 3 Species per 30m Stretch:</i>                                                                                                                                                                                                                                                                                                                          |  | 4.3300000000000001 |                          |   |   |
| <i>Number of Features:</i>                                                                                                                                                                                                                                                                                                                                                            |  | 2                  |                          |   |   |
| <i>Special Qualifying Species:</i>                                                                                                                                                                                                                                                                                                                                                    |  | 0                  |                          |   |   |
| <i>Threshold Altering Factors:</i>                                                                                                                                                                                                                                                                                                                                                    |  | 0                  |                          |   |   |

| Hedge Number:                                                                                                                                                                                                                             | 131                                                    |                          |     |   |   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|--------------------------|-----|---|---|
| STATUS:                                                                                                                                                                                                                                   | Not Important                                          |                          |     |   |   |
| SCHEDULE 3 WOODY SPECIES                                                                                                                                                                                                                  | In whole hedge                                         | In 30 m sample stretches | XPt | 2 | 3 |
| <i>Crataegus monogyna</i> (Hawthorn)                                                                                                                                                                                                      | ✓                                                      | ✓(80%)                   | ✓   | - | - |
| <i>Ligustrum vulgare</i> (Wild Privet)                                                                                                                                                                                                    | ✓                                                      | ✓(1%)                    | -   | - | - |
| <i>Prunus spinosa</i> (Blackthorn)                                                                                                                                                                                                        | ✓                                                      | ✓(15%)                   | ✓   | - | - |
| <i>Quercus robur</i> (Pedunculate Oak)                                                                                                                                                                                                    | ✓                                                      | ✓(2%)                    | -   | - | - |
| <i>Rosa canina</i> (Dog-rose)                                                                                                                                                                                                             | ✓                                                      | ✓(2%)                    | ✓   | - | - |
| <i>Total - Schedule 3 species:</i>                                                                                                                                                                                                        | 5                                                      | 5                        | 3   | 0 |   |
| OTHER WOODY SPECIES                                                                                                                                                                                                                       |                                                        |                          |     |   |   |
| None                                                                                                                                                                                                                                      | -                                                      | -                        | -   | - | - |
| <i>Total - All Woody Species:</i>                                                                                                                                                                                                         | 5                                                      | 5                        | 3   | 0 |   |
| FEATURES                                                                                                                                                                                                                                  |                                                        |                          |     |   |   |
| <i>Supporting bank or wall:</i>                                                                                                                                                                                                           | -                                                      |                          |     |   |   |
| <i>Less than 10% gaps:</i>                                                                                                                                                                                                                | ✓                                                      |                          |     |   |   |
| <i>Standard trees:</i>                                                                                                                                                                                                                    | -                                                      |                          |     |   |   |
| <i>Ditch for &gt;50% of hedgerow length:</i>                                                                                                                                                                                              | ✓                                                      |                          |     |   |   |
| <i>Parallel hedge within 15m:</i>                                                                                                                                                                                                         | -                                                      |                          |     |   |   |
| <i>Four or more connection points:</i>                                                                                                                                                                                                    | -(3)                                                   |                          |     |   |   |
| <i>Connections:</i>                                                                                                                                                                                                                       | 1 hedge(s), 0 ponds(s) and 1 wood(s) = (3) points      |                          |     |   |   |
| <i>Three or more Schedule 2 species:</i>                                                                                                                                                                                                  | -(2)                                                   |                          |     |   |   |
| <i>Schedule 2 Species:</i>                                                                                                                                                                                                                | <i>Arum maculatum</i> , <i>Brachypodium sylvaticum</i> |                          |     |   |   |
| PHASE 1 DESCRIPTION                                                                                                                                                                                                                       |                                                        |                          |     |   |   |
| A scrubby hedge about 4 m high and 3.5 m wide dominated by <i>Prunus spinosa</i> (Blackthorn) with frequent <i>Crataegus monogyna</i> (Hawthorn) and occasional <i>Rosa canina</i> (Dog-rose) and <i>Quercus robur</i> (Pedunculate Oak). |                                                        |                          |     |   |   |
| CONCLUSION                                                                                                                                                                                                                                |                                                        |                          |     |   |   |
| <i>Average Number of Schedule 3 Species per 30m Stretch:</i>                                                                                                                                                                              | 4                                                      |                          |     |   |   |
| <i>Number of Features:</i>                                                                                                                                                                                                                | 2                                                      |                          |     |   |   |
| <i>Special Qualifying Species:</i>                                                                                                                                                                                                        | 0                                                      |                          |     |   |   |
| <i>Threshold Altering Factors:</i>                                                                                                                                                                                                        | 0                                                      |                          |     |   |   |

| Hedge Number:                                                                                                                                                                                                                                                                                                                                       | 133                                               |                          |   |   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|--------------------------|---|---|
| STATUS:                                                                                                                                                                                                                                                                                                                                             | Not Important                                     |                          |   |   |
| SCHEDULE 3 WOODY SPECIES                                                                                                                                                                                                                                                                                                                            | In whole hedge                                    | In 30 m sample stretches |   |   |
|                                                                                                                                                                                                                                                                                                                                                     |                                                   | XPt                      | 2 | 3 |
| <i>Crataegus monogyna</i> (Hawthorn)                                                                                                                                                                                                                                                                                                                | ✓                                                 | ✓(50%)                   | ✓ | ✓ |
| <i>Prunus spinosa</i> (Blackthorn)                                                                                                                                                                                                                                                                                                                  | ✓                                                 | -                        | ✓ | ✓ |
| <i>Quercus robur</i> (Pedunculate Oak)                                                                                                                                                                                                                                                                                                              | ✓                                                 | ✓(15%)                   | - | - |
| <i>Rosa canina</i> (Dog-rose)                                                                                                                                                                                                                                                                                                                       | ✓                                                 | ✓(5%)                    | ✓ | - |
| <i>Salix</i> species (a Willow)                                                                                                                                                                                                                                                                                                                     | ✓                                                 | -                        | - | - |
| Total - Schedule 3 species:                                                                                                                                                                                                                                                                                                                         | 5                                                 | 3                        | 3 | 2 |
| OTHER WOODY SPECIES                                                                                                                                                                                                                                                                                                                                 |                                                   |                          |   |   |
| None                                                                                                                                                                                                                                                                                                                                                | -                                                 | -                        | - | - |
| Total - All Woody Species:                                                                                                                                                                                                                                                                                                                          | 5                                                 | 3                        | 3 | 2 |
| FEATURES                                                                                                                                                                                                                                                                                                                                            |                                                   |                          |   |   |
| Supporting bank or wall:                                                                                                                                                                                                                                                                                                                            | -                                                 |                          |   |   |
| Less than 10% gaps:                                                                                                                                                                                                                                                                                                                                 | ✓                                                 |                          |   |   |
| Standard trees:                                                                                                                                                                                                                                                                                                                                     | ✓                                                 |                          |   |   |
| Ditch for >50% of hedgerow length:                                                                                                                                                                                                                                                                                                                  | ✓                                                 |                          |   |   |
| Parallel hedge within 15m:                                                                                                                                                                                                                                                                                                                          | -                                                 |                          |   |   |
| Four or more connection points:                                                                                                                                                                                                                                                                                                                     | -(2)                                              |                          |   |   |
| Connections:                                                                                                                                                                                                                                                                                                                                        | 0 hedge(s), 0 ponds(s) and 1 wood(s) = (2) points |                          |   |   |
| Three or more Schedule 2 species:                                                                                                                                                                                                                                                                                                                   | -(1)                                              |                          |   |   |
| Schedule 2 Species:                                                                                                                                                                                                                                                                                                                                 | Brachypodium sylvaticum                           |                          |   |   |
| PHASE 1 DESCRIPTION                                                                                                                                                                                                                                                                                                                                 |                                                   |                          |   |   |
| A species-poor, slightly gappy hedge. It is around 4 m high and comprises mainly <i>Crataegus monogyna</i> (Hawthorn) or <i>Prunus spinosa</i> (Blackthorn) with <i>Rosa canina</i> (Dog-rose) although there are several young <i>Quercus robur</i> (Pedunculate Oak) trees. A ditch alongside the hedge only contains a few centimetres of water. |                                                   |                          |   |   |
| CONCLUSION                                                                                                                                                                                                                                                                                                                                          |                                                   |                          |   |   |
| Average Number of Schedule 3 Species per 30m Stretch:                                                                                                                                                                                                                                                                                               | 2.6699999999999999                                |                          |   |   |
| Number of Features:                                                                                                                                                                                                                                                                                                                                 | 3                                                 |                          |   |   |
| Special Qualifying Species:                                                                                                                                                                                                                                                                                                                         | 0                                                 |                          |   |   |
| Threshold Altering Factors:                                                                                                                                                                                                                                                                                                                         | 0                                                 |                          |   |   |

| Hedge Number:                                                                                                                                                                                                                                                                                                                                                    | 136                                                                                                                                        |                          |   |   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|---|---|
| STATUS:                                                                                                                                                                                                                                                                                                                                                          | Not Important                                                                                                                              |                          |   |   |
| SCHEDULE 3 WOODY SPECIES                                                                                                                                                                                                                                                                                                                                         | In whole hedge                                                                                                                             | In 30 m sample stretches |   |   |
|                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                            | XPt                      | 2 | 3 |
| <i>Acer campestre</i> (Field Maple)                                                                                                                                                                                                                                                                                                                              | ✓                                                                                                                                          | -                        | - | - |
| <i>Cornus sanguinea</i> (Dogwood)                                                                                                                                                                                                                                                                                                                                | ✓                                                                                                                                          | -                        | - | - |
| <i>Corylus avellana</i> (Hazel)                                                                                                                                                                                                                                                                                                                                  | ✓                                                                                                                                          | -                        | - | - |
| <i>Crataegus monogyna</i> (Hawthorn)                                                                                                                                                                                                                                                                                                                             | ✓                                                                                                                                          | -                        | ✓ | ✓ |
| <i>Prunus spinosa</i> (Blackthorn)                                                                                                                                                                                                                                                                                                                               | ✓                                                                                                                                          | ✓ (98%)                  | ✓ | ✓ |
| <i>Quercus robur</i> (Pedunculate Oak)                                                                                                                                                                                                                                                                                                                           | ✓                                                                                                                                          | -                        | ✓ | - |
| <i>Rosa canina</i> (Dog-rose)                                                                                                                                                                                                                                                                                                                                    | ✓                                                                                                                                          | ✓ (2%)                   | - | ✓ |
| <i>Sambucus nigra</i> (Elder)                                                                                                                                                                                                                                                                                                                                    | ✓                                                                                                                                          | -                        | - | - |
| Total - Schedule 3 species:                                                                                                                                                                                                                                                                                                                                      | 8                                                                                                                                          | 2                        | 3 | 3 |
| OTHER WOODY SPECIES                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                            |                          |   |   |
| None                                                                                                                                                                                                                                                                                                                                                             | -                                                                                                                                          | -                        | - | - |
| Total - All Woody Species:                                                                                                                                                                                                                                                                                                                                       | 8                                                                                                                                          | 2                        | 3 | 3 |
| FEATURES                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                            |                          |   |   |
| Supporting bank or wall:                                                                                                                                                                                                                                                                                                                                         | -                                                                                                                                          |                          |   |   |
| Less than 10% gaps:                                                                                                                                                                                                                                                                                                                                              | ✓                                                                                                                                          |                          |   |   |
| Standard trees:                                                                                                                                                                                                                                                                                                                                                  | -                                                                                                                                          |                          |   |   |
| Ditch for >50% of hedgerow length:                                                                                                                                                                                                                                                                                                                               | -                                                                                                                                          |                          |   |   |
| Parallel hedge within 15m:                                                                                                                                                                                                                                                                                                                                       | -                                                                                                                                          |                          |   |   |
| Four or more connection points:                                                                                                                                                                                                                                                                                                                                  | -(2)                                                                                                                                       |                          |   |   |
| Connections:                                                                                                                                                                                                                                                                                                                                                     | 2 hedge(s), 0 ponds(s) and 0 wood(s) = (2) points                                                                                          |                          |   |   |
| Three or more Schedule 2 species:                                                                                                                                                                                                                                                                                                                                | ✓(7)                                                                                                                                       |                          |   |   |
| Schedule 2 Species:                                                                                                                                                                                                                                                                                                                                              | Adoxa moschatellina, Arum maculatum, Brachypodium sylvaticum, Dryopteris filix-mas, Geum urbanum, Hyacinthoides non-scripta, Poa nemoralis |                          |   |   |
| PHASE 1 DESCRIPTION                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                            |                          |   |   |
| An unmanaged hedge about 4 m high and 5 m wide. <i>Prunus spinosa</i> (Blackthorn) is the dominant species in a species-poor shrub-layer, though there are a few <i>Acer campestre</i> (Field Maple) and <i>Crataegus monogyna</i> (Hawthorn) shrubs and four or five mature <i>Quercus robur</i> (Pedunculate Oak) trees. The field-layer is sparse underneath. |                                                                                                                                            |                          |   |   |
| CONCLUSION                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                            |                          |   |   |
| Average Number of Schedule 3 Species per 30m Stretch:                                                                                                                                                                                                                                                                                                            | 2.6699999999999999                                                                                                                         |                          |   |   |
| Number of Features:                                                                                                                                                                                                                                                                                                                                              | 2                                                                                                                                          |                          |   |   |
| Special Qualifying Species:                                                                                                                                                                                                                                                                                                                                      | 0                                                                                                                                          |                          |   |   |
| Threshold Altering Factors:                                                                                                                                                                                                                                                                                                                                      | 0                                                                                                                                          |                          |   |   |

| Hedge Number:                                                                                                                                                                                                                                                                                                                                                                                                                           |  | 142                                                                                              |                          |   |   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------|--------------------------|---|---|
| STATUS:                                                                                                                                                                                                                                                                                                                                                                                                                                 |  | Not Important                                                                                    |                          |   |   |
| SCHEDULE 3 WOODY SPECIES                                                                                                                                                                                                                                                                                                                                                                                                                |  | In whole hedge                                                                                   | In 30 m sample stretches |   |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                                                                                                  | XPt                      | 2 | 3 |
| Corylus avellana (Hazel)                                                                                                                                                                                                                                                                                                                                                                                                                |  | ✓                                                                                                | ✓(5%)                    | - | - |
| Crataegus monogyna (Hawthorn)                                                                                                                                                                                                                                                                                                                                                                                                           |  | ✓                                                                                                | ✓(25%)                   | - | ✓ |
| Euonymus europaeus (Spindle)                                                                                                                                                                                                                                                                                                                                                                                                            |  | ✓                                                                                                | -                        | - | ✓ |
| Fraxinus excelsior (Ash)                                                                                                                                                                                                                                                                                                                                                                                                                |  | ✓                                                                                                | -                        | ✓ | - |
| Ilex aquifolium (Holly)                                                                                                                                                                                                                                                                                                                                                                                                                 |  | ✓                                                                                                | -                        | - | - |
| Ligustrum vulgare (Wild Privet)                                                                                                                                                                                                                                                                                                                                                                                                         |  | ✓                                                                                                | -                        | ✓ | - |
| Prunus spinosa (Blackthorn)                                                                                                                                                                                                                                                                                                                                                                                                             |  | ✓                                                                                                | ✓(35%)                   | ✓ | ✓ |
| Quercus robur (Pedunculate Oak)                                                                                                                                                                                                                                                                                                                                                                                                         |  | ✓                                                                                                | ✓(5%)                    | - | ✓ |
| Rosa canina (Dog-rose)                                                                                                                                                                                                                                                                                                                                                                                                                  |  | ✓                                                                                                | ✓(30%)                   | ✓ | ✓ |
| Sambucus nigra (Elder)                                                                                                                                                                                                                                                                                                                                                                                                                  |  | ✓                                                                                                | -                        | - | - |
| Total - Schedule 3 species:                                                                                                                                                                                                                                                                                                                                                                                                             |  | 10                                                                                               | 5                        | 4 | 5 |
| OTHER WOODY SPECIES                                                                                                                                                                                                                                                                                                                                                                                                                     |  |                                                                                                  |                          |   |   |
| None                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | -                                                                                                | -                        | - | - |
| Total - All Woody Species:                                                                                                                                                                                                                                                                                                                                                                                                              |  | 10                                                                                               | 5                        | 4 | 5 |
| FEATURES                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                                                                                                  |                          |   |   |
| Supporting bank or wall:                                                                                                                                                                                                                                                                                                                                                                                                                |  | -                                                                                                |                          |   |   |
| Less than 10% gaps:                                                                                                                                                                                                                                                                                                                                                                                                                     |  | ✓                                                                                                |                          |   |   |
| Standard trees:                                                                                                                                                                                                                                                                                                                                                                                                                         |  | ✓                                                                                                |                          |   |   |
| Ditch for >50% of hedgerow length:                                                                                                                                                                                                                                                                                                                                                                                                      |  | ✓                                                                                                |                          |   |   |
| Parallel hedge within 15m:                                                                                                                                                                                                                                                                                                                                                                                                              |  | -                                                                                                |                          |   |   |
| Four or more connection points:                                                                                                                                                                                                                                                                                                                                                                                                         |  | -(3)                                                                                             |                          |   |   |
| Connections:                                                                                                                                                                                                                                                                                                                                                                                                                            |  | 1 hedge(s), 0 ponds(s) and 1 wood(s) = (3) points                                                |                          |   |   |
| Three or more Schedule 2 species:                                                                                                                                                                                                                                                                                                                                                                                                       |  | ✓(5)                                                                                             |                          |   |   |
| Schedule 2 Species:                                                                                                                                                                                                                                                                                                                                                                                                                     |  | Ajuga reptans, Arum maculatum, Brachypodium sylvaticum, Hyacinthoides non-scripta, Poa nemoralis |                          |   |   |
| PHASE 1 DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                     |  |                                                                                                  |                          |   |   |
| A dense field hedge trimmed to a height and width of 1.8 m. It is strongly dominated by Prunus spinosa (Blackthorn) with small amounts of Crataegus monogyna (Hawthorn), Rosa canina (Dog-rose) and Sambucus nigra (Elder), and a few mature Quercus robur (Pedunculate Oak) trees. Hedera helix (Ivy) is covering the ground underneath together with some Arum maculatum (Lords-and-Ladies) and Hyacinthoides non-scripta (Bluebell). |  |                                                                                                  |                          |   |   |
| CONCLUSION                                                                                                                                                                                                                                                                                                                                                                                                                              |  |                                                                                                  |                          |   |   |
| Average Number of Schedule 3 Species per 30m Stretch:                                                                                                                                                                                                                                                                                                                                                                                   |  | 4.6699999999999999                                                                               |                          |   |   |
| Number of Features:                                                                                                                                                                                                                                                                                                                                                                                                                     |  | 4                                                                                                |                          |   |   |
| Special Qualifying Species:                                                                                                                                                                                                                                                                                                                                                                                                             |  | 0                                                                                                |                          |   |   |
| Threshold Altering Factors:                                                                                                                                                                                                                                                                                                                                                                                                             |  | 0                                                                                                |                          |   |   |

| Hedge Number:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  | 148                                                                                                                                                        |                          |   |   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|---|---|
| STATUS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | Important                                                                                                                                                  |                          |   |   |
| SCHEDULE 3 WOODY SPECIES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  | In whole hedge                                                                                                                                             | In 30 m sample stretches |   |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                                                                            | XPt                      | 2 | 3 |
| Acer campestre (Field Maple)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | ✓                                                                                                                                                          | ✓(10%)                   | - | - |
| Cornus sanguinea (Dogwood)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  | ✓                                                                                                                                                          | ✓(10%)                   | - | - |
| Corylus avellana (Hazel)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  | ✓                                                                                                                                                          | ✓(20%)                   | - | - |
| Crataegus laevigata (Midland Hawthorn)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  | ✓                                                                                                                                                          | -                        | - | - |
| Crataegus monogyna (Hawthorn)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  | ✓                                                                                                                                                          | ✓(25%)                   | ✓ | - |
| Euonymus europaeus (Spindle)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | ✓                                                                                                                                                          | -                        | - | - |
| Fraxinus excelsior (Ash)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  | ✓                                                                                                                                                          | -                        | ✓ | - |
| Prunus spinosa (Blackthorn)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  | ✓                                                                                                                                                          | ✓(25%)                   | ✓ | - |
| Quercus robur (Pedunculate Oak)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | ✓                                                                                                                                                          | -                        | - | - |
| Rosa canina (Dog-rose)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  | ✓                                                                                                                                                          | -                        | - | - |
| Sambucus nigra (Elder)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  | ✓                                                                                                                                                          | ✓(10%)                   | - | - |
| Total - Schedule 3 species:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  | 11                                                                                                                                                         | 6                        | 3 | 0 |
| OTHER WOODY SPECIES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                                                                                                                            |                          |   |   |
| None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  | -                                                                                                                                                          | -                        | - | - |
| Total - All Woody Species:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  | 11                                                                                                                                                         | 6                        | 3 | 0 |
| FEATURES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                                                                                                                                                            |                          |   |   |
| Supporting bank or wall:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  | -                                                                                                                                                          |                          |   |   |
| Less than 10% gaps:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | ✓                                                                                                                                                          |                          |   |   |
| Standard trees:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | -                                                                                                                                                          |                          |   |   |
| Ditch for >50% of hedgerow length:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  | ✓                                                                                                                                                          |                          |   |   |
| Parallel hedge within 15m:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  | ✓                                                                                                                                                          |                          |   |   |
| Four or more connection points:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | -(3)                                                                                                                                                       |                          |   |   |
| Connections:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | 1 hedge(s), 0 ponds(s) and 1 wood(s) = (3) points                                                                                                          |                          |   |   |
| Three or more Schedule 2 species:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  | ✓(7)                                                                                                                                                       |                          |   |   |
| Schedule 2 Species:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | Arum maculatum, Brachypodium sylvaticum, Dryopteris filix-mas, Hyacinthoides non-scripta, Phyllitis scolopendrium, Polystichum aculeatum, Primula vulgaris |                          |   |   |
| PHASE 1 DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                                                                                                                            |                          |   |   |
| A track with scattered mature Quercus robur (Pedunculate Oak) trees to the south and an ancient hedge to the north. The hedge is unmanaged and approximately 6-10 m high with a mixed shrub-layer of Acer campestre (Field Maple), Corylus avellana (Hazel) and Crataegus monogyna (Hawthorn). The field-layer is characterised by Arum maculatum (Lords-and-Ladies), Silene dioica (Red Campion) and Urtica dioica (Common Nettle), and also includes small amounts of Hyacinthoides non-scripta (Bluebell), Phyllitis scolopendrium (Hart’s-tongue) and Primula vulgaris (Primrose). |  |                                                                                                                                                            |                          |   |   |
| CONCLUSION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |                                                                                                                                                            |                          |   |   |
| Average Number of Schedule 3 Species per 30m Stretch:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | 4.5                                                                                                                                                        |                          |   |   |
| Number of Features:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | 4                                                                                                                                                          |                          |   |   |
| Special Qualifying Species:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  | 0                                                                                                                                                          |                          |   |   |
| Threshold Altering Factors:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  | 1                                                                                                                                                          |                          |   |   |

| Hedge Number:                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  | 149                                                                                  |                          |   |   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------|--------------------------|---|---|
| STATUS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  | Not Important                                                                        |                          |   |   |
| SCHEDULE 3 WOODY SPECIES                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | In whole hedge                                                                       | In 30 m sample stretches |   |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                                                                                      | XPt                      | 2 | 3 |
| Acer campestre (Field Maple)                                                                                                                                                                                                                                                                                                                                                                                                                                              |  | ✓                                                                                    | -                        | - | - |
| Crataegus monogyna (Hawthorn)                                                                                                                                                                                                                                                                                                                                                                                                                                             |  | ✓                                                                                    | ✓(5%)                    | - | - |
| Prunus spinosa (Blackthorn)                                                                                                                                                                                                                                                                                                                                                                                                                                               |  | ✓                                                                                    | ✓(85%)                   | - | - |
| Quercus robur (Pedunculate Oak)                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | ✓                                                                                    | ✓(10%)                   | - | - |
| Total - Schedule 3 species:                                                                                                                                                                                                                                                                                                                                                                                                                                               |  | 4                                                                                    | 3                        | 0 | 0 |
| OTHER WOODY SPECIES                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |                                                                                      |                          |   |   |
| None                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  | -                                                                                    | -                        | - | - |
| Total - All Woody Species:                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | 4                                                                                    | 3                        | 0 | 0 |
| FEATURES                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                                                                                      |                          |   |   |
| Supporting bank or wall:                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | -                                                                                    |                          |   |   |
| Less than 10% gaps:                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  | ✓                                                                                    |                          |   |   |
| Standard trees:                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | ✓                                                                                    |                          |   |   |
| Ditch for >50% of hedgerow length:                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | -                                                                                    |                          |   |   |
| Parallel hedge within 15m:                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | -                                                                                    |                          |   |   |
| Four or more connection points:                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | ✓(4)                                                                                 |                          |   |   |
| Connections:                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  | 4 hedge(s), 0 ponds(s) and 0 wood(s) = (4) points                                    |                          |   |   |
| Three or more Schedule 2 species:                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | ✓(4)                                                                                 |                          |   |   |
| Schedule 2 Species:                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  | Arum maculatum, Brachypodium sylvaticum, Hyacinthoides non-scripta, Primula vulgaris |                          |   |   |
| PHASE 1 DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |                                                                                      |                          |   |   |
| A hedge which comprises Prunus spinosa (Blackthorn) scrub with three mature Quercus robur (Pedunculate Oak) trees at the proposed crossing point. It doesn't have the structure of a hedge but it does connect with hedges on either side and thus forms a continuous corridor. The field-layer includes small amounts of Arum maculatum (Lords-and-Ladies), Brachypodium sylvaticum (False Brome), Hyacinthoides non-scripta (Bluebell) and Primula vulgaris (Primrose). |  |                                                                                      |                          |   |   |
| CONCLUSION                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                                                                                      |                          |   |   |
| Average Number of Schedule 3 Species per 30m Stretch:                                                                                                                                                                                                                                                                                                                                                                                                                     |  | 3                                                                                    |                          |   |   |
| Number of Features:                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  | 4                                                                                    |                          |   |   |
| Special Qualifying Species:                                                                                                                                                                                                                                                                                                                                                                                                                                               |  | 0                                                                                    |                          |   |   |
| Threshold Altering Factors:                                                                                                                                                                                                                                                                                                                                                                                                                                               |  | 0                                                                                    |                          |   |   |

| Hedge Number:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | 151                                                                                                 |                          |   |   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------|--------------------------|---|---|
| STATUS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | Important                                                                                           |                          |   |   |
| SCHEDULE 3 WOODY SPECIES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  | In whole hedge                                                                                      | In 30 m sample stretches |   |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                                                                                                     | XPt                      | 2 | 3 |
| Acer campestre (Field Maple)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  | ✓                                                                                                   | ✓(5%)                    | ✓ | ✓ |
| Cornus sanguinea (Dogwood)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  | ✓                                                                                                   | -                        | ✓ | ✓ |
| Corylus avellana (Hazel)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  | ✓                                                                                                   | -                        | - | - |
| Crataegus laevigata (Midland Hawthorn)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | ✓                                                                                                   | -                        | - | ✓ |
| Crataegus monogyna (Hawthorn)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | ✓                                                                                                   | ✓(30%)                   | ✓ | ✓ |
| Euonymus europaeus (Spindle)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  | ✓                                                                                                   | -                        | - | - |
| Fraxinus excelsior (Ash)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  | ✓                                                                                                   | -                        | - | ✓ |
| Populus tremula (Aspen)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | ✓                                                                                                   | -                        | ✓ | - |
| Prunus spinosa (Blackthorn)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | ✓                                                                                                   | ✓(50%)                   | ✓ | ✓ |
| Quercus robur (Pedunculate Oak)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | ✓                                                                                                   | ✓(10%)                   | ✓ | ✓ |
| Rosa canina (Dog-rose)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | ✓                                                                                                   | ✓(5%)                    | ✓ | ✓ |
| Salix cinerea (Grey Willow)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | ✓                                                                                                   | -                        | ✓ | ✓ |
| Sambucus nigra (Elder)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | ✓                                                                                                   | -                        | - | - |
| Total - Schedule 3 species:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | 13                                                                                                  | 5                        | 8 | 9 |
| OTHER WOODY SPECIES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |                                                                                                     |                          |   |   |
| None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | -                                                                                                   | -                        | - | - |
| Total - All Woody Species:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  | 13                                                                                                  | 5                        | 8 | 9 |
| FEATURES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |                                                                                                     |                          |   |   |
| Supporting bank or wall:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  | -                                                                                                   |                          |   |   |
| Less than 10% gaps:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  | ✓                                                                                                   |                          |   |   |
| Standard trees:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | ✓                                                                                                   |                          |   |   |
| Ditch for >50% of hedgerow length:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  | ✓                                                                                                   |                          |   |   |
| Parallel hedge within 15m:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  | -                                                                                                   |                          |   |   |
| Four or more connection points:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | ✓(4)                                                                                                |                          |   |   |
| Connections:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  | 2 hedge(s), 0 ponds(s) and 1 wood(s) = (4) points                                                   |                          |   |   |
| Three or more Schedule 2 species:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  | ✓(5)                                                                                                |                          |   |   |
| Schedule 2 Species:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  | Ajuga reptans, Arum maculatum, Brachypodium sylvaticum, Hyacinthoides non-scripta, Primula vulgaris |                          |   |   |
| PHASE 1 DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |                                                                                                     |                          |   |   |
| A hedge with frequent semi-mature Quercus robur (Pedunculate Oak) standards, a dry ditch and a ground flora characterised by woodland species. The shrub-layer – excluding trees – is about 2.5 m high and comprises abundant Prunus spinosa (Blackthorn) with Corylus avellana (Hazel), Crataegus monogyna (Hawthorn) and Salix cinerea (Grey Willow). Ground flora include Arum maculatum (Lords-and-Ladies), Hyacinthoides non-scripta (Bluebell), Primula vulgaris (Primrose) and Stellaria holostea (Greater Stitchwort). |  |                                                                                                     |                          |   |   |
| CONCLUSION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |                                                                                                     |                          |   |   |
| Average Number of Schedule 3 Species per 30m Stretch:                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  | 7.3300000000000001                                                                                  |                          |   |   |
| Number of Features:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  | 5                                                                                                   |                          |   |   |
| Special Qualifying Species:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | 0                                                                                                   |                          |   |   |
| Threshold Altering Factors:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | 0                                                                                                   |                          |   |   |

| Hedge Number: 152                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|
| STATUS: Important                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                   |
| SCHEDULE 3 WOODY SPECIES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | In whole hedge      In 30 m sample stretches<br>XPt      2      3 |
| <i>Acer campestre</i> (Field Maple)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ✓      ✓ (15%)      -      ✓                                      |
| <i>Cornus sanguinea</i> (Dogwood)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | ✓      ✓ (3%)      -      -                                       |
| <i>Crataegus laevigata</i> (Midland Hawthorn)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ✓      -      ✓      -                                            |
| <i>Crataegus monogyna</i> (Hawthorn)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ✓      ✓ (32%)      ✓      ✓                                      |
| <i>Euonymus europaeus</i> (Spindle)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ✓      -      -      ✓                                            |
| <i>Fraxinus excelsior</i> (Ash)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ✓      -      -      -                                            |
| <i>Ilex aquifolium</i> (Holly)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | ✓      -      -      -                                            |
| <i>Ligustrum vulgare</i> (Wild Privet)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | ✓      -      -      ✓                                            |
| <i>Prunus spinosa</i> (Blackthorn)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | ✓      ✓ (40%)      ✓      ✓                                      |
| <i>Quercus robur</i> (Pedunculate Oak)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | ✓      ✓ (5%)      ✓      ✓                                       |
| <i>Rosa canina</i> (Dog-rose)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ✓      ✓ (5%)      ✓      -                                       |
| <b>Total - Schedule 3 species:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>11      6      5      6</b>                                    |
| OTHER WOODY SPECIES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                   |
| <i>Malus domestica</i> (Apple)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | ✓      -      -      -                                            |
| <b>Total - All Woody Species:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>12      6      5      6</b>                                    |
| FEATURES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                   |
| <b>Supporting bank or wall:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ✓                                                                 |
| <b>Less than 10% gaps:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ✓                                                                 |
| <b>Standard trees:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | ✓                                                                 |
| <b>Ditch for &gt;50% of hedgerow length:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | -                                                                 |
| <b>Parallel hedge within 15m:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | ✓                                                                 |
| <b>Four or more connection points:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -(3)                                                              |
| Connections: 3 hedge(s), 0 ponds(s) and 0 wood(s) = (3) points                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                   |
| <b>Three or more Schedule 2 species:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ✓(5)                                                              |
| Schedule 2 Species: <i>Ajuga reptans</i> , <i>Arum maculatum</i> , <i>Brachypodium sylvaticum</i> , <i>Hyacinthoides non-scripta</i> , <i>Poa nemoralis</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                   |
| PHASE 1 DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                   |
| A hedge trimmed on its road side but overgrown to a height of about 5-10 m. It is growing on a half bank and comprises a mixture of <i>Acer campestre</i> (Field Maple), <i>Corylus avellana</i> (Hazel), <i>Crataegus monogyna</i> (Hawthorn), <i>Prunus spinosa</i> (Blackthorn) and <i>Rosa canina</i> (Dog-rose), with a field-layer dominated by <i>Hedera helix</i> (Ivy), though the woodland herbs <i>Arum maculatum</i> (Lords-and-Ladies), <i>Brachypodium sylvaticum</i> (False Brome) and <i>Hyacinthoides non-scripta</i> (Bluebell) are also present. Just east of the proposed crossing point, the bank widens and there are several <i>Quercus robur</i> (Pedunculate Oak) trees forming a narrow corridor of woodland. |                                                                   |
| CONCLUSION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                   |
| <b>Average Number of Schedule 3 Species per 30m Stretch:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 5.6699999999999999                                                |
| <b>Number of Features:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 5                                                                 |
| <b>Special Qualifying Species:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 0                                                                 |
| <b>Threshold Altering Factors:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 0                                                                 |

| Hedge Number:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  | 153            |                          |          |          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------|--------------------------|----------|----------|
| STATUS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  | Important      |                          |          |          |
| SCHEDULE 3 WOODY SPECIES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | In whole hedge | In 30 m sample stretches |          |          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                | XPt                      | 2        | 3        |
| <i>Acer campestre</i> (Field Maple)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | ✓              | -                        | -        | -        |
| <i>Cornus sanguinea</i> (Dogwood)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | ✓              | ✓(5%)                    | -        | -        |
| <i>Corylus avellana</i> (Hazel)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | ✓              | ✓(4%)                    | -        | -        |
| <i>Crataegus laevigata</i> (Midland Hawthorn)                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  | ✓              | -                        | -        | -        |
| <i>Crataegus monogyna</i> (Hawthorn)                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  | ✓              | ✓(60%)                   | -        | -        |
| <i>Euonymus europaeus</i> (Spindle)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | ✓              | -                        | -        | -        |
| <i>Fagus sylvatica</i> (Beech)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  | ✓              | -                        | -        | -        |
| <i>Ligustrum vulgare</i> (Wild Privet)                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  | ✓              | ✓(10%)                   | -        | -        |
| <i>Prunus spinosa</i> (Blackthorn)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  | ✓              | ✓(20%)                   | -        | -        |
| <i>Quercus robur</i> (Pedunculate Oak)                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  | ✓              | -                        | -        | -        |
| <i>Rosa canina</i> (Dog-rose)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  | ✓              | ✓(1%)                    | -        | -        |
| <i>Salix</i> species (a Willow)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | ✓              | -                        | -        | -        |
| <b>Total - Schedule 3 species:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  | <b>12</b>      | <b>6</b>                 | <b>0</b> | <b>0</b> |
| OTHER WOODY SPECIES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                |                          |          |          |
| None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  | -              | -                        | -        | -        |
| <b>Total - All Woody Species:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | <b>12</b>      | <b>6</b>                 | <b>0</b> | <b>0</b> |
| FEATURES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                |                          |          |          |
| <b>Supporting bank or wall:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | ✓              |                          |          |          |
| <b>Less than 10% gaps:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | ✓              |                          |          |          |
| <b>Standard trees:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  | -              |                          |          |          |
| <b>Ditch for &gt;50% of hedgerow length:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  | -              |                          |          |          |
| <b>Parallel hedge within 15m:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | -              |                          |          |          |
| <b>Four or more connection points:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  | -(2)           |                          |          |          |
| Connections: 2 hedge(s), 0 ponds(s) and 0 wood(s) = (2) points                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |                |                          |          |          |
| <b>Three or more Schedule 2 species:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | ✓(4)           |                          |          |          |
| Schedule 2 Species: <i>Ajuga reptans</i> , <i>Arum maculatum</i> , <i>Brachypodium sylvaticum</i> , <i>Hyacinthoides non-scripta</i>                                                                                                                                                                                                                                                                                                                                                                               |  |                |                          |          |          |
| PHASE 1 DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                |                          |          |          |
| A roadside hedge that is trimmed to about 1.7 m high or left to grow to a height of 5-10 m. The shrub-layer is fairly thin, though dominated by <i>Crataegus monogyna</i> (Hawthorn) and <i>Prunus spinosa</i> (Blackthorn), and the field-layer largely comprises <i>Hedera helix</i> (Ivy). The road bank widens to the west and has been planted with <i>Betula pendula</i> (Silver Birch), <i>Pinus sylvestris</i> (Scots Pine) and <i>Salix caprea/cinerea</i> (a Willow) trees which are about 15 years old. |  |                |                          |          |          |
| CONCLUSION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                |                          |          |          |
| <b>Average Number of Schedule 3 Species per 30m Stretch:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  | 6              |                          |          |          |
| <b>Number of Features:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | 3              |                          |          |          |
| <b>Special Qualifying Species:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  | 0              |                          |          |          |
| <b>Threshold Altering Factors:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  | 0              |                          |          |          |

| Hedge Number:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | 156               |                             |          |          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------|-----------------------------|----------|----------|
| STATUS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  | Not Important     |                             |          |          |
| SCHEDULE 3 WOODY SPECIES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  | In whole<br>hedge | In 30 m sample<br>stretches |          |          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |                   | XPt                         | 2        | 3        |
| <i>Acer campestre</i> (Field Maple)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  | ✓                 | ✓(1%)                       | -        | -        |
| <i>Corylus avellana</i> (Hazel)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  | ✓                 | -                           | -        | -        |
| <i>Crataegus monogyna</i> (Hawthorn)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | ✓                 | ✓(20%)                      | ✓        | -        |
| <i>Prunus spinosa</i> (Blackthorn)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | ✓                 | ✓(15%)                      | ✓        | -        |
| <i>Quercus robur</i> (Pedunculate Oak)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | ✓                 | ✓(35%)                      | ✓        | -        |
| <i>Ulmus procera</i> (English Elm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | ✓                 | ✓(29%)                      | ✓        | -        |
| <b>Total - Schedule 3 species:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | <b>6</b>          | <b>5</b>                    | <b>4</b> | <b>0</b> |
| OTHER WOODY SPECIES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                   |                             |          |          |
| None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | -                 | -                           | -        | -        |
| <b>Total - All Woody Species:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  | <b>6</b>          | <b>5</b>                    | <b>4</b> | <b>0</b> |
| FEATURES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |                   |                             |          |          |
| <i>Supporting bank or wall:</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  | -                 |                             |          |          |
| <i>Less than 10% gaps:</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  | -                 |                             |          |          |
| <i>Standard trees:</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | -                 |                             |          |          |
| <i>Ditch for &gt;50% of hedgerow length:</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  | -                 |                             |          |          |
| <i>Parallel hedge within 15m:</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  | -                 |                             |          |          |
| <i>Four or more connection points:</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | -(0)              |                             |          |          |
| <i>Connections:</i> None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |                   |                             |          |          |
| <i>Three or more Schedule 2 species:</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  | ✓ (3)             |                             |          |          |
| <i>Schedule 2 Species:</i> <i>Arum maculatum</i> , <i>Hyacinthoides non-scripta</i> , <i>Viola odorata</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |                   |                             |          |          |
| PHASE 1 DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                   |                             |          |          |
| A leggy roadside hedge about 3 m tall dominated by <i>Crataegus monogyna</i> (Hawthorn) with <i>Ulmus procera</i> (English Elm). A bank to the north supports additional shrubs and a few mature <i>Larix</i> species (a Larch), <i>Pinus</i> species (a Pine) and <i>Quercus robur</i> (Pedunculate Oak) trees. The field-layer on the bank comprises abundant <i>Hedera helix</i> (Ivy) and frequent <i>Hyacinthoides non-scripta</i> (Bluebell) with <i>Alliaria petiolata</i> (Garlic Mustard), <i>Arum maculatum</i> (Lords-and-Ladies) and <i>Viola odorata</i> (Sweet Violet). |  |                   |                             |          |          |
| CONCLUSION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |                   |                             |          |          |
| <i>Average Number of Schedule 3 Species per 30m Stretch:</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  | 4.5               |                             |          |          |
| <i>Number of Features:</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  | 1                 |                             |          |          |
| <i>Special Qualifying Species:</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | 0                 |                             |          |          |
| <i>Threshold Altering Factors:</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | 1                 |                             |          |          |

| Hedge Number:                                                                                                                                                                                                                                                                                                                                                                                                           |  | 157                                               |                          |   |   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------|--------------------------|---|---|
| STATUS:                                                                                                                                                                                                                                                                                                                                                                                                                 |  | Important                                         |                          |   |   |
| SCHEDULE 3 WOODY SPECIES                                                                                                                                                                                                                                                                                                                                                                                                |  | In whole hedge                                    | In 30 m sample stretches |   |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                                                   | XPt                      | 2 | 3 |
| <i>Acer campestre</i> (Field Maple)                                                                                                                                                                                                                                                                                                                                                                                     |  | ✓                                                 | ✓(2%)                    | - | - |
| <i>Corylus avellana</i> (Hazel)                                                                                                                                                                                                                                                                                                                                                                                         |  | ✓                                                 | ✓(50%)                   | - | - |
| <i>Crataegus monogyna</i> (Hawthorn)                                                                                                                                                                                                                                                                                                                                                                                    |  | ✓                                                 | -                        | ✓ | - |
| <i>Fraxinus excelsior</i> (Ash)                                                                                                                                                                                                                                                                                                                                                                                         |  | ✓                                                 | ✓(10%)                   | - | - |
| <i>Prunus spinosa</i> (Blackthorn)                                                                                                                                                                                                                                                                                                                                                                                      |  | ✓                                                 | ✓(35%)                   | ✓ | - |
| <i>Quercus robur</i> (Pedunculate Oak)                                                                                                                                                                                                                                                                                                                                                                                  |  | ✓                                                 | ✓(1%)                    | - | - |
| <i>Rosa canina</i> (Dog-rose)                                                                                                                                                                                                                                                                                                                                                                                           |  | ✓                                                 | ✓(1%)                    | ✓ | - |
| <i>Salix cinerea</i> (Grey Willow)                                                                                                                                                                                                                                                                                                                                                                                      |  | ✓                                                 | -                        | - | - |
| <i>Sambucus nigra</i> (Elder)                                                                                                                                                                                                                                                                                                                                                                                           |  | ✓                                                 | ✓(1%)                    | ✓ | - |
| Total - Schedule 3 species:                                                                                                                                                                                                                                                                                                                                                                                             |  | 9                                                 | 7                        | 4 | 0 |
| OTHER WOODY SPECIES                                                                                                                                                                                                                                                                                                                                                                                                     |  |                                                   |                          |   |   |
| None                                                                                                                                                                                                                                                                                                                                                                                                                    |  | -                                                 | -                        | - | - |
| Total - All Woody Species:                                                                                                                                                                                                                                                                                                                                                                                              |  | 9                                                 | 7                        | 4 | 0 |
| FEATURES                                                                                                                                                                                                                                                                                                                                                                                                                |  |                                                   |                          |   |   |
| Supporting bank or wall:                                                                                                                                                                                                                                                                                                                                                                                                |  | -                                                 |                          |   |   |
| Less than 10% gaps:                                                                                                                                                                                                                                                                                                                                                                                                     |  | ✓                                                 |                          |   |   |
| Standard trees:                                                                                                                                                                                                                                                                                                                                                                                                         |  | -                                                 |                          |   |   |
| Ditch for >50% of hedgerow length:                                                                                                                                                                                                                                                                                                                                                                                      |  | ✓                                                 |                          |   |   |
| Parallel hedge within 15m:                                                                                                                                                                                                                                                                                                                                                                                              |  | -                                                 |                          |   |   |
| Four or more connection points:                                                                                                                                                                                                                                                                                                                                                                                         |  | -(3)                                              |                          |   |   |
| Connections:                                                                                                                                                                                                                                                                                                                                                                                                            |  | 3 hedge(s), 0 ponds(s) and 0 wood(s) = (3) points |                          |   |   |
| Three or more Schedule 2 species:                                                                                                                                                                                                                                                                                                                                                                                       |  | -(1)                                              |                          |   |   |
| Schedule 2 Species:                                                                                                                                                                                                                                                                                                                                                                                                     |  | Hyacinthoides non-scripta                         |                          |   |   |
| PHASE 1 DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                     |  |                                                   |                          |   |   |
| An unmanaged hedge some 5 m high and wide comprising Prunus spinosa (Blackthorn) with frequent Corylus avellana (Hazel) and small amounts of Crataegus monogyna (Hawthorn) and Salix cinerea (Grey Willow). There are single trees of Fraxinus excelsior (Ash) and Quercus robur (Pedunculate Oak). The species-poor field-layer is characterised by Rubus fruticosus agg. (Bramble) and Urtica dioica (Common Nettle). |  |                                                   |                          |   |   |
| CONCLUSION                                                                                                                                                                                                                                                                                                                                                                                                              |  |                                                   |                          |   |   |
| Average Number of Schedule 3 Species per 30m Stretch:                                                                                                                                                                                                                                                                                                                                                                   |  | 5.5                                               |                          |   |   |
| Number of Features:                                                                                                                                                                                                                                                                                                                                                                                                     |  | 2                                                 |                          |   |   |
| Special Qualifying Species:                                                                                                                                                                                                                                                                                                                                                                                             |  | 0                                                 |                          |   |   |
| Threshold Altering Factors:                                                                                                                                                                                                                                                                                                                                                                                             |  | 1                                                 |                          |   |   |

| Hedge Number:                                         |  | 166                                               |                             |   |   |
|-------------------------------------------------------|--|---------------------------------------------------|-----------------------------|---|---|
| STATUS:                                               |  | Not Important                                     |                             |   |   |
| SCHEDULE 3 WOODY SPECIES                              |  | In whole<br>hedge                                 | In 30 m sample<br>stretches |   |   |
|                                                       |  |                                                   | XPt                         | 2 | 3 |
| Corylus avellana (Hazel)                              |  | ✓                                                 | ✓(60%)                      | ✓ | ✓ |
| Crataegus monogyna (Hawthorn)                         |  | ✓                                                 | ✓(10%)                      | ✓ | - |
| Prunus spinosa (Blackthorn)                           |  | ✓                                                 | ✓(30%)                      | ✓ | ✓ |
| Quercus robur (Pedunculate Oak)                       |  | ✓                                                 | -                           | ✓ | - |
| Rosa canina (Dog-rose)                                |  | ✓                                                 | -                           | - | ✓ |
| Sambucus nigra (Elder)                                |  | ✓                                                 | -                           | - | - |
| Total - Schedule 3 species:                           |  | 6                                                 | 3                           | 4 | 3 |
| OTHER WOODY SPECIES                                   |  |                                                   |                             |   |   |
| None                                                  |  | -                                                 | -                           | - | - |
| Total - All Woody Species:                            |  | 6                                                 | 3                           | 4 | 3 |
| FEATURES                                              |  |                                                   |                             |   |   |
| Supporting bank or wall:                              |  | -                                                 |                             |   |   |
| Less than 10% gaps:                                   |  | ✓                                                 |                             |   |   |
| Standard trees:                                       |  | ✓                                                 |                             |   |   |
| Ditch for >50% of hedgerow length:                    |  | ✓                                                 |                             |   |   |
| Parallel hedge within 15m:                            |  | -                                                 |                             |   |   |
| Four or more connection points:                       |  | -(3)                                              |                             |   |   |
| Connections:                                          |  | 3 hedge(s), 0 ponds(s) and 0 wood(s) = (3) points |                             |   |   |
| Three or more Schedule 2 species:                     |  | -(1)                                              |                             |   |   |
| Schedule 2 Species:                                   |  | Hyacinthoides non-scripta                         |                             |   |   |
| PHASE 1 DESCRIPTION                                   |  |                                                   |                             |   |   |
| A gappy, unmanaged hedge similar to Target Note 170.  |  |                                                   |                             |   |   |
| CONCLUSION                                            |  |                                                   |                             |   |   |
| Average Number of Schedule 3 Species per 30m Stretch: |  | 3.3300000000000001                                |                             |   |   |
| Number of Features:                                   |  | 3                                                 |                             |   |   |
| Special Qualifying Species:                           |  | 0                                                 |                             |   |   |
| Threshold Altering Factors:                           |  | 0                                                 |                             |   |   |

| Hedge Number:                                                                                                                                                                                                                                                                                                                           | 170                                               |                          |   |   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|--------------------------|---|---|
| STATUS:                                                                                                                                                                                                                                                                                                                                 | Not Important                                     |                          |   |   |
| SCHEDULE 3 WOODY SPECIES                                                                                                                                                                                                                                                                                                                | In whole hedge                                    | In 30 m sample stretches |   |   |
|                                                                                                                                                                                                                                                                                                                                         |                                                   | XPt                      | 2 | 3 |
| <i>Corylus avellana</i> (Hazel)                                                                                                                                                                                                                                                                                                         | ✓                                                 | ✓(5%)                    | ✓ | ✓ |
| <i>Crataegus monogyna</i> (Hawthorn)                                                                                                                                                                                                                                                                                                    | ✓                                                 | ✓(10%)                   | ✓ | ✓ |
| <i>Euonymus europaeus</i> (Spindle)                                                                                                                                                                                                                                                                                                     | ✓                                                 | -                        | - | - |
| <i>Fraxinus excelsior</i> (Ash)                                                                                                                                                                                                                                                                                                         | ✓                                                 | -                        | - | - |
| <i>Ilex aquifolium</i> (Holly)                                                                                                                                                                                                                                                                                                          | ✓                                                 | -                        | - | - |
| <i>Prunus spinosa</i> (Blackthorn)                                                                                                                                                                                                                                                                                                      | ✓                                                 | ✓(80%)                   | ✓ | ✓ |
| <i>Quercus robur</i> (Pedunculate Oak)                                                                                                                                                                                                                                                                                                  | ✓                                                 | -                        | ✓ | - |
| <i>Salix</i> species (a Willow)                                                                                                                                                                                                                                                                                                         | ✓                                                 | ✓(5%)                    | - | - |
| <i>Sambucus nigra</i> (Elder)                                                                                                                                                                                                                                                                                                           | ✓                                                 | -                        | ✓ | - |
| Total - Schedule 3 species:                                                                                                                                                                                                                                                                                                             | 9                                                 | 4                        | 5 | 3 |
| OTHER WOODY SPECIES                                                                                                                                                                                                                                                                                                                     |                                                   |                          |   |   |
| None                                                                                                                                                                                                                                                                                                                                    | -                                                 | -                        | - | - |
| Total - All Woody Species:                                                                                                                                                                                                                                                                                                              | 9                                                 | 4                        | 5 | 3 |
| FEATURES                                                                                                                                                                                                                                                                                                                                |                                                   |                          |   |   |
| Supporting bank or wall:                                                                                                                                                                                                                                                                                                                | -                                                 |                          |   |   |
| Less than 10% gaps:                                                                                                                                                                                                                                                                                                                     | ✓                                                 |                          |   |   |
| Standard trees:                                                                                                                                                                                                                                                                                                                         | -                                                 |                          |   |   |
| Ditch for >50% of hedgerow length:                                                                                                                                                                                                                                                                                                      | ✓                                                 |                          |   |   |
| Parallel hedge within 15m:                                                                                                                                                                                                                                                                                                              | -                                                 |                          |   |   |
| Four or more connection points:                                                                                                                                                                                                                                                                                                         | -(2)                                              |                          |   |   |
| Connections:                                                                                                                                                                                                                                                                                                                            | 0 hedge(s), 0 ponds(s) and 1 wood(s) = (2) points |                          |   |   |
| Three or more Schedule 2 species:                                                                                                                                                                                                                                                                                                       | -(1)                                              |                          |   |   |
| Schedule 2 Species:                                                                                                                                                                                                                                                                                                                     | Arum maculatum                                    |                          |   |   |
| PHASE 1 DESCRIPTION                                                                                                                                                                                                                                                                                                                     |                                                   |                          |   |   |
| An unmanaged field hedge about 5 m high and wide comprising Prunus spinosa (Blackthorn) with Corylus avellana (Hazel), Crataegus monogyna (Hawthorn) and Salix caprea/cinerea (a Willow) among others. It has a sparse field-layer of Arum maculatum (Lords-and-Ladies), Silene dioica (Red Campion) and Urtica dioica (Common Nettle). |                                                   |                          |   |   |
| CONCLUSION                                                                                                                                                                                                                                                                                                                              |                                                   |                          |   |   |
| Average Number of Schedule 3 Species per 30m Stretch:                                                                                                                                                                                                                                                                                   | 4                                                 |                          |   |   |
| Number of Features:                                                                                                                                                                                                                                                                                                                     | 2                                                 |                          |   |   |
| Special Qualifying Species:                                                                                                                                                                                                                                                                                                             | 0                                                 |                          |   |   |
| Threshold Altering Factors:                                                                                                                                                                                                                                                                                                             | 0                                                 |                          |   |   |

| <b>Hedge Number:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  | <b>171</b>         |                             |          |          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------|-----------------------------|----------|----------|
| <b>STATUS:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  | <b>Important</b>   |                             |          |          |
| <b>SCHEDULE 3 WOODY SPECIES</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  | In whole<br>hedge  | In 30 m sample<br>stretches |          |          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |                    | <b>XPt</b>                  | <b>2</b> | <b>3</b> |
| <i>Acer campestre</i> (Field Maple)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | ✓                  | ✓ (20%)                     | ✓        | ✓        |
| <i>Corylus avellana</i> (Hazel)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  | ✓                  | ✓ (25%)                     | ✓        | ✓        |
| <i>Crataegus monogyna</i> (Hawthorn)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  | ✓                  | ✓ (15%)                     | -        | ✓        |
| <i>Fraxinus excelsior</i> (Ash)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  | ✓                  | ✓ (5%)                      | -        | -        |
| <i>Ilex aquifolium</i> (Holly)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  | ✓                  | -                           | -        | -        |
| <i>Prunus avium</i> (Wild Cherry)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  | ✓                  | -                           | -        | -        |
| <i>Prunus spinosa</i> (Blackthorn)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | ✓                  | ✓ (15%)                     | -        | ✓        |
| <i>Quercus robur</i> (Pedunculate Oak)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  | ✓                  | -                           | -        | -        |
| <i>Rosa canina</i> (Dog-rose)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  | ✓                  | -                           | ✓        | ✓        |
| <i>Sambucus nigra</i> (Elder)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  | ✓                  | ✓ (20%)                     | ✓        | ✓        |
| <b>Total - Schedule 3 species:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | <b>10</b>          | <b>6</b>                    | <b>4</b> | <b>6</b> |
| <b>OTHER WOODY SPECIES</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |                    |                             |          |          |
| None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  | -                  | -                           | -        | -        |
| <b>Total - All Woody Species:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  | <b>11</b>          | <b>6</b>                    | <b>4</b> | <b>6</b> |
| <b>FEATURES</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |                    |                             |          |          |
| <b>Supporting bank or wall:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  | ✓                  |                             |          |          |
| <b>Less than 10% gaps:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  | -                  |                             |          |          |
| <b>Standard trees:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  | -                  |                             |          |          |
| <b>Ditch for &gt;50% of hedgerow length:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  | -                  |                             |          |          |
| <b>Parallel hedge within 15m:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  | ✓                  |                             |          |          |
| <b>Four or more connection points:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  | ✓ (4)              |                             |          |          |
| Connections: 4 hedge(s), 0 ponds(s) and 0 wood(s) = (4) points                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |                    |                             |          |          |
| <b>Three or more Schedule 2 species:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  | -(2)               |                             |          |          |
| Schedule 2 Species: <i>Dryopteris filix-mas</i> , <i>Hyacinthoides non-scripta</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                    |                             |          |          |
| <b>PHASE 1 DESCRIPTION</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |                    |                             |          |          |
| A hedge on a trackside bank trimmed to a height and width of about 1.4 m. The shrub-layer comprises mostly <i>Corylus avellana</i> (Hazel) with <i>Crataegus monogyna</i> (Hawthorn), <i>Prunus spinosa</i> (Blackthorn), <i>Sambucus nigra</i> (Elder) and one or two <i>Fraxinus excelsior</i> (Ash) and <i>Ilex aquifolium</i> (Holly). The field-layer is characterised by abundant <i>Hyacinthoides non-scripta</i> (Bluebell) and frequent <i>Silene dioica</i> (Red Campion) underneath the hedge with a strip of <b>MG1b</b> along the track edge. |  |                    |                             |          |          |
| <b>CONCLUSION</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                    |                             |          |          |
| <b>Average Number of Schedule 3 Species per 30m Stretch:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  | 5.3300000000000001 |                             |          |          |
| <b>Number of Features:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  | 3                  |                             |          |          |
| <b>Special Qualifying Species:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | 0                  |                             |          |          |
| <b>Threshold Altering Factors:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | 1                  |                             |          |          |

| Hedge Number:                                                  |  | 171a               |                          |          |          |
|----------------------------------------------------------------|--|--------------------|--------------------------|----------|----------|
| STATUS:                                                        |  | Important          |                          |          |          |
| SCHEDULE 3 WOODY SPECIES                                       |  | In whole hedge     | In 30 m sample stretches |          |          |
|                                                                |  |                    | XPt                      | 2        | 3        |
| <i>Acer campestre</i> (Field Maple)                            |  | ✓                  | ✓ (20%)                  | ✓        | ✓        |
| <i>Corylus avellana</i> (Hazel)                                |  | ✓                  | ✓ (49%)                  | ✓        | ✓        |
| <i>Crataegus monogyna</i> (Hawthorn)                           |  | ✓                  | -                        | ✓        | ✓        |
| <i>Euonymus europaeus</i> (Spindle)                            |  | ✓                  | -                        | -        | -        |
| <i>Fraxinus excelsior</i> (Ash)                                |  | ✓                  | -                        | -        | ✓        |
| <i>Ilex aquifolium</i> (Holly)                                 |  | ✓                  | ✓ (10%)                  | -        | ✓        |
| <i>Prunus spinosa</i> (Blackthorn)                             |  | ✓                  | ✓ (1%)                   | ✓        | -        |
| <i>Quercus robur</i> (Pedunculate Oak)                         |  | ✓                  | -                        | -        | ✓        |
| <i>Sambucus nigra</i> (Elder)                                  |  | ✓                  | ✓ (10%)                  | ✓        | ✓        |
| <b>Total - Schedule 3 species:</b>                             |  | <b>9</b>           | <b>5</b>                 | <b>5</b> | <b>7</b> |
| OTHER WOODY SPECIES                                            |  |                    |                          |          |          |
| None                                                           |  | -                  | -                        | -        | -        |
| <b>Total - All Woody Species:</b>                              |  | <b>9</b>           | <b>5</b>                 | <b>5</b> | <b>7</b> |
| FEATURES                                                       |  |                    |                          |          |          |
| <b>Supporting bank or wall:</b>                                |  | ✓                  |                          |          |          |
| <b>Less than 10% gaps:</b>                                     |  | ✓                  |                          |          |          |
| <b>Standard trees:</b>                                         |  | -                  |                          |          |          |
| <b>Ditch for &gt;50% of hedgerow length:</b>                   |  | -                  |                          |          |          |
| <b>Parallel hedge within 15m:</b>                              |  | ✓                  |                          |          |          |
| <b>Four or more connection points:</b>                         |  | ✓ (5)              |                          |          |          |
| Connections: 5 hedge(s), 0 ponds(s) and 0 wood(s) = (5) points |  |                    |                          |          |          |
| <b>Three or more Schedule 2 species:</b>                       |  | -(1)               |                          |          |          |
| Schedule 2 Species: <b><i>Hyacinthoides non-scripta</i></b>    |  |                    |                          |          |          |
| PHASE 1 DESCRIPTION                                            |  |                    |                          |          |          |
| A hedge similar to <i>Target Note 171</i> .                    |  |                    |                          |          |          |
| CONCLUSION                                                     |  |                    |                          |          |          |
| <b>Average Number of Schedule 3 Species per 30m Stretch:</b>   |  | 5.6699999999999999 |                          |          |          |
| <b>Number of Features:</b>                                     |  | 4                  |                          |          |          |
| <b>Special Qualifying Species:</b>                             |  | 0                  |                          |          |          |
| <b>Threshold Altering Factors:</b>                             |  | 1                  |                          |          |          |

| Hedge Number:                                                                                                |  | 172                                                                                                                                                                                                                                                         |                          |   |   |
|--------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|---|---|
| STATUS:                                                                                                      |  | Important                                                                                                                                                                                                                                                   |                          |   |   |
| SCHEDULE 3 WOODY SPECIES                                                                                     |  | In whole hedge                                                                                                                                                                                                                                              | In 30 m sample stretches |   |   |
|                                                                                                              |  |                                                                                                                                                                                                                                                             | XPt                      | 2 | 3 |
| Acer campestre (Field Maple)                                                                                 |  | ✓                                                                                                                                                                                                                                                           | ✓(5%)                    | ✓ | - |
| Corylus avellana (Hazel)                                                                                     |  | ✓                                                                                                                                                                                                                                                           | ✓(85%)                   | ✓ | ✓ |
| Crataegus monogyna (Hawthorn)                                                                                |  | ✓                                                                                                                                                                                                                                                           | ✓(5%)                    | - | ✓ |
| Euonymus europaeus (Spindle)                                                                                 |  | ✓                                                                                                                                                                                                                                                           | -                        | - | - |
| Ilex aquifolium (Holly)                                                                                      |  | ✓                                                                                                                                                                                                                                                           | -                        | - | ✓ |
| Prunus avium (Wild Cherry)                                                                                   |  | ✓                                                                                                                                                                                                                                                           | -                        | - | - |
| Prunus spinosa (Blackthorn)                                                                                  |  | ✓                                                                                                                                                                                                                                                           | -                        | ✓ | ✓ |
| Quercus robur (Pedunculate Oak)                                                                              |  | ✓                                                                                                                                                                                                                                                           | -                        | ✓ | - |
| Rosa canina (Dog-rose)                                                                                       |  | ✓                                                                                                                                                                                                                                                           | -                        | - | - |
| Sambucus nigra (Elder)                                                                                       |  | ✓                                                                                                                                                                                                                                                           | ✓(5%)                    | ✓ | - |
| Ulmus procera (English Elm)                                                                                  |  | ✓                                                                                                                                                                                                                                                           | -                        | - | - |
| Total - Schedule 3 species:                                                                                  |  | 11                                                                                                                                                                                                                                                          | 4                        | 5 | 4 |
| OTHER WOODY SPECIES                                                                                          |  |                                                                                                                                                                                                                                                             |                          |   |   |
| None                                                                                                         |  | -                                                                                                                                                                                                                                                           | -                        | - | - |
| Total - All Woody Species:                                                                                   |  | 11                                                                                                                                                                                                                                                          | 4                        | 5 | 4 |
| FEATURES                                                                                                     |  |                                                                                                                                                                                                                                                             |                          |   |   |
| Supporting bank or wall:                                                                                     |  | ✓                                                                                                                                                                                                                                                           |                          |   |   |
| Less than 10% gaps:                                                                                          |  | ✓                                                                                                                                                                                                                                                           |                          |   |   |
| Standard trees:                                                                                              |  | -                                                                                                                                                                                                                                                           |                          |   |   |
| Ditch for >50% of hedgerow length:                                                                           |  | -                                                                                                                                                                                                                                                           |                          |   |   |
| Parallel hedge within 15m:                                                                                   |  | ✓                                                                                                                                                                                                                                                           |                          |   |   |
| Four or more connection points:                                                                              |  | ✓(4)                                                                                                                                                                                                                                                        |                          |   |   |
| Connections:                                                                                                 |  | 4 hedge(s), 0 ponds(s) and 0 wood(s) = (4) points                                                                                                                                                                                                           |                          |   |   |
| Three or more Schedule 2 species:                                                                            |  | ✓(10)                                                                                                                                                                                                                                                       |                          |   |   |
| Schedule 2 Species:                                                                                          |  | Arum maculatum, Brachypodium sylvaticum, Dryopteris dilatata, Dryopteris filix-mas, Geranium robertianum, Geum urbanum, Hyacinthoides non-scripta, Mercurialis perennis, Phyllitis scolopendrium, Polystichum setiferum, Primula vulgaris, Veronica montana |                          |   |   |
| PHASE 1 DESCRIPTION                                                                                          |  |                                                                                                                                                                                                                                                             |                          |   |   |
| A hedge similar to Target Note 171 but strongly dominated by Corylus avellana (Hazel) at the crossing point. |  |                                                                                                                                                                                                                                                             |                          |   |   |
| CONCLUSION                                                                                                   |  |                                                                                                                                                                                                                                                             |                          |   |   |
| Average Number of Schedule 3 Species per 30m Stretch:                                                        |  | 4.3300000000000001                                                                                                                                                                                                                                          |                          |   |   |
| Number of Features:                                                                                          |  | 5                                                                                                                                                                                                                                                           |                          |   |   |
| Special Qualifying Species:                                                                                  |  | 0                                                                                                                                                                                                                                                           |                          |   |   |
| Threshold Altering Factors:                                                                                  |  | 1                                                                                                                                                                                                                                                           |                          |   |   |

| Hedge Number:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | 175                |                          |          |          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------|--------------------------|----------|----------|
| STATUS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  | Not Important      |                          |          |          |
| SCHEDULE 3 WOODY SPECIES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | In whole hedge     | In 30 m sample stretches |          |          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                    | XPt                      | 2        | 3        |
| <i>Acer campestre</i> (Field Maple)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  | ✓                  | -                        | -        | ✓        |
| <i>Cornus sanguinea</i> (Dogwood)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | ✓                  | -                        | -        | -        |
| <i>Corylus avellana</i> (Hazel)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | ✓                  | -                        | -        | -        |
| <i>Crataegus monogyna</i> (Hawthorn)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  | ✓                  | ✓ (70%)                  | ✓        | ✓        |
| <i>Prunus spinosa</i> (Blackthorn)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  | ✓                  | -                        | -        | ✓        |
| <i>Rosa canina</i> (Dog-rose)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | ✓                  | ✓ (10%)                  | ✓        | ✓        |
| <i>Sambucus nigra</i> (Elder)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | ✓                  | ✓ (20%)                  | ✓        | ✓        |
| <b>Total - Schedule 3 species:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  | <b>7</b>           | <b>3</b>                 | <b>3</b> | <b>5</b> |
| OTHER WOODY SPECIES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |                    |                          |          |          |
| None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  | -                  | -                        | -        | -        |
| <b>Total - All Woody Species:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | <b>7</b>           | <b>3</b>                 | <b>3</b> | <b>5</b> |
| FEATURES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                    |                          |          |          |
| <b>Supporting bank or wall:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | ✓                  |                          |          |          |
| <b>Less than 10% gaps:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  | ✓                  |                          |          |          |
| <b>Standard trees:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | -                  |                          |          |          |
| <b>Ditch for &gt;50% of hedgerow length:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  | -                  |                          |          |          |
| <b>Parallel hedge within 15m:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | -                  |                          |          |          |
| <b>Four or more connection points:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | ✓ (4)              |                          |          |          |
| Connections: 4 hedge(s), 0 ponds(s) and 0 wood(s) = (4) points                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                    |                          |          |          |
| <b>Three or more Schedule 2 species:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | -(2)               |                          |          |          |
| Schedule 2 Species: <i>Arum maculatum</i> , <i>Hyacinthoides non-scripta</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |                    |                          |          |          |
| PHASE 1 DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |                    |                          |          |          |
| A field hedge trimmed to 1.8 m high and 1.5 m wide. It is dominated by <i>Crataegus monogyna</i> (Hawthorn) with <i>Rubus fruticosus</i> agg. (Bramble) mixed in and also contains, in decreasing amounts, <i>Sambucus nigra</i> (Elder), <i>Prunus spinosa</i> (Blackthorn) and <i>Rosa canina</i> (Dog-rose). There are a few shrubs of <i>Acer campestre</i> (Field Maple), <i>Cornus sanguinea</i> (Dogwood) and <i>Corylus avellana</i> (Hazel). The field-layer largely comprises <i>Urtica dioica</i> (Common Nettle) with <i>Arum maculatum</i> (Lords-and-Ladies) and <i>Galium aparine</i> (Cleavers). |  |                    |                          |          |          |
| CONCLUSION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |                    |                          |          |          |
| <b>Average Number of Schedule 3 Species per 30m Stretch:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  | 3.6699999999999999 |                          |          |          |
| <b>Number of Features:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  | 3                  |                          |          |          |
| <b>Special Qualifying Species:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  | 0                  |                          |          |          |
| <b>Threshold Altering Factors:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  | 0                  |                          |          |          |

| Hedge Number:                                                                                                                                         |  | 176                                               |                          |   |   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------|--------------------------|---|---|
| STATUS:                                                                                                                                               |  | Not Important                                     |                          |   |   |
| SCHEDULE 3 WOODY SPECIES                                                                                                                              |  | In whole hedge                                    | In 30 m sample stretches |   |   |
|                                                                                                                                                       |  |                                                   | XPt                      | 2 | 3 |
| Acer campestre (Field Maple)                                                                                                                          |  | ✓                                                 | ✓(10%)                   | ✓ | - |
| Cornus sanguinea (Dogwood)                                                                                                                            |  | ✓                                                 | -                        | ✓ | - |
| Corylus avellana (Hazel)                                                                                                                              |  | ✓                                                 | -                        | - | - |
| Crataegus monogyna (Hawthorn)                                                                                                                         |  | ✓                                                 | ✓(20%)                   | ✓ | - |
| Euonymus europaeus (Spindle)                                                                                                                          |  | ✓                                                 | -                        | - | - |
| Fraxinus excelsior (Ash)                                                                                                                              |  | ✓                                                 | ✓(10%)                   | - | - |
| Ilex aquifolium (Holly)                                                                                                                               |  | ✓                                                 | -                        | ✓ | - |
| Prunus spinosa (Blackthorn)                                                                                                                           |  | ✓                                                 | ✓(60%)                   | ✓ | - |
| Total - Schedule 3 species:                                                                                                                           |  | 8                                                 | 4                        | 5 | 0 |
| OTHER WOODY SPECIES                                                                                                                                   |  |                                                   |                          |   |   |
| None                                                                                                                                                  |  | -                                                 | -                        | - | - |
| Total - All Woody Species:                                                                                                                            |  | 8                                                 | 4                        | 5 | 0 |
| FEATURES                                                                                                                                              |  |                                                   |                          |   |   |
| Supporting bank or wall:                                                                                                                              |  | -                                                 |                          |   |   |
| Less than 10% gaps:                                                                                                                                   |  | ✓                                                 |                          |   |   |
| Standard trees:                                                                                                                                       |  | -                                                 |                          |   |   |
| Ditch for >50% of hedgerow length:                                                                                                                    |  | ✓                                                 |                          |   |   |
| Parallel hedge within 15m:                                                                                                                            |  | -                                                 |                          |   |   |
| Four or more connection points:                                                                                                                       |  | ✓(4)                                              |                          |   |   |
| Connections:                                                                                                                                          |  | 4 hedge(s), 0 ponds(s) and 0 wood(s) = (4) points |                          |   |   |
| Three or more Schedule 2 species:                                                                                                                     |  | -(1)                                              |                          |   |   |
| Schedule 2 Species:                                                                                                                                   |  | Hyacinthoides non-scripta                         |                          |   |   |
| PHASE 1 DESCRIPTION                                                                                                                                   |  |                                                   |                          |   |   |
| A species-poor field hedge dominated by Crataegus monogyna (Hawthorn) and Prunus spinosa (Blackthorn) with an adjacent ditch containing little water. |  |                                                   |                          |   |   |
| CONCLUSION                                                                                                                                            |  |                                                   |                          |   |   |
| Average Number of Schedule 3 Species per 30m Stretch:                                                                                                 |  | 4.5                                               |                          |   |   |
| Number of Features:                                                                                                                                   |  | 3                                                 |                          |   |   |
| Special Qualifying Species:                                                                                                                           |  | 0                                                 |                          |   |   |
| Threshold Altering Factors:                                                                                                                           |  | 0                                                 |                          |   |   |

| Hedge Number:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 177                                                                                       |                             |   |   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------|---|---|
| STATUS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Not Important                                                                             |                             |   |   |
| SCHEDULE 3 WOODY SPECIES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | In whole<br>hedge                                                                         | In 30 m sample<br>stretches |   |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                           | XPt                         | 2 | 3 |
| <i>Crataegus monogyna</i> (Hawthorn)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | ✓                                                                                         | ✓(20%)                      | ✓ | - |
| <i>Prunus spinosa</i> (Blackthorn)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ✓                                                                                         | ✓(75%)                      | ✓ | - |
| <i>Quercus robur</i> (Pedunculate Oak)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ✓                                                                                         | -                           | - | - |
| <i>Rosa canina</i> (Dog-rose)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ✓                                                                                         | ✓(5%)                       | ✓ | - |
| <i>Sambucus nigra</i> (Elder)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ✓                                                                                         | -                           | - | - |
| Total - Schedule 3 species:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 5                                                                                         | 3                           | 3 | 0 |
| OTHER WOODY SPECIES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                           |                             |   |   |
| None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -                                                                                         | -                           | - | - |
| Total - All Woody Species:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 5                                                                                         | 3                           | 3 | 0 |
| FEATURES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                           |                             |   |   |
| Supporting bank or wall:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -                                                                                         |                             |   |   |
| Less than 10% gaps:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ✓                                                                                         |                             |   |   |
| Standard trees:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | -                                                                                         |                             |   |   |
| Ditch for >50% of hedgerow length:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ✓                                                                                         |                             |   |   |
| Parallel hedge within 15m:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | -                                                                                         |                             |   |   |
| Four or more connection points:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | ✓(4)                                                                                      |                             |   |   |
| Connections:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 4 hedge(s), 0 ponds(s) and 0 wood(s) = (4) points                                         |                             |   |   |
| Three or more Schedule 2 species:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ✓(3)                                                                                      |                             |   |   |
| Schedule 2 Species:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <i>Arum maculatum</i> , <i>Brachypodium sylvaticum</i> , <i>Hyacinthoides non-scripta</i> |                             |   |   |
| PHASE 1 DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                           |                             |   |   |
| A species-poor field hedge mechanically trimmed to about 1.7 m high and 1.3 m wide with a dry, recently cleared ditch at its base. The hedge is strongly dominated by <i>Crataegus monogyna</i> (Hawthorn) and <i>Prunus spinosa</i> (Blackthorn) with only a few <i>Rosa canina</i> (Dog-rose) bushes and one <i>Quercus robur</i> (Pedunculate Oak) tree, however, the field-layer does contains some <i>Arum maculatum</i> (Lords-and-Ladies), <i>Hyacinthoides non-scripta</i> (Bluebell) and <i>Silene dioica</i> (Red Campion). |                                                                                           |                             |   |   |
| CONCLUSION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                           |                             |   |   |
| Average Number of Schedule 3 Species per 30m Stretch:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 3                                                                                         |                             |   |   |
| Number of Features:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 4                                                                                         |                             |   |   |
| Special Qualifying Species:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0                                                                                         |                             |   |   |
| Threshold Altering Factors:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0                                                                                         |                             |   |   |

| Hedge Number:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  | 178                                                                                        |                          |   |   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------|--------------------------|---|---|
| STATUS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  | Important                                                                                  |                          |   |   |
| SCHEDULE 3 WOODY SPECIES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  | In whole hedge                                                                             | In 30 m sample stretches |   |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                                                                                            | XPt                      | 2 | 3 |
| <i>Acer campestre</i> (Field Maple)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | ✓                                                                                          | ✓(1%)                    | ✓ | - |
| <i>Cornus sanguinea</i> (Dogwood)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  | ✓                                                                                          | -                        | ✓ | - |
| <i>Corylus avellana</i> (Hazel)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  | ✓                                                                                          | -                        | - | - |
| <i>Crataegus monogyna</i> (Hawthorn)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  | ✓                                                                                          | ✓(15%)                   | ✓ | - |
| <i>Euonymus europaeus</i> (Spindle)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | ✓                                                                                          | -                        | - | - |
| <i>Malus sylvestris</i> (Crab Apple)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  | ✓                                                                                          | -                        | ✓ | - |
| <i>Prunus spinosa</i> (Blackthorn)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  | ✓                                                                                          | ✓(50%)                   | ✓ | - |
| <i>Quercus robur</i> (Pedunculate Oak)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | ✓                                                                                          | ✓(10%)                   | ✓ | - |
| <i>Rosa canina</i> (Dog-rose)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  | ✓                                                                                          | ✓(9%)                    | ✓ | - |
| <i>Ulmus procera</i> (English Elm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  | ✓                                                                                          | ✓(15%)                   | - | - |
| Total - Schedule 3 species:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  | 10                                                                                         | 6                        | 7 | 0 |
| OTHER WOODY SPECIES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                                                                                            |                          |   |   |
| None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  | -                                                                                          | -                        | - | - |
| Total - All Woody Species:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | 10                                                                                         | 6                        | 7 | 0 |
| FEATURES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                                                                            |                          |   |   |
| Supporting bank or wall:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  | -                                                                                          |                          |   |   |
| Less than 10% gaps:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | ✓                                                                                          |                          |   |   |
| Standard trees:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  | ✓                                                                                          |                          |   |   |
| Ditch for >50% of hedgerow length:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  | ✓                                                                                          |                          |   |   |
| Parallel hedge within 15m:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | -                                                                                          |                          |   |   |
| Four or more connection points:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  | ✓(5)                                                                                       |                          |   |   |
| Connections:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | 3 hedge(s), 1 ponds(s) and 0 wood(s) = (5) points                                          |                          |   |   |
| Three or more Schedule 2 species:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  | ✓(4)                                                                                       |                          |   |   |
| Schedule 2 Species:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | Brachypodium sylvaticum, Dryopteris filix-mas, Hyacinthoides non-scripta, Primula vulgaris |                          |   |   |
| PHASE 1 DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                                                                                            |                          |   |   |
| A line of semi-mature <i>Quercus robur</i> (Pedunculate Oak) trees with a hedge along the base containing <i>Acer campestre</i> (Field Maple), <i>Euonymus europaeus</i> (Spindle), <i>Prunus spinosa</i> (Blackthorn) and <i>Crataegus monogyna</i> (Hawthorn). The field-layer contains frequent <i>Galium aparine</i> (Cleavers) and <i>Hyacinthoides non-scripta</i> (Bluebell) with <i>Arum maculatum</i> (Lords-and-Ladies) and <i>Primula vulgaris</i> (Primrose). A small pond surrounded by mature Oaks lies just east of the hedge. |  |                                                                                            |                          |   |   |
| CONCLUSION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                                                            |                          |   |   |
| Average Number of Schedule 3 Species per 30m Stretch:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | 6.5                                                                                        |                          |   |   |
| Number of Features:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | 5                                                                                          |                          |   |   |
| Special Qualifying Species:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  | 0                                                                                          |                          |   |   |
| Threshold Altering Factors:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  | 0                                                                                          |                          |   |   |

| Hedge Number:                                                                                                                                                                                                                                                                                                                                                                               | 179                                               |                          |   |   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|--------------------------|---|---|
| STATUS:                                                                                                                                                                                                                                                                                                                                                                                     | Not Important                                     |                          |   |   |
| SCHEDULE 3 WOODY SPECIES                                                                                                                                                                                                                                                                                                                                                                    | In whole hedge                                    | In 30 m sample stretches |   |   |
|                                                                                                                                                                                                                                                                                                                                                                                             |                                                   | XPt                      | 2 | 3 |
| <i>Acer campestre</i> (Field Maple)                                                                                                                                                                                                                                                                                                                                                         | ✓                                                 | ✓(5%)                    | ✓ | - |
| <i>Cornus sanguinea</i> (Dogwood)                                                                                                                                                                                                                                                                                                                                                           | ✓                                                 | ✓(2%)                    | - | - |
| <i>Crataegus monogyna</i> (Hawthorn)                                                                                                                                                                                                                                                                                                                                                        | ✓                                                 | ✓(40%)                   | ✓ | - |
| <i>Euonymus europaeus</i> (Spindle)                                                                                                                                                                                                                                                                                                                                                         | ✓                                                 | ✓(3%)                    | - | - |
| <i>Fraxinus excelsior</i> (Ash)                                                                                                                                                                                                                                                                                                                                                             | ✓                                                 | -                        | - | - |
| <i>Prunus spinosa</i> (Blackthorn)                                                                                                                                                                                                                                                                                                                                                          | ✓                                                 | -                        | - | - |
| <i>Rosa canina</i> (Dog-rose)                                                                                                                                                                                                                                                                                                                                                               | ✓                                                 | ✓(5%)                    | ✓ | - |
| <i>Ulmus procera</i> (English Elm)                                                                                                                                                                                                                                                                                                                                                          | ✓                                                 | ✓(45%)                   | - | - |
| Total - Schedule 3 species:                                                                                                                                                                                                                                                                                                                                                                 | 8                                                 | 6                        | 3 | 0 |
| OTHER WOODY SPECIES                                                                                                                                                                                                                                                                                                                                                                         |                                                   |                          |   |   |
| None                                                                                                                                                                                                                                                                                                                                                                                        | -                                                 | -                        | - | - |
| Total - All Woody Species:                                                                                                                                                                                                                                                                                                                                                                  | 8                                                 | 6                        | 3 | 0 |
| FEATURES                                                                                                                                                                                                                                                                                                                                                                                    |                                                   |                          |   |   |
| Supporting bank or wall:                                                                                                                                                                                                                                                                                                                                                                    | -                                                 |                          |   |   |
| Less than 10% gaps:                                                                                                                                                                                                                                                                                                                                                                         | ✓                                                 |                          |   |   |
| Standard trees:                                                                                                                                                                                                                                                                                                                                                                             | -                                                 |                          |   |   |
| Ditch for >50% of hedgerow length:                                                                                                                                                                                                                                                                                                                                                          | ✓                                                 |                          |   |   |
| Parallel hedge within 15m:                                                                                                                                                                                                                                                                                                                                                                  | -                                                 |                          |   |   |
| Four or more connection points:                                                                                                                                                                                                                                                                                                                                                             | ✓(4)                                              |                          |   |   |
| Connections:                                                                                                                                                                                                                                                                                                                                                                                | 4 hedge(s), 0 ponds(s) and 0 wood(s) = (4) points |                          |   |   |
| Three or more Schedule 2 species:                                                                                                                                                                                                                                                                                                                                                           | -(2)                                              |                          |   |   |
| Schedule 2 Species:                                                                                                                                                                                                                                                                                                                                                                         | Arum maculatum, Hyacinthoides non-scripta         |                          |   |   |
| PHASE 1 DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                         |                                                   |                          |   |   |
| A mechanically trimmed hedge about 1.5 m in height comprising a mixture of <i>Crataegus monogyna</i> (Hawthorn) and <i>Ulmus procera</i> (English Elm) with <i>Acer campestre</i> (Field Maple) and <i>Euonymus europaeus</i> (Spindle). It has an adjacent dry ditch and some <i>Arum maculatum</i> (Lords-and-Ladies) and <i>Hyacinthoides non-scripta</i> (Bluebell) in the field-layer. |                                                   |                          |   |   |
| CONCLUSION                                                                                                                                                                                                                                                                                                                                                                                  |                                                   |                          |   |   |
| Average Number of Schedule 3 Species per 30m Stretch:                                                                                                                                                                                                                                                                                                                                       | 4.5                                               |                          |   |   |
| Number of Features:                                                                                                                                                                                                                                                                                                                                                                         | 3                                                 |                          |   |   |
| Special Qualifying Species:                                                                                                                                                                                                                                                                                                                                                                 | 0                                                 |                          |   |   |
| Threshold Altering Factors:                                                                                                                                                                                                                                                                                                                                                                 | 0                                                 |                          |   |   |

| Hedge Number:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 180                                               |                          |   |   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|--------------------------|---|---|
| STATUS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Not Important                                     |                          |   |   |
| SCHEDULE 3 WOODY SPECIES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | In whole hedge                                    | In 30 m sample stretches |   |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                   | XPt                      | 2 | 3 |
| <i>Acer campestre</i> (Field Maple)                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | ✓                                                 | -                        | ✓ | - |
| <i>Crataegus monogyna</i> (Hawthorn)                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | ✓                                                 | ✓(10%)                   | ✓ | - |
| <i>Euonymus europaeus</i> (Spindle)                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | ✓                                                 | -                        | - | - |
| <i>Ilex aquifolium</i> (Holly)                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | ✓                                                 | -                        | - | - |
| <i>Prunus spinosa</i> (Blackthorn)                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ✓                                                 | -                        | ✓ | - |
| <i>Quercus robur</i> (Pedunculate Oak)                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ✓                                                 | -                        | - | - |
| <i>Rosa canina</i> (Dog-rose)                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ✓                                                 | ✓(15%)                   | ✓ | - |
| <i>Sambucus nigra</i> (Elder)                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ✓                                                 | -                        | - | - |
| <i>Ulmus procera</i> (English Elm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ✓                                                 | ✓(75%)                   | ✓ | - |
| Total - Schedule 3 species:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 9                                                 | 3                        | 5 | 0 |
| OTHER WOODY SPECIES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                   |                          |   |   |
| None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | -                                                 | -                        | - | - |
| Total - All Woody Species:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 9                                                 | 3                        | 5 | 0 |
| FEATURES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                   |                          |   |   |
| Supporting bank or wall:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -                                                 |                          |   |   |
| Less than 10% gaps:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | -                                                 |                          |   |   |
| Standard trees:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | -                                                 |                          |   |   |
| Ditch for >50% of hedgerow length:                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ✓                                                 |                          |   |   |
| Parallel hedge within 15m:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -                                                 |                          |   |   |
| Four or more connection points:                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | ✓(4)                                              |                          |   |   |
| Connections:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 2 hedge(s), 1 ponds(s) and 0 wood(s) = (4) points |                          |   |   |
| Three or more Schedule 2 species:                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | -(1)                                              |                          |   |   |
| Schedule 2 Species:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Hyacinthoides non-scripta                         |                          |   |   |
| PHASE 1 DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                   |                          |   |   |
| A field hedge with a 20 m or so gap at the southern end where <i>Ulmus</i> species (an Elm) trees have died. The rest of the hedge is 4 m tall with abundant <i>Prunus spinosa</i> (Blackthorn), a single <i>Quercus robur</i> (Pedunculate Oak) tree and only small amounts of other shrub species. The hedge base is thick with <i>Rubus fruticosus</i> agg. (Bramble) and Blackthorn suckers so the field-layer is species-poor. A ditch beside the hedge has been cleared recently and is largely dry. |                                                   |                          |   |   |
| CONCLUSION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                   |                          |   |   |
| Average Number of Schedule 3 Species per 30m Stretch:                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 4                                                 |                          |   |   |
| Number of Features:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 2                                                 |                          |   |   |
| Special Qualifying Species:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 0                                                 |                          |   |   |
| Threshold Altering Factors:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 0                                                 |                          |   |   |

| Hedge Number:                                                                                                                                                                                                                                                                                                                                                                                                                                      | 181                                               |                             |   |   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|-----------------------------|---|---|
| STATUS:                                                                                                                                                                                                                                                                                                                                                                                                                                            | Important                                         |                             |   |   |
| SCHEDULE 3 WOODY SPECIES                                                                                                                                                                                                                                                                                                                                                                                                                           | In whole<br>hedge                                 | In 30 m sample<br>stretches |   |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                   | XPt                         | 2 | 3 |
| <i>Acer campestre</i> (Field Maple)                                                                                                                                                                                                                                                                                                                                                                                                                | ✓                                                 | ✓(50%)                      | ✓ | ✓ |
| <i>Cornus sanguinea</i> (Dogwood)                                                                                                                                                                                                                                                                                                                                                                                                                  | ✓                                                 | -                           | - | ✓ |
| <i>Corylus avellana</i> (Hazel)                                                                                                                                                                                                                                                                                                                                                                                                                    | ✓                                                 | ✓(5%)                       | ✓ | ✓ |
| <i>Crataegus monogyna</i> (Hawthorn)                                                                                                                                                                                                                                                                                                                                                                                                               | ✓                                                 | ✓(5%)                       | ✓ | ✓ |
| <i>Euonymus europaeus</i> (Spindle)                                                                                                                                                                                                                                                                                                                                                                                                                | ✓                                                 | ✓(5%)                       | ✓ | - |
| <i>Fraxinus excelsior</i> (Ash)                                                                                                                                                                                                                                                                                                                                                                                                                    | ✓                                                 | -(%)                        | ✓ | - |
| <i>Ligustrum vulgare</i> (Wild Privet)                                                                                                                                                                                                                                                                                                                                                                                                             | ✓                                                 | -(%)                        | - | ✓ |
| <i>Prunus spinosa</i> (Blackthorn)                                                                                                                                                                                                                                                                                                                                                                                                                 | ✓                                                 | ✓(15%)                      | ✓ | ✓ |
| <i>Quercus robur</i> (Pedunculate Oak)                                                                                                                                                                                                                                                                                                                                                                                                             | ✓                                                 | ✓(5%)                       | - | - |
| <i>Rosa canina</i> (Dog-rose)                                                                                                                                                                                                                                                                                                                                                                                                                      | ✓                                                 | ✓(15%)                      | ✓ | ✓ |
| <i>Salix cinerea</i> (Grey Willow)                                                                                                                                                                                                                                                                                                                                                                                                                 | ✓                                                 | -(%)                        | ✓ | - |
| Total - Schedule 3 species:                                                                                                                                                                                                                                                                                                                                                                                                                        | 11                                                | 7                           | 8 | 7 |
| OTHER WOODY SPECIES                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                   |                             |   |   |
| None                                                                                                                                                                                                                                                                                                                                                                                                                                               | -                                                 | -                           | - | - |
| Total - All Woody Species:                                                                                                                                                                                                                                                                                                                                                                                                                         | 11                                                | 7                           | 8 | 7 |
| FEATURES                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                   |                             |   |   |
| Supporting bank or wall:                                                                                                                                                                                                                                                                                                                                                                                                                           | -                                                 |                             |   |   |
| Less than 10% gaps:                                                                                                                                                                                                                                                                                                                                                                                                                                | ✓                                                 |                             |   |   |
| Standard trees:                                                                                                                                                                                                                                                                                                                                                                                                                                    | -                                                 |                             |   |   |
| Ditch for >50% of hedgerow length:                                                                                                                                                                                                                                                                                                                                                                                                                 | ✓                                                 |                             |   |   |
| Parallel hedge within 15m:                                                                                                                                                                                                                                                                                                                                                                                                                         | -                                                 |                             |   |   |
| Four or more connection points:                                                                                                                                                                                                                                                                                                                                                                                                                    | ✓(4)                                              |                             |   |   |
| Connections:                                                                                                                                                                                                                                                                                                                                                                                                                                       | 4 hedge(s), 0 ponds(s) and 0 wood(s) = (4) points |                             |   |   |
| Three or more Schedule 2 species:                                                                                                                                                                                                                                                                                                                                                                                                                  | -(2)                                              |                             |   |   |
| Schedule 2 Species:                                                                                                                                                                                                                                                                                                                                                                                                                                | Arum maculatum, Hyacinthoides non-scripta         |                             |   |   |
| PHASE 1 DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                   |                             |   |   |
| A field hedge trimmed to about 1.7 m high and 1.5 m wide with a few Quercus robur (Pedunculate Oak) standards and a dry ditch. It has a mixed shrub-layer of Acer campestre (Field Maple), Crataegus monogyna (Hawthorn), Prunus spinosa (Blackthorn) and Rosa canina (Dog-rose) together with small amounts of Corylus avellana (Hazel), Crataegus monogyna (Hawthorn) and Euonymus europaeus (Spindle), whereas the field-layer is species-poor. |                                                   |                             |   |   |
| CONCLUSION                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                   |                             |   |   |
| Average Number of Schedule 3 Species per 30m Stretch:                                                                                                                                                                                                                                                                                                                                                                                              | 7.3300000000000001                                |                             |   |   |
| Number of Features:                                                                                                                                                                                                                                                                                                                                                                                                                                | 3                                                 |                             |   |   |
| Special Qualifying Species:                                                                                                                                                                                                                                                                                                                                                                                                                        | 0                                                 |                             |   |   |
| Threshold Altering Factors:                                                                                                                                                                                                                                                                                                                                                                                                                        | 0                                                 |                             |   |   |

| <b>Hedge Number:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                   |  | <b>183</b>        |                             |          |          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------|-----------------------------|----------|----------|
| <b>STATUS:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | <b>Important</b>  |                             |          |          |
| <b>SCHEDULE 3 WOODY SPECIES</b>                                                                                                                                                                                                                                                                                                                                                                                                                        |  | In whole<br>hedge | In 30 m sample<br>stretches |          |          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                   | <b>XPt</b>                  | <b>2</b> | <b>3</b> |
| <i>Acer campestre</i> (Field Maple)                                                                                                                                                                                                                                                                                                                                                                                                                    |  | ✓                 | ✓(5%)                       | ✓        | -        |
| <i>Cornus sanguinea</i> (Dogwood)                                                                                                                                                                                                                                                                                                                                                                                                                      |  | ✓                 | -                           | ✓        | -        |
| <i>Corylus avellana</i> (Hazel)                                                                                                                                                                                                                                                                                                                                                                                                                        |  | ✓                 | ✓(10%)                      | ✓        | -        |
| <i>Crataegus laevigata</i> (Midland Hawthorn)                                                                                                                                                                                                                                                                                                                                                                                                          |  | ✓                 | ✓(10%)                      | -        | -        |
| <i>Crataegus monogyna</i> (Hawthorn)                                                                                                                                                                                                                                                                                                                                                                                                                   |  | ✓                 | ✓(10%)                      | ✓        | -        |
| <i>Euonymus europaeus</i> (Spindle)                                                                                                                                                                                                                                                                                                                                                                                                                    |  | ✓                 | ✓(20%)                      | ✓        | -        |
| <i>Fraxinus excelsior</i> (Ash)                                                                                                                                                                                                                                                                                                                                                                                                                        |  | ✓                 | -                           | -        | -        |
| <i>Malus sylvestris</i> (Crab Apple)                                                                                                                                                                                                                                                                                                                                                                                                                   |  | ✓                 | ✓(5%)                       | -        | -        |
| <i>Prunus spinosa</i> (Blackthorn)                                                                                                                                                                                                                                                                                                                                                                                                                     |  | ✓                 | ✓(35%)                      | ✓        | -        |
| <i>Quercus robur</i> (Pedunculate Oak)                                                                                                                                                                                                                                                                                                                                                                                                                 |  | ✓                 | -                           | -        | -        |
| <i>Rosa canina</i> (Dog-rose)                                                                                                                                                                                                                                                                                                                                                                                                                          |  | ✓                 | ✓(5%)                       | ✓        | -        |
| <b>Total - Schedule 3 species:</b>                                                                                                                                                                                                                                                                                                                                                                                                                     |  | <b>11</b>         | <b>8</b>                    | <b>7</b> | <b>0</b> |
| <b>OTHER WOODY SPECIES</b>                                                                                                                                                                                                                                                                                                                                                                                                                             |  |                   |                             |          |          |
| None                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  | -                 | -                           | -        | -        |
| <b>Total - All Woody Species:</b>                                                                                                                                                                                                                                                                                                                                                                                                                      |  | <b>11</b>         | <b>8</b>                    | <b>7</b> | <b>0</b> |
| <b>FEATURES</b>                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                   |                             |          |          |
| <b>Supporting bank or wall:</b>                                                                                                                                                                                                                                                                                                                                                                                                                        |  | -                 |                             |          |          |
| <b>Less than 10% gaps:</b>                                                                                                                                                                                                                                                                                                                                                                                                                             |  | ✓                 |                             |          |          |
| <b>Standard trees:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                 |  | -                 |                             |          |          |
| <b>Ditch for &gt;50% of hedgerow length:</b>                                                                                                                                                                                                                                                                                                                                                                                                           |  | ✓                 |                             |          |          |
| <b>Parallel hedge within 15m:</b>                                                                                                                                                                                                                                                                                                                                                                                                                      |  | -                 |                             |          |          |
| <b>Four or more connection points:</b>                                                                                                                                                                                                                                                                                                                                                                                                                 |  | ✓(4)              |                             |          |          |
| Connections: 2 hedge(s), 0 ponds(s) and 1 wood(s) = (4) points                                                                                                                                                                                                                                                                                                                                                                                         |  |                   |                             |          |          |
| <b>Three or more Schedule 2 species:</b>                                                                                                                                                                                                                                                                                                                                                                                                               |  | -(2)              |                             |          |          |
| Schedule 2 Species: <b><i>Arum maculatum</i>, <i>Hyacinthoides non-scripta</i></b>                                                                                                                                                                                                                                                                                                                                                                     |  |                   |                             |          |          |
| <b>PHASE 1 DESCRIPTION</b>                                                                                                                                                                                                                                                                                                                                                                                                                             |  |                   |                             |          |          |
| A field hedge trimmed to a height and width of about 1.5. It is dominated by <i>Crataegus monogyna</i> (Hawthorn) and <i>Prunus spinosa</i> (Blackthorn) with <i>Rosa canina</i> (Dog-rose), and has a ground flora characterised by <i>Hedera helix</i> (Ivy) with occasional <i>Arum maculatum</i> (Lords-and-Ladies), <i>Hyacinthoides non-scripta</i> (Bluebell) and <i>Urtica dioica</i> (Common Nettle). There is a dry ditch on the south side. |  |                   |                             |          |          |
| <b>CONCLUSION</b>                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                   |                             |          |          |
| <b>Average Number of Schedule 3 Species per 30m Stretch:</b>                                                                                                                                                                                                                                                                                                                                                                                           |  | 7.5               |                             |          |          |
| <b>Number of Features:</b>                                                                                                                                                                                                                                                                                                                                                                                                                             |  | 3                 |                             |          |          |
| <b>Special Qualifying Species:</b>                                                                                                                                                                                                                                                                                                                                                                                                                     |  | 0                 |                             |          |          |
| <b>Threshold Altering Factors:</b>                                                                                                                                                                                                                                                                                                                                                                                                                     |  | 0                 |                             |          |          |

| Hedge Number:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  | 185                                               |                             |   |   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------|-----------------------------|---|---|
| STATUS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | Not Important                                     |                             |   |   |
| SCHEDULE 3 WOODY SPECIES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  | In whole<br>hedge                                 | In 30 m sample<br>stretches |   |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |                                                   | XPt                         | 2 | 3 |
| Crataegus monogyna (Hawthorn)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  | ✓                                                 | ✓(20%)                      | - | - |
| Euonymus europaeus (Spindle)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  | ✓                                                 | ✓(5%)                       | - | - |
| Fraxinus excelsior (Ash)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  | ✓                                                 | -                           | - | - |
| Prunus spinosa (Blackthorn)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | ✓                                                 | ✓(70%)                      | - | - |
| Quercus robur (Pedunculate Oak)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  | ✓                                                 | -                           | - | - |
| Rosa canina (Dog-rose)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  | ✓                                                 | ✓(5%)                       | - | - |
| Total - Schedule 3 species:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | 6                                                 | 4                           | 0 | 0 |
| OTHER WOODY SPECIES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                   |                             |   |   |
| None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  | -                                                 | -                           | - | - |
| Total - All Woody Species:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  | 6                                                 | 4                           | 0 | 0 |
| FEATURES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                                                   |                             |   |   |
| Supporting bank or wall:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  | -                                                 |                             |   |   |
| Less than 10% gaps:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | ✓                                                 |                             |   |   |
| Standard trees:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  | -                                                 |                             |   |   |
| Ditch for >50% of hedgerow length:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | ✓                                                 |                             |   |   |
| Parallel hedge within 15m:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  | -                                                 |                             |   |   |
| Four or more connection points:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  | -(2)                                              |                             |   |   |
| Connections:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  | 0 hedge(s), 0 ponds(s) and 1 wood(s) = (2) points |                             |   |   |
| Three or more Schedule 2 species:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  | -(0)                                              |                             |   |   |
| Schedule 2 Species:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | None                                              |                             |   |   |
| PHASE 1 DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                   |                             |   |   |
| A 1.7 m hedge dominated by Prunus spinosa (Blackthorn) with Crataegus monogyna (Hawthorn) and Rosa canina (Dog-rose). The hedge doesn't extend for the entire field boundary and is replaced by a fence, but there is a ditch for the whole length. It is approximately 0.6 m wide and 0.1 m deep, and contains lots of algae. However, it also contains Phalaris arundinacea (Reed Canary-grass) and Oenanthe crocata (Hemlock Water-dropwort) together with small amounts of Barbarea vulgaris (Winter-cress), Cardamine pratensis (Cuckooflower) and Filipendula ulmaria (Meadowsweet). |  |                                                   |                             |   |   |
| CONCLUSION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |                                                   |                             |   |   |
| Average Number of Schedule 3 Species per 30m Stretch:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  | 4                                                 |                             |   |   |
| Number of Features:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | 2                                                 |                             |   |   |
| Special Qualifying Species:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | 0                                                 |                             |   |   |
| Threshold Altering Factors:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | 0                                                 |                             |   |   |

| Hedge Number:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 188                                               |                          |   |   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|--------------------------|---|---|
| STATUS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Not Important                                     |                          |   |   |
| SCHEDULE 3 WOODY SPECIES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | In whole hedge                                    | In 30 m sample stretches |   |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                   | XPt                      | 2 | 3 |
| <i>Acer campestre</i> (Field Maple)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ✓                                                 | -                        | - | - |
| <i>Cornus sanguinea</i> (Dogwood)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | ✓                                                 | -                        | - | - |
| <i>Crataegus monogyna</i> (Hawthorn)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ✓                                                 | ✓ (28%)                  | ✓ | - |
| <i>Euonymus europaeus</i> (Spindle)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ✓                                                 | -                        | ✓ | - |
| <i>Prunus spinosa</i> (Blackthorn)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ✓                                                 | ✓ (70%)                  | ✓ | - |
| <i>Quercus robur</i> (Pedunculate Oak)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | ✓                                                 | -                        | ✓ | - |
| <i>Rosa canina</i> (Dog-rose)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ✓                                                 | ✓ (2%)                   | ✓ | - |
| <i>Sambucus nigra</i> (Elder)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ✓                                                 | -                        | - | - |
| Total - Schedule 3 species:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 8                                                 | 3                        | 5 | 0 |
| OTHER WOODY SPECIES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                   |                          |   |   |
| None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -                                                 | -                        | - | - |
| Total - All Woody Species:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 8                                                 | 3                        | 5 | 0 |
| FEATURES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                   |                          |   |   |
| Supporting bank or wall:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | -                                                 |                          |   |   |
| Less than 10% gaps:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ✓                                                 |                          |   |   |
| Standard trees:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -                                                 |                          |   |   |
| Ditch for >50% of hedgerow length:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ✓                                                 |                          |   |   |
| Parallel hedge within 15m:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | -                                                 |                          |   |   |
| Four or more connection points:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -(2)                                              |                          |   |   |
| Connections:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2 hedge(s), 0 ponds(s) and 0 wood(s) = (2) points |                          |   |   |
| Three or more Schedule 2 species:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -(2)                                              |                          |   |   |
| Schedule 2 Species:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Arum maculatum, Mercurialis perennis              |                          |   |   |
| PHASE 1 DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                   |                          |   |   |
| A species-poor field hedge trimmed to a height and width of about 2 m and dominated by <i>Prunus spinosa</i> (Blackthorn) with <i>Crataegus monogyna</i> (Hawthorn). The field-layer underneath the hedge is quite sparse and mainly consists of <i>Arum maculatum</i> (Lords-and-Ladies), <i>Galium aparine</i> (Cleavers) and <i>Hedera helix</i> (Ivy). A shallow wet drain along the southern side of the hedge supports a stand of <i>Carex riparia</i> (Greater Pond-sedge) with frequent <i>Oenanthe crocata</i> (Hemlock Water-dropwort). |                                                   |                          |   |   |
| CONCLUSION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                   |                          |   |   |
| Average Number of Schedule 3 Species per 30m Stretch:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 4                                                 |                          |   |   |
| Number of Features:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 2                                                 |                          |   |   |
| Special Qualifying Species:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 0                                                 |                          |   |   |
| Threshold Altering Factors:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 0                                                 |                          |   |   |

| Hedge Number:                                                                                                                                                                                                                                                                                                                                                                    |  | 189            |                          |   |   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------|--------------------------|---|---|
| STATUS:                                                                                                                                                                                                                                                                                                                                                                          |  | Important      |                          |   |   |
| SCHEDULE 3 WOODY SPECIES                                                                                                                                                                                                                                                                                                                                                         |  | In whole hedge | In 30 m sample stretches |   |   |
|                                                                                                                                                                                                                                                                                                                                                                                  |  |                | XPt                      | 2 | 3 |
| <i>Acer campestre</i> (Field Maple)                                                                                                                                                                                                                                                                                                                                              |  | ✓              | -                        | - | - |
| <i>Cornus sanguinea</i> (Dogwood)                                                                                                                                                                                                                                                                                                                                                |  | ✓              | ✓(4%)                    | ✓ | - |
| <i>Crataegus monogyna</i> (Hawthorn)                                                                                                                                                                                                                                                                                                                                             |  | ✓              | ✓(5%)                    | - | - |
| <i>Euonymus europaeus</i> (Spindle)                                                                                                                                                                                                                                                                                                                                              |  | ✓              | -                        | - | - |
| <i>Prunus spinosa</i> (Blackthorn)                                                                                                                                                                                                                                                                                                                                               |  | ✓              | ✓(80%)                   | ✓ | - |
| <i>Quercus robur</i> (Pedunculate Oak)                                                                                                                                                                                                                                                                                                                                           |  | ✓              | ✓(4%)                    | - | - |
| <i>Rosa canina</i> (Dog-rose)                                                                                                                                                                                                                                                                                                                                                    |  | ✓              | ✓(2%)                    | ✓ | - |
| <i>Sambucus nigra</i> (Elder)                                                                                                                                                                                                                                                                                                                                                    |  | ✓              | ✓(5%)                    | ✓ | - |
| Total - Schedule 3 species:                                                                                                                                                                                                                                                                                                                                                      |  | 8              | 6                        | 4 | 0 |
| OTHER WOODY SPECIES                                                                                                                                                                                                                                                                                                                                                              |  |                |                          |   |   |
| None                                                                                                                                                                                                                                                                                                                                                                             |  | -              | -                        | - | - |
| Total - All Woody Species:                                                                                                                                                                                                                                                                                                                                                       |  | 8              | 6                        | 4 | 0 |
| FEATURES                                                                                                                                                                                                                                                                                                                                                                         |  |                |                          |   |   |
| <i>Supporting bank or wall:</i>                                                                                                                                                                                                                                                                                                                                                  |  | -              |                          |   |   |
| <i>Less than 10% gaps:</i>                                                                                                                                                                                                                                                                                                                                                       |  | ✓              |                          |   |   |
| <i>Standard trees:</i>                                                                                                                                                                                                                                                                                                                                                           |  | -              |                          |   |   |
| <i>Ditch for &gt;50% of hedgerow length:</i>                                                                                                                                                                                                                                                                                                                                     |  | ✓              |                          |   |   |
| <i>Parallel hedge within 15m:</i>                                                                                                                                                                                                                                                                                                                                                |  | -              |                          |   |   |
| <i>Four or more connection points:</i>                                                                                                                                                                                                                                                                                                                                           |  | ✓(4)           |                          |   |   |
| <i>Connections:</i> 4 hedge(s), 0 ponds(s) and 0 wood(s) = (4) points                                                                                                                                                                                                                                                                                                            |  |                |                          |   |   |
| <i>Three or more Schedule 2 species:</i>                                                                                                                                                                                                                                                                                                                                         |  | ✓(3)           |                          |   |   |
| <i>Schedule 2 Species:</i> Arum maculatum, Hyacinthoides non-scripta, Mercurialis perennis                                                                                                                                                                                                                                                                                       |  |                |                          |   |   |
| PHASE 1 DESCRIPTION                                                                                                                                                                                                                                                                                                                                                              |  |                |                          |   |   |
| A dense, species-poor <i>Prunus spinosa</i> (Blackthorn) hedge trimmed to about 1.5 m high and 2 m wide. There is occasional <i>Rosa canina</i> (Dog-rose) and a single <i>Quercus robur</i> (Pedunculate Oak) tree, and the field-layer contains some <i>Arum maculatum</i> (Lords-and-Ladies) and <i>Hyacinthoides non-scripta</i> (Bluebell). There is an adjacent dry ditch. |  |                |                          |   |   |
| CONCLUSION                                                                                                                                                                                                                                                                                                                                                                       |  |                |                          |   |   |
| <i>Average Number of Schedule 3 Species per 30m Stretch:</i>                                                                                                                                                                                                                                                                                                                     |  | 5              |                          |   |   |
| <i>Number of Features:</i>                                                                                                                                                                                                                                                                                                                                                       |  | 4              |                          |   |   |
| <i>Special Qualifying Species:</i>                                                                                                                                                                                                                                                                                                                                               |  | 0              |                          |   |   |
| <i>Threshold Altering Factors:</i>                                                                                                                                                                                                                                                                                                                                               |  | 1              |                          |   |   |

| Hedge Number:                                                                                                                                        |  | 190                                                                                   |                          |   |   |
|------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|--------------------------|---|---|
| STATUS:                                                                                                                                              |  | Not Important                                                                         |                          |   |   |
| SCHEDULE 3 WOODY SPECIES                                                                                                                             |  | In whole hedge                                                                        | In 30 m sample stretches |   |   |
|                                                                                                                                                      |  |                                                                                       | XPt                      | 2 | 3 |
| <i>Corylus avellana</i> (Hazel)                                                                                                                      |  | ✓                                                                                     | -                        | - | - |
| <i>Crataegus monogyna</i> (Hawthorn)                                                                                                                 |  | ✓                                                                                     | ✓ (25%)                  | ✓ | ✓ |
| <i>Euonymus europaeus</i> (Spindle)                                                                                                                  |  | ✓                                                                                     | -                        | ✓ | - |
| <i>Ligustrum vulgare</i> (Wild Privet)                                                                                                               |  | ✓                                                                                     | -                        | - | - |
| <i>Prunus spinosa</i> (Blackthorn)                                                                                                                   |  | ✓                                                                                     | ✓ (65%)                  | ✓ | ✓ |
| <i>Quercus robur</i> (Pedunculate Oak)                                                                                                               |  | ✓                                                                                     | -                        | - | - |
| <i>Rosa canina</i> (Dog-rose)                                                                                                                        |  | ✓                                                                                     | ✓ (10%)                  | ✓ | ✓ |
| <i>Sambucus nigra</i> (Elder)                                                                                                                        |  | ✓                                                                                     | -                        | ✓ | ✓ |
| Total - Schedule 3 species:                                                                                                                          |  | 8                                                                                     | 3                        | 5 | 4 |
| OTHER WOODY SPECIES                                                                                                                                  |  |                                                                                       |                          |   |   |
| None                                                                                                                                                 |  | -                                                                                     | -                        | - | - |
| Total - All Woody Species:                                                                                                                           |  | 8                                                                                     | 3                        | 5 | 4 |
| FEATURES                                                                                                                                             |  |                                                                                       |                          |   |   |
| Supporting bank or wall:                                                                                                                             |  | -                                                                                     |                          |   |   |
| Less than 10% gaps:                                                                                                                                  |  | ✓                                                                                     |                          |   |   |
| Standard trees:                                                                                                                                      |  | -                                                                                     |                          |   |   |
| Ditch for >50% of hedgerow length:                                                                                                                   |  | ✓                                                                                     |                          |   |   |
| Parallel hedge within 15m:                                                                                                                           |  | -                                                                                     |                          |   |   |
| Four or more connection points:                                                                                                                      |  | -(2)                                                                                  |                          |   |   |
| Connections:                                                                                                                                         |  | 2 hedge(s), 0 ponds(s) and 0 wood(s) = (2) points                                     |                          |   |   |
| Three or more Schedule 2 species:                                                                                                                    |  | ✓(4)                                                                                  |                          |   |   |
| Schedule 2 Species:                                                                                                                                  |  | Arum maculatum, Dryopteris filix-mas, Hyacinthoides non-scripta, Mercurialis perennis |                          |   |   |
| PHASE 1 DESCRIPTION                                                                                                                                  |  |                                                                                       |                          |   |   |
| A hedge similar to Target Note 189. However, it is slightly wider and Crataegus monogyna (Hawthorn) is co-dominant with Prunus spinosa (Blackthorn). |  |                                                                                       |                          |   |   |
| CONCLUSION                                                                                                                                           |  |                                                                                       |                          |   |   |
| Average Number of Schedule 3 Species per 30m Stretch:                                                                                                |  | 4                                                                                     |                          |   |   |
| Number of Features:                                                                                                                                  |  | 3                                                                                     |                          |   |   |
| Special Qualifying Species:                                                                                                                          |  | 0                                                                                     |                          |   |   |
| Threshold Altering Factors:                                                                                                                          |  | 0                                                                                     |                          |   |   |

| <b>Hedge Number:</b>                                                                                                                                                                                                                                                                                                                                                                                  |  | <b>191</b>        |                             |          |          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------|-----------------------------|----------|----------|
| <b>STATUS:</b>                                                                                                                                                                                                                                                                                                                                                                                        |  | <b>Important</b>  |                             |          |          |
| <b>SCHEDULE 3 WOODY SPECIES</b>                                                                                                                                                                                                                                                                                                                                                                       |  | In whole<br>hedge | In 30 m sample<br>stretches |          |          |
|                                                                                                                                                                                                                                                                                                                                                                                                       |  |                   | <b>XPt</b>                  | <b>2</b> | <b>3</b> |
| <i>Acer campestre</i> (Field Maple)                                                                                                                                                                                                                                                                                                                                                                   |  | ✓                 | -                           | -        | -        |
| <i>Crataegus monogyna</i> (Hawthorn)                                                                                                                                                                                                                                                                                                                                                                  |  | ✓                 | ✓ (10%)                     | -        | -        |
| <i>Ligustrum vulgare</i> (Wild Privet)                                                                                                                                                                                                                                                                                                                                                                |  | ✓                 | -                           | -        | -        |
| <i>Prunus spinosa</i> (Blackthorn)                                                                                                                                                                                                                                                                                                                                                                    |  | ✓                 | ✓ (75%)                     | -        | -        |
| <i>Quercus robur</i> (Pedunculate Oak)                                                                                                                                                                                                                                                                                                                                                                |  | ✓                 | ✓ (5%)                      | -        | -        |
| <i>Rosa canina</i> (Dog-rose)                                                                                                                                                                                                                                                                                                                                                                         |  | ✓                 | ✓ (10%)                     | -        | -        |
| <b>Total - Schedule 3 species:</b>                                                                                                                                                                                                                                                                                                                                                                    |  | <b>6</b>          | <b>4</b>                    | <b>0</b> | <b>0</b> |
| <b>OTHER WOODY SPECIES</b>                                                                                                                                                                                                                                                                                                                                                                            |  |                   |                             |          |          |
| None                                                                                                                                                                                                                                                                                                                                                                                                  |  | -                 | -                           | -        | -        |
| <b>Total - All Woody Species:</b>                                                                                                                                                                                                                                                                                                                                                                     |  | <b>6</b>          | <b>4</b>                    | <b>0</b> | <b>0</b> |
| <b>FEATURES</b>                                                                                                                                                                                                                                                                                                                                                                                       |  |                   |                             |          |          |
| <b>Supporting bank or wall:</b>                                                                                                                                                                                                                                                                                                                                                                       |  | ✓                 |                             |          |          |
| <b>Less than 10% gaps:</b>                                                                                                                                                                                                                                                                                                                                                                            |  | ✓                 |                             |          |          |
| <b>Standard trees:</b>                                                                                                                                                                                                                                                                                                                                                                                |  | ✓                 |                             |          |          |
| <b>Ditch for &gt;50% of hedgerow length:</b>                                                                                                                                                                                                                                                                                                                                                          |  | ✓                 |                             |          |          |
| <b>Parallel hedge within 15m:</b>                                                                                                                                                                                                                                                                                                                                                                     |  | -                 |                             |          |          |
| <b>Four or more connection points:</b>                                                                                                                                                                                                                                                                                                                                                                |  | ✓ (4)             |                             |          |          |
| Connections: 4 hedge(s), 0 ponds(s) and 0 wood(s) = (4) points                                                                                                                                                                                                                                                                                                                                        |  |                   |                             |          |          |
| <b>Three or more Schedule 2 species:</b>                                                                                                                                                                                                                                                                                                                                                              |  | ✓ (3)             |                             |          |          |
| Schedule 2 Species: <i>Arum maculatum</i> , <i>Brachypodium sylvaticum</i> , <i>Hyacinthoides non-scripta</i>                                                                                                                                                                                                                                                                                         |  |                   |                             |          |          |
| <b>PHASE 1 DESCRIPTION</b>                                                                                                                                                                                                                                                                                                                                                                            |  |                   |                             |          |          |
| A 2 m high hedge comprising a mixture of <i>Acer campestre</i> (Field Maple), <i>Crataegus monogyna</i> (Hawthorn), <i>Prunus spinosa</i> (Blackthorn) and <i>Rosa canina</i> (Dog-rose) with frequent <i>Quercus robur</i> (Pedunculate Oak) standards. The sparse field-layer does, however, contain some <i>Arum maculatum</i> (Lords-and-Ladies) and <i>Hyacinthoides non-scripta</i> (Bluebell). |  |                   |                             |          |          |
| <b>CONCLUSION</b>                                                                                                                                                                                                                                                                                                                                                                                     |  |                   |                             |          |          |
| <b>Average Number of Schedule 3 Species per 30m Stretch:</b>                                                                                                                                                                                                                                                                                                                                          |  | 4                 |                             |          |          |
| <b>Number of Features:</b>                                                                                                                                                                                                                                                                                                                                                                            |  | 6                 |                             |          |          |
| <b>Special Qualifying Species:</b>                                                                                                                                                                                                                                                                                                                                                                    |  | 0                 |                             |          |          |
| <b>Threshold Altering Factors:</b>                                                                                                                                                                                                                                                                                                                                                                    |  | 1                 |                             |          |          |

| Hedge Number:                                                                                                                                                                                                                                                  |  | 218                                               |                          |   |   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------|--------------------------|---|---|
| STATUS:                                                                                                                                                                                                                                                        |  | Not Important                                     |                          |   |   |
| SCHEDULE 3 WOODY SPECIES                                                                                                                                                                                                                                       |  | In whole hedge                                    | In 30 m sample stretches |   |   |
|                                                                                                                                                                                                                                                                |  |                                                   | XPt                      | 2 | 3 |
| <i>Crataegus monogyna</i> (Hawthorn)                                                                                                                                                                                                                           |  | ✓                                                 | -                        | ✓ | - |
| <i>Prunus spinosa</i> (Blackthorn)                                                                                                                                                                                                                             |  | ✓                                                 | ✓(99%)                   | ✓ | - |
| <i>Quercus robur</i> (Pedunculate Oak)                                                                                                                                                                                                                         |  | ✓                                                 | ✓(1%)                    | ✓ | - |
| <i>Rosa canina</i> (Dog-rose)                                                                                                                                                                                                                                  |  | ✓                                                 | -                        | - | - |
| Total - Schedule 3 species:                                                                                                                                                                                                                                    |  | 4                                                 | 2                        | 3 | 0 |
| OTHER WOODY SPECIES                                                                                                                                                                                                                                            |  |                                                   |                          |   |   |
| None                                                                                                                                                                                                                                                           |  | -                                                 | -                        | - | - |
| Total - All Woody Species:                                                                                                                                                                                                                                     |  | 4                                                 | 2                        | 3 | 0 |
| FEATURES                                                                                                                                                                                                                                                       |  |                                                   |                          |   |   |
| Supporting bank or wall:                                                                                                                                                                                                                                       |  | -                                                 |                          |   |   |
| Less than 10% gaps:                                                                                                                                                                                                                                            |  | ✓                                                 |                          |   |   |
| Standard trees:                                                                                                                                                                                                                                                |  | -                                                 |                          |   |   |
| Ditch for >50% of hedgerow length:                                                                                                                                                                                                                             |  | -                                                 |                          |   |   |
| Parallel hedge within 15m:                                                                                                                                                                                                                                     |  | -                                                 |                          |   |   |
| Four or more connection points:                                                                                                                                                                                                                                |  | ✓(4)                                              |                          |   |   |
| Connections:                                                                                                                                                                                                                                                   |  | 2 hedge(s), 0 ponds(s) and 1 wood(s) = (4) points |                          |   |   |
| Three or more Schedule 2 species:                                                                                                                                                                                                                              |  | -(0)                                              |                          |   |   |
| Schedule 2 Species:                                                                                                                                                                                                                                            |  | None                                              |                          |   |   |
| PHASE 1 DESCRIPTION                                                                                                                                                                                                                                            |  |                                                   |                          |   |   |
| A species-poor field hedge trimmed to a height and width of about 1.6 m and dominated by <i>Prunus spinosa</i> (Blackthorn) with <i>Crataegus monogyna</i> (Hawthorn) and one or two <i>Quercus robur</i> (Pedunculate Oak) and <i>Rosa canina</i> (Dog-rose). |  |                                                   |                          |   |   |
| CONCLUSION                                                                                                                                                                                                                                                     |  |                                                   |                          |   |   |
| Average Number of Schedule 3 Species per 30m Stretch:                                                                                                                                                                                                          |  | 2.5                                               |                          |   |   |
| Number of Features:                                                                                                                                                                                                                                            |  | 2                                                 |                          |   |   |
| Special Qualifying Species:                                                                                                                                                                                                                                    |  | 0                                                 |                          |   |   |
| Threshold Altering Factors:                                                                                                                                                                                                                                    |  | 1                                                 |                          |   |   |

| Hedge Number:                                                                                                                                                                                                                                                                                                                | 220                                                             |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|
| STATUS:                                                                                                                                                                                                                                                                                                                      | Important                                                       |
| SCHEDULE 3 WOODY SPECIES                                                                                                                                                                                                                                                                                                     | In whole hedge      In 30 m sample stretches                    |
|                                                                                                                                                                                                                                                                                                                              | XPt      2      3                                               |
| Acer campestre                                                                                                                                                                                                                                                                                                               | ✓      -      ✓      ✓                                          |
| Cornus sanguinea                                                                                                                                                                                                                                                                                                             | ✓      ✓(1%)      ✓      ✓                                      |
| Crataegus monogyna                                                                                                                                                                                                                                                                                                           | ✓      ✓(30%)      -      -                                     |
| Prunus spinosa                                                                                                                                                                                                                                                                                                               | ✓      ✓(60%)      ✓      ✓                                     |
| Quercus robur                                                                                                                                                                                                                                                                                                                | ✓      -(%)      -      -                                       |
| Rosa species                                                                                                                                                                                                                                                                                                                 | ✓      ✓(2%)      ✓      ✓                                      |
| Salix species                                                                                                                                                                                                                                                                                                                | ✓      -(%)      -      -                                       |
| Sambucus nigra                                                                                                                                                                                                                                                                                                               | ✓      ✓(5%)      -      -                                      |
| Total - Schedule 3 species:                                                                                                                                                                                                                                                                                                  | 8      5      4      4                                          |
| OTHER WOODY SPECIES                                                                                                                                                                                                                                                                                                          |                                                                 |
| None                                                                                                                                                                                                                                                                                                                         | -      -      -      -                                          |
| Total - All Woody Species:                                                                                                                                                                                                                                                                                                   | 8      5      4      4                                          |
| FEATURES                                                                                                                                                                                                                                                                                                                     |                                                                 |
| Supporting bank or wall:                                                                                                                                                                                                                                                                                                     | ✓                                                               |
| Less than 10% gaps:                                                                                                                                                                                                                                                                                                          | ✓                                                               |
| Standard trees:                                                                                                                                                                                                                                                                                                              | -                                                               |
| Ditch for >50% of hedgerow length:                                                                                                                                                                                                                                                                                           | -                                                               |
| Parallel hedge within 15m:                                                                                                                                                                                                                                                                                                   | -                                                               |
| Four or more connection points:                                                                                                                                                                                                                                                                                              | -(1)                                                            |
| Connections:                                                                                                                                                                                                                                                                                                                 | 1 hedge(s), 0 ponds(s) and 0 wood(s) = (1) points               |
| Three or more Schedule 2 species:                                                                                                                                                                                                                                                                                            | ✓(3)                                                            |
| Schedule 2 Species:                                                                                                                                                                                                                                                                                                          | Arum maculatum, Hyacinthoides non-scripta, Mercurialis perennis |
| PHASE 1 DESCRIPTION                                                                                                                                                                                                                                                                                                          |                                                                 |
| A field hedge dominated by Crataegus monogyna (Hawthorn) and Prunus spinosa (Blackthorn) with occasional Sambucus nigra (Elder) and trimmed to around 1.5 m high and 2 m wide. The hedge is on a low bank which supports some Arum maculatum (Lords-and-Ladies) and Hyacinthoides non-scripta (Bluebell) in the field-layer. |                                                                 |
| CONCLUSION                                                                                                                                                                                                                                                                                                                   |                                                                 |
| Average Number of Schedule 3 Species per 30m Stretch:                                                                                                                                                                                                                                                                        | 4.3300000000000001                                              |
| Number of Features:                                                                                                                                                                                                                                                                                                          | 3                                                               |
| Special Qualifying Species:                                                                                                                                                                                                                                                                                                  | 0                                                               |
| Threshold Altering Factors:                                                                                                                                                                                                                                                                                                  | 1                                                               |

| Hedge Number:                                                                                                                                                                                                                                                                                                                                                                                                                 |  | 226            |                          |          |          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------|--------------------------|----------|----------|
| STATUS:                                                                                                                                                                                                                                                                                                                                                                                                                       |  | Not Important  |                          |          |          |
| SCHEDULE 3 WOODY SPECIES                                                                                                                                                                                                                                                                                                                                                                                                      |  | In whole hedge | In 30 m sample stretches |          |          |
|                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                | XPt                      | 2        | 3        |
| <i>Cornus sanguinea</i> (Dogwood)                                                                                                                                                                                                                                                                                                                                                                                             |  | ✓              | -                        | -        | -        |
| <i>Crataegus monogyna</i> (Hawthorn)                                                                                                                                                                                                                                                                                                                                                                                          |  | ✓              | -                        | ✓        | ✓        |
| <i>Prunus spinosa</i> (Blackthorn)                                                                                                                                                                                                                                                                                                                                                                                            |  | ✓              | ✓(91%)                   | ✓        | ✓        |
| <i>Quercus robur</i> (Pedunculate Oak)                                                                                                                                                                                                                                                                                                                                                                                        |  | ✓              | ✓(15%)                   | ✓        | ✓        |
| <i>Rosa canina</i> (Dog-rose)                                                                                                                                                                                                                                                                                                                                                                                                 |  | ✓              | ✓(2%)                    | ✓        | ✓        |
| <i>Sambucus nigra</i> (Elder)                                                                                                                                                                                                                                                                                                                                                                                                 |  | ✓              | ✓(2%)                    | -        | -        |
| <b>Total - Schedule 3 species:</b>                                                                                                                                                                                                                                                                                                                                                                                            |  | <b>6</b>       | <b>4</b>                 | <b>4</b> | <b>4</b> |
| OTHER WOODY SPECIES                                                                                                                                                                                                                                                                                                                                                                                                           |  |                |                          |          |          |
| None                                                                                                                                                                                                                                                                                                                                                                                                                          |  | -              | -                        | -        | -        |
| <b>Total - All Woody Species:</b>                                                                                                                                                                                                                                                                                                                                                                                             |  | <b>6</b>       | <b>4</b>                 | <b>4</b> | <b>4</b> |
| FEATURES                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                |                          |          |          |
| <b>Supporting bank or wall:</b>                                                                                                                                                                                                                                                                                                                                                                                               |  | ✓              |                          |          |          |
| <b>Less than 10% gaps:</b>                                                                                                                                                                                                                                                                                                                                                                                                    |  | -              |                          |          |          |
| <b>Standard trees:</b>                                                                                                                                                                                                                                                                                                                                                                                                        |  | ✓              |                          |          |          |
| <b>Ditch for &gt;50% of hedgerow length:</b>                                                                                                                                                                                                                                                                                                                                                                                  |  | ✓              |                          |          |          |
| <b>Parallel hedge within 15m:</b>                                                                                                                                                                                                                                                                                                                                                                                             |  | -              |                          |          |          |
| <b>Four or more connection points:</b>                                                                                                                                                                                                                                                                                                                                                                                        |  | -(3)           |                          |          |          |
| Connections: 3 hedge(s), 0 ponds(s) and 0 wood(s) = (3) points                                                                                                                                                                                                                                                                                                                                                                |  |                |                          |          |          |
| <b>Three or more Schedule 2 species:</b>                                                                                                                                                                                                                                                                                                                                                                                      |  | ✓(3)           |                          |          |          |
| Schedule 2 Species: <i>Arum maculatum</i> , <i>Brachypodium sylvaticum</i> , <i>Mercurialis perennis</i>                                                                                                                                                                                                                                                                                                                      |  |                |                          |          |          |
| PHASE 1 DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                           |  |                |                          |          |          |
| A field hedge about 1.4 m high and 1.6 m wide on a bank with an adjacent ditch. The hedge is dominated by <i>Crataegus monogyna</i> (Hawthorn) and <i>Prunus spinosa</i> (Blackthorn) with a few <i>Rosa canina</i> (Dog-rose) shrubs and small <i>Quercus robur</i> (Pedunculate Oak) trees, and the field-layer is species-poor. The ditch is damp rather than wet and contains abundant <i>Juncus effusus</i> (Soft-rush). |  |                |                          |          |          |
| CONCLUSION                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                |                          |          |          |
| <b>Average Number of Schedule 3 Species per 30m Stretch:</b>                                                                                                                                                                                                                                                                                                                                                                  |  | 4              |                          |          |          |
| <b>Number of Features:</b>                                                                                                                                                                                                                                                                                                                                                                                                    |  | 4              |                          |          |          |
| <b>Special Qualifying Species:</b>                                                                                                                                                                                                                                                                                                                                                                                            |  | 0              |                          |          |          |
| <b>Threshold Altering Factors:</b>                                                                                                                                                                                                                                                                                                                                                                                            |  | 0              |                          |          |          |

| <b>Hedge Number:</b>                                                                                                                                                                     |  | <b>249</b>           |                             |          |          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------|-----------------------------|----------|----------|
| <b>STATUS:</b>                                                                                                                                                                           |  | <b>Not Important</b> |                             |          |          |
| <b>SCHEDULE 3 WOODY SPECIES</b>                                                                                                                                                          |  | In whole<br>hedge    | In 30 m sample<br>stretches |          |          |
|                                                                                                                                                                                          |  |                      | <b>XPt</b>                  | <b>2</b> | <b>3</b> |
| <i>Acer campestre</i> (Field Maple)                                                                                                                                                      |  | ✓                    | -                           | ✓        | -        |
| <i>Crataegus monogyna</i> (Hawthorn)                                                                                                                                                     |  | ✓                    | ✓ (10%)                     | ✓        | -        |
| <i>Hippophae rhamnoides</i> (Sea-buckthorn)                                                                                                                                              |  | ✓                    | ✓ (1%)                      | -        | -        |
| <i>Prunus spinosa</i> (Blackthorn)                                                                                                                                                       |  | ✓                    | ✓ (75%)                     | ✓        | -        |
| <i>Rosa canina</i> (Dog-rose)                                                                                                                                                            |  | ✓                    | ✓ (14%)                     | ✓        | -        |
| <b>Total - Schedule 3 species:</b>                                                                                                                                                       |  | <b>5</b>             | <b>4</b>                    | <b>4</b> | <b>0</b> |
| <b>OTHER WOODY SPECIES</b>                                                                                                                                                               |  |                      |                             |          |          |
| None                                                                                                                                                                                     |  | -                    | -                           | -        | -        |
| <b>Total - All Woody Species:</b>                                                                                                                                                        |  | <b>5</b>             | <b>4</b>                    | <b>4</b> | <b>0</b> |
| <b>FEATURES</b>                                                                                                                                                                          |  |                      |                             |          |          |
| <b>Supporting bank or wall:</b>                                                                                                                                                          |  | ✓                    |                             |          |          |
| <b>Less than 10% gaps:</b>                                                                                                                                                               |  | ✓                    |                             |          |          |
| <b>Standard trees:</b>                                                                                                                                                                   |  | -                    |                             |          |          |
| <b>Ditch for &gt;50% of hedgerow length:</b>                                                                                                                                             |  | ✓                    |                             |          |          |
| <b>Parallel hedge within 15m:</b>                                                                                                                                                        |  | -                    |                             |          |          |
| <b>Four or more connection points:</b>                                                                                                                                                   |  | ✓ (4)                |                             |          |          |
| Connections: 4 hedge(s), 0 ponds(s) and 4 wood(s) = (4) points                                                                                                                           |  |                      |                             |          |          |
| <b>Three or more Schedule 2 species:</b>                                                                                                                                                 |  | ✓ (4)                |                             |          |          |
| Schedule 2 Species: <i>Arum maculatum</i> , <i>Brachypodium sylvaticum</i> , <i>Hyacinthoides non-scripta</i> ,<br><i>Mercurialis perennis</i>                                           |  |                      |                             |          |          |
| <b>PHASE 1 DESCRIPTION</b>                                                                                                                                                               |  |                      |                             |          |          |
| A dense, species-poor <i>Prunus spinosa</i> (Blackthorn) hedge about 2.5 m high and wide with a field-layer of bare earth and leaf litter. There is a dry ditch along its northern side. |  |                      |                             |          |          |
| <b>CONCLUSION</b>                                                                                                                                                                        |  |                      |                             |          |          |
| <b>Average Number of Schedule 3 Species per 30m Stretch:</b>                                                                                                                             |  | 4                    |                             |          |          |
| <b>Number of Features:</b>                                                                                                                                                               |  | 5                    |                             |          |          |
| <b>Special Qualifying Species:</b>                                                                                                                                                       |  | 0                    |                             |          |          |
| <b>Threshold Altering Factors:</b>                                                                                                                                                       |  | 0                    |                             |          |          |

| Hedge Number:                                                                                                                                                                                | 252                                                    |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|
| STATUS:                                                                                                                                                                                      | Important                                              |
| SCHEDULE 3 WOODY SPECIES                                                                                                                                                                     | In whole hedge      In 30 m sample stretches           |
|                                                                                                                                                                                              | XPt      2      3                                      |
| <i>Acer campestre</i> (Field Maple)                                                                                                                                                          | ✓      -      -      -                                 |
| <i>Crataegus monogyna</i> (Hawthorn)                                                                                                                                                         | ✓      ✓(20%)      -      -                            |
| <i>Prunus spinosa</i> (Blackthorn)                                                                                                                                                           | ✓      ✓(79%)      -      -                            |
| <i>Quercus robur</i> (Pedunculate Oak)                                                                                                                                                       | ✓      -      -      -                                 |
| <i>Rosa canina</i> (Dog-rose)                                                                                                                                                                | ✓      ✓(1%)      -      -                             |
| <i>Total - Schedule 3 species:</i>                                                                                                                                                           | 5      3      0      0                                 |
| OTHER WOODY SPECIES                                                                                                                                                                          |                                                        |
| None                                                                                                                                                                                         | -      -      -      -                                 |
| <i>Total - All Woody Species:</i>                                                                                                                                                            | 5      3      0      0                                 |
| FEATURES                                                                                                                                                                                     |                                                        |
| <i>Supporting bank or wall:</i>                                                                                                                                                              | ✓                                                      |
| <i>Less than 10% gaps:</i>                                                                                                                                                                   | ✓                                                      |
| <i>Standard trees:</i>                                                                                                                                                                       | ✓                                                      |
| <i>Ditch for &gt;50% of hedgerow length:</i>                                                                                                                                                 | ✓                                                      |
| <i>Parallel hedge within 15m:</i>                                                                                                                                                            | -                                                      |
| <i>Four or more connection points:</i>                                                                                                                                                       | -(2)                                                   |
| <i>Connections:</i>                                                                                                                                                                          | 2 hedge(s), 0 ponds(s) and 0 wood(s) = (2) points      |
| <i>Three or more Schedule 2 species:</i>                                                                                                                                                     | -(2)                                                   |
| <i>Schedule 2 Species:</i>                                                                                                                                                                   | <i>Hyacinthoides non-scripta, Mercurialis perennis</i> |
| PHASE 1 DESCRIPTION                                                                                                                                                                          |                                                        |
| A hedge similar to <i>Target Note 249</i> , though it is slightly gappy at the proposed crossing point and there are mature <i>Quercus robur</i> (Pedunculate Oak) trees at its eastern end. |                                                        |
| CONCLUSION                                                                                                                                                                                   |                                                        |
| <i>Average Number of Schedule 3 Species per 30m Stretch:</i>                                                                                                                                 | 3                                                      |
| <i>Number of Features:</i>                                                                                                                                                                   | 4                                                      |
| <i>Special Qualifying Species:</i>                                                                                                                                                           | 0                                                      |
| <i>Threshold Altering Factors:</i>                                                                                                                                                           | 0                                                      |

| Hedge Number: 254                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|
| STATUS: Important                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                              |
| SCHEDULE 3 WOODY SPECIES                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | In whole hedge      In 30 m sample stretches |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | XPt      2      3                            |
| <i>Acer campestre</i> (Field Maple)                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | ✓      ✓(4%)      -      -                   |
| <i>Crataegus monogyna</i> (Hawthorn)                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | ✓      ✓(10%)      ✓      ✓                  |
| <i>Euonymus europaeus</i> (Spindle)                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | ✓      -      -      -                       |
| <i>Ligustrum vulgare</i> (Wild Privet)                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ✓      -      -      -                       |
| <i>Prunus spinosa</i> (Blackthorn)                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ✓      ✓(70%)      ✓      ✓                  |
| <i>Quercus robur</i> (Pedunculate Oak)                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ✓      ✓(1%)      ✓      ✓                   |
| <i>Rosa canina</i> (Dog-rose)                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | ✓      ✓(15%)      ✓      ✓                  |
| Total - Schedule 3 species:                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 7      5      4      4                       |
| OTHER WOODY SPECIES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                              |
| None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -      -      -      -                       |
| Total - All Woody Species:                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 7      5      4      4                       |
| FEATURES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                              |
| Supporting bank or wall:                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | ✓                                            |
| Less than 10% gaps:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | ✓                                            |
| Standard trees:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | ✓                                            |
| Ditch for >50% of hedgerow length:                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ✓                                            |
| Parallel hedge within 15m:                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | -                                            |
| Four or more connection points:                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | -(3)                                         |
| Connections:    3 hedge(s), 0 ponds(s) and 0 wood(s) = (3) points                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                              |
| Three or more Schedule 2 species:                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -(1)                                         |
| Schedule 2 Species: <i>Arum maculatum</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                              |
| PHASE 1 DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                              |
| A species-poor field hedge about 3.5 m high and 3 m wide with a few mature <i>Quercus robur</i> (Pedunculate Oak) trees and a dry ditch. The hedge is strongly dominated by <i>Prunus spinosa</i> (Blackthorn) along with <i>Rosa canina</i> (Dog-rose) and small amounts of <i>Crataegus monogyna</i> (Hawthorn) and <i>Ligustrum vulgare</i> (Wild Privet). The field-layer includes <i>Arum maculatum</i> (Lords-and-Ladies), <i>Hedera helix</i> (Ivy) and <i>Urtica dioica</i> (Common Nettle). |                                              |
| CONCLUSION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                              |
| Average Number of Schedule 3 Species per 30m Stretch:                                                                                                                                                                                                                                                                                                                                                                                                                                                | 4.3300000000000001                           |
| Number of Features:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 4                                            |
| Special Qualifying Species:                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 0                                            |
| Threshold Altering Factors:                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 0                                            |

| Hedge Number:                                                                                                                                                                                                             | 259                                               |                             |   |   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|-----------------------------|---|---|
| STATUS:                                                                                                                                                                                                                   | Important                                         |                             |   |   |
| SCHEDULE 3 WOODY SPECIES                                                                                                                                                                                                  | In whole<br>hedge                                 | In 30 m sample<br>stretches |   |   |
|                                                                                                                                                                                                                           |                                                   | XPt                         | 2 | 3 |
| <i>Crataegus monogyna</i> (Hawthorn)                                                                                                                                                                                      | ✓                                                 | ✓(62%)                      | - | - |
| <i>Euonymus europaeus</i> (Spindle)                                                                                                                                                                                       | ✓                                                 | ✓(1%)                       | - | - |
| <i>Ilex aquifolium</i> (Holly)                                                                                                                                                                                            | ✓                                                 | ✓(1%)                       | - | - |
| <i>Ligustrum vulgare</i> (Wild Privet)                                                                                                                                                                                    | ✓                                                 | ✓(1%)                       | - | - |
| <i>Prunus spinosa</i> (Blackthorn)                                                                                                                                                                                        | ✓                                                 | ✓(20%)                      | - | - |
| <i>Quercus robur</i> (Pedunculate Oak)                                                                                                                                                                                    | ✓                                                 | ✓(5%)                       | - | - |
| <i>Rosa canina</i> (Dog-rose)                                                                                                                                                                                             | ✓                                                 | ✓(10%)                      | - | - |
| <i>Total - Schedule 3 species:</i>                                                                                                                                                                                        | 7                                                 | 7                           | 0 | 0 |
| OTHER WOODY SPECIES                                                                                                                                                                                                       |                                                   |                             |   |   |
| None                                                                                                                                                                                                                      | -                                                 | -                           | - | - |
| <i>Total - All Woody Species:</i>                                                                                                                                                                                         | 7                                                 | 7                           | 0 | 0 |
| FEATURES                                                                                                                                                                                                                  |                                                   |                             |   |   |
| <i>Supporting bank or wall:</i>                                                                                                                                                                                           | -                                                 |                             |   |   |
| <i>Less than 10% gaps:</i>                                                                                                                                                                                                | ✓                                                 |                             |   |   |
| <i>Standard trees:</i>                                                                                                                                                                                                    | -                                                 |                             |   |   |
| <i>Ditch for &gt;50% of hedgerow length:</i>                                                                                                                                                                              | -                                                 |                             |   |   |
| <i>Parallel hedge within 15m:</i>                                                                                                                                                                                         | ✓                                                 |                             |   |   |
| <i>Four or more connection points:</i>                                                                                                                                                                                    | -(0)                                              |                             |   |   |
| <i>Connections:</i>                                                                                                                                                                                                       | 1 hedge(s), 0 ponds(s) and 0 wood(s) = (1) points |                             |   |   |
| <i>Three or more Schedule 2 species:</i>                                                                                                                                                                                  | -(1)                                              |                             |   |   |
| <i>Schedule 2 Species:</i>                                                                                                                                                                                                | <i>Arum maculatum</i>                             |                             |   |   |
| PHASE 1 DESCRIPTION                                                                                                                                                                                                       |                                                   |                             |   |   |
| A 30 m length of hedge alongside a track containing <i>Crataegus monogyna</i> (Hawthorn), <i>Prunus spinosa</i> (Blackthorn), <i>Rosa canina</i> (Dog-rose) and one or two <i>Ligustrum vulgare</i> (Wild Privet) shrubs. |                                                   |                             |   |   |
| CONCLUSION                                                                                                                                                                                                                |                                                   |                             |   |   |
| <i>Average Number of Schedule 3 Species per 30m Stretch:</i>                                                                                                                                                              | 7                                                 |                             |   |   |
| <i>Number of Features:</i>                                                                                                                                                                                                | 2                                                 |                             |   |   |
| <i>Special Qualifying Species:</i>                                                                                                                                                                                        | 0                                                 |                             |   |   |
| <i>Threshold Altering Factors:</i>                                                                                                                                                                                        | 0                                                 |                             |   |   |

| Hedge Number:                                                                                                                                                                                                                                                                                                                                                                       |  | 260                                                |                          |   |   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------|--------------------------|---|---|
| STATUS:                                                                                                                                                                                                                                                                                                                                                                             |  | Important                                          |                          |   |   |
| SCHEDULE 3 WOODY SPECIES                                                                                                                                                                                                                                                                                                                                                            |  | In whole hedge                                     | In 30 m sample stretches |   |   |
|                                                                                                                                                                                                                                                                                                                                                                                     |  |                                                    | XPt                      | 2 | 3 |
| Acer campestre (Field Maple)                                                                                                                                                                                                                                                                                                                                                        |  | ✓                                                  | ✓(45%)                   | - | - |
| Crataegus monogyna (Hawthorn)                                                                                                                                                                                                                                                                                                                                                       |  | ✓                                                  | ✓(5%)                    | - | - |
| Euonymus europaeus (Spindle)                                                                                                                                                                                                                                                                                                                                                        |  | ✓                                                  | ✓(2%)                    | - | - |
| Ligustrum vulgare (Wild Privet)                                                                                                                                                                                                                                                                                                                                                     |  | ✓                                                  | ✓(1%)                    | - | - |
| Prunus spinosa (Blackthorn)                                                                                                                                                                                                                                                                                                                                                         |  | ✓                                                  | ✓(15%)                   | - | - |
| Quercus robur (Pedunculate Oak)                                                                                                                                                                                                                                                                                                                                                     |  | ✓                                                  | ✓(1%)                    | - | - |
| Rosa canina (Dog-rose)                                                                                                                                                                                                                                                                                                                                                              |  | ✓                                                  | ✓(25%)                   | - | - |
| Total - Schedule 3 species:                                                                                                                                                                                                                                                                                                                                                         |  | 7                                                  | 7                        | 0 | 0 |
| OTHER WOODY SPECIES                                                                                                                                                                                                                                                                                                                                                                 |  |                                                    |                          |   |   |
| None                                                                                                                                                                                                                                                                                                                                                                                |  | -                                                  | -                        | - | - |
| Total - All Woody Species:                                                                                                                                                                                                                                                                                                                                                          |  | 7                                                  | 7                        | 0 | 0 |
| FEATURES                                                                                                                                                                                                                                                                                                                                                                            |  |                                                    |                          |   |   |
| Supporting bank or wall:                                                                                                                                                                                                                                                                                                                                                            |  | ✓                                                  |                          |   |   |
| Less than 10% gaps:                                                                                                                                                                                                                                                                                                                                                                 |  | ✓                                                  |                          |   |   |
| Standard trees:                                                                                                                                                                                                                                                                                                                                                                     |  | -                                                  |                          |   |   |
| Ditch for >50% of hedgerow length:                                                                                                                                                                                                                                                                                                                                                  |  | ✓                                                  |                          |   |   |
| Parallel hedge within 15m:                                                                                                                                                                                                                                                                                                                                                          |  | ✓                                                  |                          |   |   |
| Four or more connection points:                                                                                                                                                                                                                                                                                                                                                     |  | -(0)                                               |                          |   |   |
| Connections:   None                                                                                                                                                                                                                                                                                                                                                                 |  |                                                    |                          |   |   |
| Three or more Schedule 2 species:                                                                                                                                                                                                                                                                                                                                                   |  | -(2)                                               |                          |   |   |
| Schedule 2 Species:                                                                                                                                                                                                                                                                                                                                                                 |  | Brachypodium sylvaticum, Hyacinthoides non-scripta |                          |   |   |
| PHASE 1 DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                 |  |                                                    |                          |   |   |
| A 30 m section of hedge parallel to Target Note 259 comprising a mixture of Acer campestre (Field Maple), Crataegus monogyna (Hawthorn), Prunus spinosa (Blackthorn) and Rosa canina (Dog-rose) with Ligustrum vulgare (Wild Privet). On the northern side there is a dry ditch to the north with Rosa canina (Dog-rose) and Rubus fruticosus agg. (Bramble) scrub on its far bank. |  |                                                    |                          |   |   |
| CONCLUSION                                                                                                                                                                                                                                                                                                                                                                          |  |                                                    |                          |   |   |
| Average Number of Schedule 3 Species per 30m Stretch:                                                                                                                                                                                                                                                                                                                               |  | 7                                                  |                          |   |   |
| Number of Features:                                                                                                                                                                                                                                                                                                                                                                 |  | 4                                                  |                          |   |   |
| Special Qualifying Species:                                                                                                                                                                                                                                                                                                                                                         |  | 0                                                  |                          |   |   |
| Threshold Altering Factors:                                                                                                                                                                                                                                                                                                                                                         |  | 0                                                  |                          |   |   |

| Hedge Number:                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 271                                                               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|
| STATUS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Important                                                         |
| SCHEDULE 3 WOODY SPECIES                                                                                                                                                                                                                                                                                                                                                                                                                                                          | In whole hedge      In 30 m sample stretches<br>XPt      2      3 |
| <i>Acer campestre</i> (Field Maple)                                                                                                                                                                                                                                                                                                                                                                                                                                               | ✓      -      ✓      -                                            |
| <i>Cornus sanguinea</i> (Dogwood)                                                                                                                                                                                                                                                                                                                                                                                                                                                 | ✓      -      -      -                                            |
| <i>Crataegus monogyna</i> (Hawthorn)                                                                                                                                                                                                                                                                                                                                                                                                                                              | ✓      ✓(9%)      ✓      -                                        |
| <i>Euonymus europaeus</i> (Spindle)                                                                                                                                                                                                                                                                                                                                                                                                                                               | ✓      -      -      ✓                                            |
| <i>Prunus spinosa</i> (Blackthorn)                                                                                                                                                                                                                                                                                                                                                                                                                                                | ✓      ✓(60%)      ✓      ✓                                       |
| <i>Quercus robur</i> (Pedunculate Oak)                                                                                                                                                                                                                                                                                                                                                                                                                                            | ✓      ✓(30%)      ✓      ✓                                       |
| <i>Rosa canina</i> (Dog-rose)                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ✓      ✓(1%)      ✓      ✓                                        |
| <i>Salix</i> species (a Willow)                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ✓      -      ✓      -                                            |
| <i>Total - Schedule 3 species:</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>8      4      6      4</b>                                     |
| OTHER WOODY SPECIES                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                   |
| None                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -      -      -      -                                            |
| <i>Total - All Woody Species:</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>8      4      6      4</b>                                     |
| FEATURES                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                   |
| <i>Supporting bank or wall:</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ✓                                                                 |
| <i>Less than 10% gaps:</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                        | ✓                                                                 |
| <i>Standard trees:</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                            | ✓                                                                 |
| <i>Ditch for &gt;50% of hedgerow length:</i>                                                                                                                                                                                                                                                                                                                                                                                                                                      | ✓                                                                 |
| <i>Parallel hedge within 15m:</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -                                                                 |
| <i>Four or more connection points:</i>                                                                                                                                                                                                                                                                                                                                                                                                                                            | ✓ (4)                                                             |
| <i>Connections:</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 4 hedge(s), 0 ponds(s) and 0 wood(s) = (4) points                 |
| <i>Three or more Schedule 2 species:</i>                                                                                                                                                                                                                                                                                                                                                                                                                                          | ✓(3)                                                              |
| <i>Schedule 2 Species:</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <i>Arum maculatum, Brachypodium sylvaticum, Primula vulgaris</i>  |
| PHASE 1 DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                   |
| A hedge comprising a line of <i>Quercus robur</i> (Pedunculate Oak) trees about 15 m tall over a shrub-layer of <i>Prunus spinosa</i> (Blackthorn) with <i>Acer campestre</i> (Field Maple) and <i>Crataegus monogyna</i> (Hawthorn). The field-layer is fairly sparse, though there are scattered plants of <i>Arum maculatum</i> (Lords-and-Ladies), <i>Iris foetidissima</i> (Stinking Iris) and <i>Primula vulgaris</i> (Primrose). There is a dry ditch along the east side. |                                                                   |
| CONCLUSION                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                   |
| <i>Average Number of Schedule 3 Species per 30m Stretch:</i>                                                                                                                                                                                                                                                                                                                                                                                                                      | 4.6699999999999999                                                |
| <i>Number of Features:</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 6                                                                 |
| <i>Special Qualifying Species:</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                | 0                                                                 |
| <i>Threshold Altering Factors:</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1                                                                 |

| Hedge Number:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 275                                                                                                                                              |  |  |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|
| STATUS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Important                                                                                                                                        |  |  |  |
| SCHEDULE 3 WOODY SPECIES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | In whole hedge      In 30 m sample stretches                                                                                                     |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | XPt      2      3                                                                                                                                |  |  |  |
| <i>Acer campestre</i> (Field Maple)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | ✓      -      -      -                                                                                                                           |  |  |  |
| <i>Cornus sanguinea</i> (Dogwood)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ✓      ✓(10%)      ✓      -                                                                                                                      |  |  |  |
| <i>Crataegus monogyna</i> (Hawthorn)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | ✓      ✓(2%)      ✓      ✓                                                                                                                       |  |  |  |
| <i>Daphne laureola</i> (Spurge-laurel)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ✓      -      -      -                                                                                                                           |  |  |  |
| <i>Euonymus europaeus</i> (Spindle)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | ✓      -      ✓      -                                                                                                                           |  |  |  |
| <i>Fraxinus excelsior</i> (Ash)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | ✓      ✓(2%)      -      -                                                                                                                       |  |  |  |
| <i>Ilex aquifolium</i> (Holly)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | ✓      -      -      -                                                                                                                           |  |  |  |
| <i>Ligustrum vulgare</i> (Wild Privet)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ✓      -      ✓      -                                                                                                                           |  |  |  |
| <i>Prunus spinosa</i> (Blackthorn)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ✓      ✓(75%)      ✓      ✓                                                                                                                      |  |  |  |
| <i>Pyrus pyraster</i> (Wild Pear)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ✓      ✓(1%)      -      -                                                                                                                       |  |  |  |
| <i>Quercus robur</i> (Pedunculate Oak)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ✓      ✓(5%)      ✓      -                                                                                                                       |  |  |  |
| <i>Rosa canina</i> (Dog-rose)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | ✓      ✓(5%)      ✓      ✓                                                                                                                       |  |  |  |
| <i>Salix cinerea</i> (Grey Willow)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ✓      -      ✓      -                                                                                                                           |  |  |  |
| <i>Sambucus nigra</i> (Elder)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | ✓      -      -      -                                                                                                                           |  |  |  |
| <b>Total - Schedule 3 species:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>14      7      8      3</b>                                                                                                                   |  |  |  |
| OTHER WOODY SPECIES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                  |  |  |  |
| None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -      -      -      -                                                                                                                           |  |  |  |
| <b>Total - All Woody Species:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>14      7      8      3</b>                                                                                                                   |  |  |  |
| FEATURES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                  |  |  |  |
| <b>Supporting bank or wall:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | -                                                                                                                                                |  |  |  |
| <b>Less than 10% gaps:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | -                                                                                                                                                |  |  |  |
| <b>Standard trees:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ✓                                                                                                                                                |  |  |  |
| <b>Ditch for &gt;50% of hedgerow length:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | -                                                                                                                                                |  |  |  |
| <b>Parallel hedge within 15m:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -                                                                                                                                                |  |  |  |
| <b>Four or more connection points:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | -(2)                                                                                                                                             |  |  |  |
| <b>Connections:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2 hedge(s), 0 ponds(s) and 0 wood(s) = (2) points                                                                                                |  |  |  |
| <b>Three or more Schedule 2 species:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | ✓(5)                                                                                                                                             |  |  |  |
| <b>Schedule 2 Species:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <i>Arum maculatum</i> , <i>Brachypodium sylvaticum</i> , <i>Hyacinthoides non-scripta</i> , <i>Mercurialis perennis</i> , <i>Viola riviniana</i> |  |  |  |
| PHASE 1 DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                  |  |  |  |
| A dense, wide hedge about 5-6 m high and 6-10 m wide with a few mature <i>Quercus robur</i> (Pedunculate Oak) standards. It largely consists of <i>Prunus spinosa</i> (Blackthorn) suckers that have outgrown the original hedge – a line of leggy <i>Crataegus monogyna</i> (Hawthorn) shrubs along the north edge –, together with other species at low abundances including <i>Cornus sanguinea</i> (Dogwood), <i>Fraxinus excelsior</i> (Ash), <i>Ligustrum vulgare</i> (Wild Privet), <i>Rosa canina</i> (Dog-rose) and <i>Salix cinerea</i> (Grey Willow). The field-layer is generally sparse but with a scatter of grasses, <i>Arum maculatum</i> (Lords-and-Ladies), <i>Mercurialis perennis</i> (Dog’s Mercury), <i>Rumex sanguineus</i> (Wood Dock), <i>Urtica dioica</i> (Common Nettle) and <i>Viola riviniana</i> (Common Dog-violet). |                                                                                                                                                  |  |  |  |
| CONCLUSION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                  |  |  |  |
| <b>Average Number of Schedule 3 Species per 30m Stretch:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 6                                                                                                                                                |  |  |  |
| <b>Number of Features:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2                                                                                                                                                |  |  |  |
| <b>Special Qualifying Species:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 0                                                                                                                                                |  |  |  |
| <b>Threshold Altering Factors:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 0                                                                                                                                                |  |  |  |

| <b>Hedge Number:</b>                                                                                                                                                                                                                                                                                                                 |  | <b>278</b>        |                             |          |          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------|-----------------------------|----------|----------|
| <b>STATUS:</b>                                                                                                                                                                                                                                                                                                                       |  | <b>Important</b>  |                             |          |          |
| <b>SCHEDULE 3 WOODY SPECIES</b>                                                                                                                                                                                                                                                                                                      |  | In whole<br>hedge | In 30 m sample<br>stretches |          |          |
|                                                                                                                                                                                                                                                                                                                                      |  |                   | <b>XPt</b>                  | <b>2</b> | <b>3</b> |
| <i>Acer campestre</i> (Field Maple)                                                                                                                                                                                                                                                                                                  |  | ✓                 | ✓(9%)                       | -        | -        |
| <i>Crataegus laevigata</i> (Midland Hawthorn)                                                                                                                                                                                                                                                                                        |  | ✓                 | ✓(1%)                       | -        | -        |
| <i>Crataegus monogyna</i> (Hawthorn)                                                                                                                                                                                                                                                                                                 |  | ✓                 | ✓(20%)                      | -        | -        |
| <i>Euonymus europaeus</i> (Spindle)                                                                                                                                                                                                                                                                                                  |  | ✓                 | ✓(1%)                       | -        | -        |
| <i>Prunus spinosa</i> (Blackthorn)                                                                                                                                                                                                                                                                                                   |  | ✓                 | ✓(59%)                      | -        | -        |
| <i>Quercus robur</i> (Pedunculate Oak)                                                                                                                                                                                                                                                                                               |  | ✓                 | ✓(9%)                       | -        | -        |
| <i>Rosa canina</i> (Dog-rose)                                                                                                                                                                                                                                                                                                        |  | ✓                 | ✓(1%)                       | -        | -        |
| <b>Total - Schedule 3 species:</b>                                                                                                                                                                                                                                                                                                   |  | <b>7</b>          | <b>7</b>                    | <b>0</b> | <b>0</b> |
| <b>OTHER WOODY SPECIES</b>                                                                                                                                                                                                                                                                                                           |  |                   |                             |          |          |
| None                                                                                                                                                                                                                                                                                                                                 |  | -                 | -                           | -        | -        |
| <b>Total - All Woody Species:</b>                                                                                                                                                                                                                                                                                                    |  | <b>7</b>          | <b>7</b>                    | <b>0</b> | <b>0</b> |
| <b>FEATURES</b>                                                                                                                                                                                                                                                                                                                      |  |                   |                             |          |          |
| <i>Supporting bank or wall:</i>                                                                                                                                                                                                                                                                                                      |  | ✓                 |                             |          |          |
| <i>Less than 10% gaps:</i>                                                                                                                                                                                                                                                                                                           |  | ✓                 |                             |          |          |
| <i>Standard trees:</i>                                                                                                                                                                                                                                                                                                               |  | ✓                 |                             |          |          |
| <i>Ditch for &gt;50% of hedgerow length:</i>                                                                                                                                                                                                                                                                                         |  | ✓                 |                             |          |          |
| <i>Parallel hedge within 15m:</i>                                                                                                                                                                                                                                                                                                    |  | -                 |                             |          |          |
| <i>Four or more connection points:</i>                                                                                                                                                                                                                                                                                               |  | ✓ (4)             |                             |          |          |
| <i>Connections:</i> 2 hedge(s), 0 ponds(s) and 1 wood(s) = (4) points                                                                                                                                                                                                                                                                |  |                   |                             |          |          |
| <i>Three or more Schedule 2 species:</i>                                                                                                                                                                                                                                                                                             |  | -(1)              |                             |          |          |
| <i>Schedule 2 Species:</i> <b><i>Ajuga reptans</i></b>                                                                                                                                                                                                                                                                               |  |                   |                             |          |          |
| <b>PHASE 1 DESCRIPTION</b>                                                                                                                                                                                                                                                                                                           |  |                   |                             |          |          |
| A field hedge trimmed to a height and width of about 2.5 m and comprising mainly <i>Crataegus monogyna</i> (Hawthorn) and <i>Prunus spinosa</i> (Blackthorn) with small amounts of <i>Quercus robur</i> (Pedunculate Oak) and <i>Rosa canina</i> (Dog-rose). The field-layer is sparse and there is a dry ditch along its east side. |  |                   |                             |          |          |
| <b>CONCLUSION</b>                                                                                                                                                                                                                                                                                                                    |  |                   |                             |          |          |
| <i>Average Number of Schedule 3 Species per 30m Stretch:</i>                                                                                                                                                                                                                                                                         |  | 7                 |                             |          |          |
| <i>Number of Features:</i>                                                                                                                                                                                                                                                                                                           |  | 5                 |                             |          |          |
| <i>Special Qualifying Species:</i>                                                                                                                                                                                                                                                                                                   |  | 0                 |                             |          |          |
| <i>Threshold Altering Factors:</i>                                                                                                                                                                                                                                                                                                   |  | 1                 |                             |          |          |

| Hedge Number:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 279                                                                                                                                                                            |                             |   |   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|---|---|
| STATUS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Important                                                                                                                                                                      |                             |   |   |
| SCHEDULE 3 WOODY SPECIES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | In whole<br>hedge                                                                                                                                                              | In 30 m sample<br>stretches |   |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                | XPt                         | 2 | 3 |
| <i>Acer campestre</i> (Field Maple)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ✓                                                                                                                                                                              | ✓(10%)                      | ✓ | - |
| <i>Cornus sanguinea</i> (Dogwood)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ✓                                                                                                                                                                              | ✓(4%)                       | ✓ | - |
| <i>Crataegus laevigata</i> (Midland Hawthorn)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ✓                                                                                                                                                                              | ✓(1%)                       | - | - |
| <i>Crataegus monogyna</i> (Hawthorn)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | ✓                                                                                                                                                                              | ✓(30%)                      | - | - |
| <i>Euonymus europaeus</i> (Spindle)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ✓                                                                                                                                                                              | ✓(4%)                       | - | - |
| <i>Fraxinus excelsior</i> (Ash)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | ✓                                                                                                                                                                              | ✓(4%)                       | - | - |
| <i>Ligustrum vulgare</i> (Wild Privet)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ✓                                                                                                                                                                              | ✓(2%)                       | ✓ | - |
| <i>Prunus spinosa</i> (Blackthorn)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ✓                                                                                                                                                                              | ✓(30%)                      | ✓ | - |
| <i>Quercus robur</i> (Pedunculate Oak)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ✓                                                                                                                                                                              | ✓(13%)                      | ✓ | - |
| <i>Rosa canina</i> (Dog-rose)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ✓                                                                                                                                                                              | ✓(2%)                       | ✓ | - |
| <i>Sorbus torminalis</i> (Wild Service-tree)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ✓                                                                                                                                                                              | -                           | ✓ | - |
| Total - Schedule 3 species:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 11                                                                                                                                                                             | 10                          | 7 | 0 |
| OTHER WOODY SPECIES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                |                             |   |   |
| None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -                                                                                                                                                                              | -                           | - | - |
| Total - All Woody Species:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 11                                                                                                                                                                             | 10                          | 7 | 0 |
| FEATURES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                |                             |   |   |
| Supporting bank or wall:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ✓                                                                                                                                                                              |                             |   |   |
| Less than 10% gaps:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ✓                                                                                                                                                                              |                             |   |   |
| Standard trees:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | ✓                                                                                                                                                                              |                             |   |   |
| Ditch for >50% of hedgerow length:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ✓                                                                                                                                                                              |                             |   |   |
| Parallel hedge within 15m:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | ✓                                                                                                                                                                              |                             |   |   |
| Four or more connection points:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -(1)                                                                                                                                                                           |                             |   |   |
| Connections:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1 hedge(s), 0 ponds(s) and 0 wood(s) = (1) points                                                                                                                              |                             |   |   |
| Three or more Schedule 2 species:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ✓(6)                                                                                                                                                                           |                             |   |   |
| Schedule 2 Species:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <i>Arum maculatum</i> , <i>Brachypodium sylvaticum</i> , <i>Geranium robertianum</i> ,<br><i>Geum urbanum</i> , <i>Hyacinthoides non-scripta</i> , <i>Mercurialis perennis</i> |                             |   |   |
| PHASE 1 DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                |                             |   |   |
| A dense, well-maintained hedge about 1.6 m high and wide overtopped by a few <i>Quercus robur</i> (Pedunculate Oak) standards. The main shrub species are <i>Crataegus monogyna</i> (Hawthorn) and <i>Prunus spinosa</i> (Blackthorn) together with various amounts of <i>Acer campestre</i> (Field Maple), <i>Cornus sanguinea</i> (Dogwood), <i>Euonymus europaeus</i> (Spindle), <i>Fraxinus excelsior</i> (Ash), <i>Ligustrum vulgare</i> (Wild Privet) and <i>Rosa canina</i> (Dog-rose). The field-layer is grassy, but with woodland herbs including <i>Arum maculatum</i> (Lords-and-Ladies), <i>Brachypodium sylvaticum</i> (False Brome), <i>Hyacinthoides non-scripta</i> (Bluebell) and <i>Mercurialis perennis</i> (Dog's Mercury). |                                                                                                                                                                                |                             |   |   |
| CONCLUSION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                |                             |   |   |
| Average Number of Schedule 3 Species per 30m Stretch:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 8.5                                                                                                                                                                            |                             |   |   |
| Number of Features:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 6                                                                                                                                                                              |                             |   |   |
| Special Qualifying Species:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1                                                                                                                                                                              |                             |   |   |
| Threshold Altering Factors:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 0                                                                                                                                                                              |                             |   |   |

| Hedge Number:                                         |  | 280                                                                                                     |                             |   |   |
|-------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------|-----------------------------|---|---|
| STATUS:                                               |  | Important                                                                                               |                             |   |   |
| SCHEDULE 3 WOODY SPECIES                              |  | In whole<br>hedge                                                                                       | In 30 m sample<br>stretches |   |   |
|                                                       |  |                                                                                                         | XPt                         | 2 | 3 |
| Acer campestre (Field Maple)                          |  | ✓                                                                                                       | -                           | ✓ | ✓ |
| Cornus sanguinea (Dogwood)                            |  | ✓                                                                                                       | -                           | ✓ | ✓ |
| Crataegus monogyna (Hawthorn)                         |  | ✓                                                                                                       | ✓(55%)                      | ✓ | ✓ |
| Ligustrum vulgare (Wild Privet)                       |  | ✓                                                                                                       | ✓(5%)                       | ✓ | ✓ |
| Prunus spinosa (Blackthorn)                           |  | ✓                                                                                                       | ✓(25%)                      | ✓ | ✓ |
| Quercus robur (Pedunculate Oak)                       |  | ✓                                                                                                       | ✓(2%)                       | - | ✓ |
| Rosa canina (Dog-rose)                                |  | ✓                                                                                                       | ✓(13%)                      | ✓ | ✓ |
| Total - Schedule 3 species:                           |  | 7                                                                                                       | 5                           | 6 | 7 |
| OTHER WOODY SPECIES                                   |  |                                                                                                         |                             |   |   |
| None                                                  |  | -                                                                                                       | -                           | - | - |
| Total - All Woody Species:                            |  | 7                                                                                                       | 5                           | 6 | 7 |
| FEATURES                                              |  |                                                                                                         |                             |   |   |
| Supporting bank or wall:                              |  | -                                                                                                       |                             |   |   |
| Less than 10% gaps:                                   |  | ✓                                                                                                       |                             |   |   |
| Standard trees:                                       |  | ✓                                                                                                       |                             |   |   |
| Ditch for >50% of hedgerow length:                    |  | ✓                                                                                                       |                             |   |   |
| Parallel hedge within 15m:                            |  | ✓                                                                                                       |                             |   |   |
| Four or more connection points:                       |  | -(1)                                                                                                    |                             |   |   |
| Connections:                                          |  | 1 hedge(s), 0 ponds(s) and 0 wood(s) = (1) points                                                       |                             |   |   |
| Three or more Schedule 2 species:                     |  | ✓(5)                                                                                                    |                             |   |   |
| Schedule 2 Species:                                   |  | Ajuga reptans, Arum maculatum, Brachypodium sylvaticum, Hyacinthoides non-scripta, Mercurialis perennis |                             |   |   |
| PHASE 1 DESCRIPTION                                   |  |                                                                                                         |                             |   |   |
| A hedge similar to Target Note 280.                   |  |                                                                                                         |                             |   |   |
| CONCLUSION                                            |  |                                                                                                         |                             |   |   |
| Average Number of Schedule 3 Species per 30m Stretch: |  | 6                                                                                                       |                             |   |   |
| Number of Features:                                   |  | 5                                                                                                       |                             |   |   |
| Special Qualifying Species:                           |  | 0                                                                                                       |                             |   |   |
| Threshold Altering Factors:                           |  | 0                                                                                                       |                             |   |   |

| Hedge Number:                                                                                                                                                                                             |  | 281                                               |                             |   |   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------|-----------------------------|---|---|
| STATUS:                                                                                                                                                                                                   |  | Not Important                                     |                             |   |   |
| SCHEDULE 3 WOODY SPECIES                                                                                                                                                                                  |  | In whole<br>hedge                                 | In 30 m sample<br>stretches |   |   |
|                                                                                                                                                                                                           |  |                                                   | XPt                         | 2 | 3 |
| Crataegus monogyna (Hawthorn)                                                                                                                                                                             |  | ✓                                                 | ✓(10%)                      | ✓ | ✓ |
| Euonymus europaeus (Spindle)                                                                                                                                                                              |  | ✓                                                 | -                           | ✓ | ✓ |
| Ligustrum vulgare (Wild Privet)                                                                                                                                                                           |  | ✓                                                 | -                           | ✓ | - |
| Prunus spinosa (Blackthorn)                                                                                                                                                                               |  | ✓                                                 | ✓(85%)                      | ✓ | - |
| Quercus robur (Pedunculate Oak)                                                                                                                                                                           |  | ✓                                                 | -                           | - | ✓ |
| Rosa canina (Dog-rose)                                                                                                                                                                                    |  | ✓                                                 | ✓(5%)                       | ✓ | ✓ |
| Salix fragilis (Crack-willow)                                                                                                                                                                             |  | ✓                                                 | -                           | - | - |
| Total - Schedule 3 species:                                                                                                                                                                               |  | 7                                                 | 3                           | 5 | 4 |
| OTHER WOODY SPECIES                                                                                                                                                                                       |  |                                                   |                             |   |   |
| None                                                                                                                                                                                                      |  | -                                                 | -                           | - | - |
| Total - All Woody Species:                                                                                                                                                                                |  | 7                                                 | 3                           | 5 | 4 |
| FEATURES                                                                                                                                                                                                  |  |                                                   |                             |   |   |
| Supporting bank or wall:                                                                                                                                                                                  |  | -                                                 |                             |   |   |
| Less than 10% gaps:                                                                                                                                                                                       |  | ✓                                                 |                             |   |   |
| Standard trees:                                                                                                                                                                                           |  | -                                                 |                             |   |   |
| Ditch for >50% of hedgerow length:                                                                                                                                                                        |  | ✓                                                 |                             |   |   |
| Parallel hedge within 15m:                                                                                                                                                                                |  | -                                                 |                             |   |   |
| Four or more connection points:                                                                                                                                                                           |  | ✓(6)                                              |                             |   |   |
| Connections:                                                                                                                                                                                              |  | 4 hedge(s), 1 ponds(s) and 0 wood(s) = (6) points |                             |   |   |
| Three or more Schedule 2 species:                                                                                                                                                                         |  | -(1)                                              |                             |   |   |
| Schedule 2 Species:                                                                                                                                                                                       |  | Mercurialis perennis                              |                             |   |   |
| PHASE 1 DESCRIPTION                                                                                                                                                                                       |  |                                                   |                             |   |   |
| A dense, clipped hedge about 2 m tall and wide comprising mainly Prunus spinosa (Blackthorn) with Crataegus monogyna (Hawthorn) and Rosa canina (Dog-rose). There is a dry ditch along its northern side. |  |                                                   |                             |   |   |
| CONCLUSION                                                                                                                                                                                                |  |                                                   |                             |   |   |
| Average Number of Schedule 3 Species per 30m Stretch:                                                                                                                                                     |  | 4                                                 |                             |   |   |
| Number of Features:                                                                                                                                                                                       |  | 3                                                 |                             |   |   |
| Special Qualifying Species:                                                                                                                                                                               |  | 0                                                 |                             |   |   |
| Threshold Altering Factors:                                                                                                                                                                               |  | 0                                                 |                             |   |   |

| Hedge Number:                                                                                                                                            | 282                                                                    |                          |   |   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|--------------------------|---|---|
| STATUS:                                                                                                                                                  | Not Important                                                          |                          |   |   |
| SCHEDULE 3 WOODY SPECIES                                                                                                                                 | In whole hedge                                                         | In 30 m sample stretches |   |   |
|                                                                                                                                                          |                                                                        | XPt                      | 2 | 3 |
| <i>Acer campestre</i> (Field Maple)                                                                                                                      | ✓                                                                      | -                        | - | - |
| <i>Crataegus monogyna</i> (Hawthorn)                                                                                                                     | ✓                                                                      | ✓(35%)                   | - | - |
| <i>Prunus spinosa</i> (Blackthorn)                                                                                                                       | ✓                                                                      | ✓(45%)                   | - | - |
| <i>Rosa canina</i> (Dog-rose)                                                                                                                            | ✓                                                                      | ✓(20%)                   | - | - |
| <i>Total - Schedule 3 species:</i>                                                                                                                       | 4                                                                      | 3                        | 0 | 0 |
| OTHER WOODY SPECIES                                                                                                                                      |                                                                        |                          |   |   |
| None                                                                                                                                                     | -                                                                      | -                        | - | - |
| <i>Total - All Woody Species:</i>                                                                                                                        | 4                                                                      | 3                        | 0 | 0 |
| FEATURES                                                                                                                                                 |                                                                        |                          |   |   |
| <i>Supporting bank or wall:</i>                                                                                                                          | -                                                                      |                          |   |   |
| <i>Less than 10% gaps:</i>                                                                                                                               | ✓                                                                      |                          |   |   |
| <i>Standard trees:</i>                                                                                                                                   | -                                                                      |                          |   |   |
| <i>Ditch for &gt;50% of hedgerow length:</i>                                                                                                             | ✓                                                                      |                          |   |   |
| <i>Parallel hedge within 15m:</i>                                                                                                                        | -                                                                      |                          |   |   |
| <i>Four or more connection points:</i>                                                                                                                   | -(2)                                                                   |                          |   |   |
| <i>Connections:</i>                                                                                                                                      | 2 hedge(s), 0 ponds(s) and 0 wood(s) = (2) points                      |                          |   |   |
| <i>Three or more Schedule 2 species:</i>                                                                                                                 | ✓(3)                                                                   |                          |   |   |
| <i>Schedule 2 Species:</i>                                                                                                                               | <i>Brachypodium sylvaticum, Mercurialis perennis, Primula vulgaris</i> |                          |   |   |
| PHASE 1 DESCRIPTION                                                                                                                                      |                                                                        |                          |   |   |
| A hedge similar to <i>Target Note 281</i> , but with a line of mature <i>Quercus robur</i> (Pedunculate Oak) trees on the bank of an adjacent dry ditch. |                                                                        |                          |   |   |
| CONCLUSION                                                                                                                                               |                                                                        |                          |   |   |
| <i>Average Number of Schedule 3 Species per 30m Stretch:</i>                                                                                             | 3                                                                      |                          |   |   |
| <i>Number of Features:</i>                                                                                                                               | 3                                                                      |                          |   |   |
| <i>Special Qualifying Species:</i>                                                                                                                       | 0                                                                      |                          |   |   |
| <i>Threshold Altering Factors:</i>                                                                                                                       | 1                                                                      |                          |   |   |

| Hedge Number:                                                                                                   |  | 284               |                             |   |   |
|-----------------------------------------------------------------------------------------------------------------|--|-------------------|-----------------------------|---|---|
| STATUS:                                                                                                         |  | Important         |                             |   |   |
| SCHEDULE 3 WOODY SPECIES                                                                                        |  | In whole<br>hedge | In 30 m sample<br>stretches |   |   |
|                                                                                                                 |  |                   | XPt                         | 2 | 3 |
| <i>Acer campestre</i> (Field Maple)                                                                             |  | ✓                 | ✓(35%)                      | - | - |
| <i>Corylus avellana</i> (Hazel)                                                                                 |  | ✓                 | -                           | - | - |
| <i>Crataegus monogyna</i> (Hawthorn)                                                                            |  | ✓                 | ✓(20%)                      | - | - |
| <i>Prunus spinosa</i> (Blackthorn)                                                                              |  | ✓                 | ✓(20%)                      | - | - |
| <i>Quercus robur</i> (Pedunculate Oak)                                                                          |  | ✓                 | ✓(10%)                      | - | - |
| <i>Rosa canina</i> (Dog-rose)                                                                                   |  | ✓                 | ✓(10%)                      | - | - |
| <i>Sambucus nigra</i> (Elder)                                                                                   |  | ✓                 | ✓(5%)                       | - | - |
| <i>Total - Schedule 3 species:</i>                                                                              |  | 7                 | 6                           | 0 | 0 |
| OTHER WOODY SPECIES                                                                                             |  |                   |                             |   |   |
| <i>Acer pseudoplatanus</i> (Sycamore)                                                                           |  | ✓                 | -                           | - | - |
| <i>Total - All Woody Species:</i>                                                                               |  | 8                 | 6                           | 0 | 0 |
| FEATURES                                                                                                        |  |                   |                             |   |   |
| <i>Supporting bank or wall:</i>                                                                                 |  | -                 |                             |   |   |
| <i>Less than 10% gaps:</i>                                                                                      |  | ✓                 |                             |   |   |
| <i>Standard trees:</i>                                                                                          |  | ✓                 |                             |   |   |
| <i>Ditch for &gt;50% of hedgerow length:</i>                                                                    |  | ✓                 |                             |   |   |
| <i>Parallel hedge within 15m:</i>                                                                               |  | -                 |                             |   |   |
| <i>Four or more connection points:</i>                                                                          |  | -(3)              |                             |   |   |
| <i>Connections:</i> 3 hedge(s), 0 ponds(s) and 0 wood(s) = (3) points                                           |  |                   |                             |   |   |
| <i>Three or more Schedule 2 species:</i>                                                                        |  | ✓(3)              |                             |   |   |
| <i>Schedule 2 Species:</i> <i>Arum maculatum</i> , <i>Brachypodium sylvaticum</i> , <i>Mercurialis perennis</i> |  |                   |                             |   |   |
| PHASE 1 DESCRIPTION                                                                                             |  |                   |                             |   |   |
| A continuation of the hedge described in <i>Target Note 286</i> .                                               |  |                   |                             |   |   |
| CONCLUSION                                                                                                      |  |                   |                             |   |   |
| <i>Average Number of Schedule 3 Species per 30m Stretch:</i>                                                    |  | 6                 |                             |   |   |
| <i>Number of Features:</i>                                                                                      |  | 4                 |                             |   |   |
| <i>Special Qualifying Species:</i>                                                                              |  | 0                 |                             |   |   |
| <i>Threshold Altering Factors:</i>                                                                              |  | 1                 |                             |   |   |

| Hedge Number:                                                                                                                                                                                                                      | 285                |                          |   |   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|--------------------------|---|---|
| STATUS:                                                                                                                                                                                                                            | Not Important      |                          |   |   |
| SCHEDULE 3 WOODY SPECIES                                                                                                                                                                                                           | In whole hedge     | In 30 m sample stretches |   |   |
|                                                                                                                                                                                                                                    |                    | XPt                      | 2 | 3 |
| <i>Crataegus monogyna</i> (Hawthorn)                                                                                                                                                                                               | ✓                  | ✓(20%)                   | ✓ | ✓ |
| <i>Prunus spinosa</i> (Blackthorn)                                                                                                                                                                                                 | ✓                  | ✓(70%)                   | ✓ | ✓ |
| <i>Quercus robur</i> (Pedunculate Oak)                                                                                                                                                                                             | ✓                  | ✓(3%)                    | - | - |
| <i>Rosa canina</i> (Dog-rose)                                                                                                                                                                                                      | ✓                  | ✓(7%)                    | ✓ | ✓ |
| <i>Total - Schedule 3 species:</i>                                                                                                                                                                                                 | 4                  | 4                        | 3 | 3 |
| OTHER WOODY SPECIES                                                                                                                                                                                                                |                    |                          |   |   |
| None                                                                                                                                                                                                                               | -                  | -                        | - | - |
| <i>Total - All Woody Species:</i>                                                                                                                                                                                                  | 4                  | 4                        | 3 | 3 |
| FEATURES                                                                                                                                                                                                                           |                    |                          |   |   |
| <i>Supporting bank or wall:</i>                                                                                                                                                                                                    | -                  |                          |   |   |
| <i>Less than 10% gaps:</i>                                                                                                                                                                                                         | ✓                  |                          |   |   |
| <i>Standard trees:</i>                                                                                                                                                                                                             | -                  |                          |   |   |
| <i>Ditch for &gt;50% of hedgerow length:</i>                                                                                                                                                                                       | -                  |                          |   |   |
| <i>Parallel hedge within 15m:</i>                                                                                                                                                                                                  | -                  |                          |   |   |
| <i>Four or more connection points:</i>                                                                                                                                                                                             | -(2)               |                          |   |   |
| <i>Connections:</i> 2 hedge(s), 0 ponds(s) and 0 wood(s) = (2) points                                                                                                                                                              |                    |                          |   |   |
| <i>Three or more Schedule 2 species:</i>                                                                                                                                                                                           | -(0)               |                          |   |   |
| <i>Schedule 2 Species:</i> None                                                                                                                                                                                                    |                    |                          |   |   |
| PHASE 1 DESCRIPTION                                                                                                                                                                                                                |                    |                          |   |   |
| A dense, clipped hedge about 1.7 m tall strongly dominated by <i>Crataegus monogyna</i> (Hawthorn) and <i>Prunus spinosa</i> (Blackthorn) with <i>Rosa canina</i> (Dog-rose) and two <i>Quercus robur</i> (Pedunculate Oak) trees. |                    |                          |   |   |
| CONCLUSION                                                                                                                                                                                                                         |                    |                          |   |   |
| <i>Average Number of Schedule 3 Species per 30m Stretch:</i>                                                                                                                                                                       | 3.3300000000000001 |                          |   |   |
| <i>Number of Features:</i>                                                                                                                                                                                                         | 1                  |                          |   |   |
| <i>Special Qualifying Species:</i>                                                                                                                                                                                                 | 0                  |                          |   |   |
| <i>Threshold Altering Factors:</i>                                                                                                                                                                                                 | 0                  |                          |   |   |

| Hedge Number:                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  | 286                                                                                      |                          |   |   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------|--------------------------|---|---|
| STATUS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  | Important                                                                                |                          |   |   |
| SCHEDULE 3 WOODY SPECIES                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  | In whole hedge                                                                           | In 30 m sample stretches |   |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                                                                                          | XPt                      | 2 | 3 |
| Acer campestre (Field Maple)                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | ✓                                                                                        | ✓(20%)                   | - | - |
| Crataegus monogyna (Hawthorn)                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  | ✓                                                                                        | ✓(20%)                   | - | - |
| Prunus spinosa (Blackthorn)                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  | ✓                                                                                        | ✓(10%)                   | - | - |
| Quercus robur (Pedunculate Oak)                                                                                                                                                                                                                                                                                                                                                                                                                                               |  | ✓                                                                                        | ✓(10%)                   | - | - |
| Rosa canina (Dog-rose)                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | ✓                                                                                        | ✓(30%)                   | - | - |
| Sambucus nigra (Elder)                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | ✓                                                                                        | ✓(10%)                   | - | - |
| Total - Schedule 3 species:                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  | 6                                                                                        | 6                        | 0 | 0 |
| OTHER WOODY SPECIES                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                                                                                          |                          |   |   |
| None                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  | -                                                                                        | -                        | - | - |
| Total - All Woody Species:                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | 6                                                                                        | 6                        | 0 | 0 |
| FEATURES                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                                                                          |                          |   |   |
| Supporting bank or wall:                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  | -                                                                                        |                          |   |   |
| Less than 10% gaps:                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | ✓                                                                                        |                          |   |   |
| Standard trees:                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  | ✓                                                                                        |                          |   |   |
| Ditch for >50% of hedgerow length:                                                                                                                                                                                                                                                                                                                                                                                                                                            |  | ✓                                                                                        |                          |   |   |
| Parallel hedge within 15m:                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | -                                                                                        |                          |   |   |
| Four or more connection points:                                                                                                                                                                                                                                                                                                                                                                                                                                               |  | ✓(4)                                                                                     |                          |   |   |
| Connections:                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | 4 hedge(s), 0 ponds(s) and 0 wood(s) = (4) points                                        |                          |   |   |
| Three or more Schedule 2 species:                                                                                                                                                                                                                                                                                                                                                                                                                                             |  | ✓(4)                                                                                     |                          |   |   |
| Schedule 2 Species:                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | Arum maculatum, Brachypodium sylvaticum, Hyacinthoides non-scripta, Mercurialis perennis |                          |   |   |
| PHASE 1 DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                                                                                          |                          |   |   |
| An overgrown hedge about 5 m high and wide comprising a mixture of Acer campestre (Field Maple), Crataegus monogyna (Hawthorn), Prunus spinosa (Blackthorn), Rosa canina (Dog-rose) and Sambucus nigra (Elder) with occasional Quercus robur (Pedunculate Oak) trees. It is scrubby at the base with occasional woodland herbs in the field-layer including Arum maculatum (Lords-and-Ladies), Hyacinthoides non-scripta (Bluebell) and Mercurialis perennis (Dog’s Mercury). |  |                                                                                          |                          |   |   |
| CONCLUSION                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                                                          |                          |   |   |
| Average Number of Schedule 3 Species per 30m Stretch:                                                                                                                                                                                                                                                                                                                                                                                                                         |  | 6                                                                                        |                          |   |   |
| Number of Features:                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | 5                                                                                        |                          |   |   |
| Special Qualifying Species:                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  | 0                                                                                        |                          |   |   |
| Threshold Altering Factors:                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  | 0                                                                                        |                          |   |   |

| Hedge Number:                                                                                                                           | 286a              |                             |   |   |
|-----------------------------------------------------------------------------------------------------------------------------------------|-------------------|-----------------------------|---|---|
| STATUS:                                                                                                                                 | Not Important     |                             |   |   |
| SCHEDULE 3 WOODY SPECIES                                                                                                                | In whole<br>hedge | In 30 m sample<br>stretches |   |   |
|                                                                                                                                         |                   | XPt                         | 2 | 3 |
| <i>Crataegus monogyna</i> (Hawthorn)                                                                                                    | ✓                 | ✓(15%)                      | - | - |
| <i>Prunus spinosa</i> (Blackthorn)                                                                                                      | ✓                 | ✓(80%)                      | - | - |
| <i>Quercus robur</i> (Pedunculate Oak)                                                                                                  | ✓                 | ✓(4%)                       | - | - |
| <i>Rosa</i> species (a Rose)                                                                                                            | ✓                 | -                           | - | - |
| <i>Total - Schedule 3 species:</i>                                                                                                      | 4                 | 3                           | 0 | 0 |
| OTHER WOODY SPECIES                                                                                                                     |                   |                             |   |   |
| None                                                                                                                                    | -                 | -                           | - | - |
| <i>Total - All Woody Species:</i>                                                                                                       | 4                 | 3                           | 0 | 0 |
| FEATURES                                                                                                                                |                   |                             |   |   |
| <i>Supporting bank or wall:</i>                                                                                                         | -                 |                             |   |   |
| <i>Less than 10% gaps:</i>                                                                                                              | -                 |                             |   |   |
| <i>Standard trees:</i>                                                                                                                  | -                 |                             |   |   |
| <i>Ditch for &gt;50% of hedgerow length:</i>                                                                                            | -                 |                             |   |   |
| <i>Parallel hedge within 15m:</i>                                                                                                       | -                 |                             |   |   |
| <i>Four or more connection points:</i>                                                                                                  | ✓(4)              |                             |   |   |
| <i>Connections:</i> 2 hedge(s), 0 ponds(s) and 1 wood(s) =                                                                              | (4) points        |                             |   |   |
| <i>Three or more Schedule 2 species:</i>                                                                                                | -(0)              |                             |   |   |
| <i>Schedule 2 Species:</i> None                                                                                                         |                   |                             |   |   |
| PHASE 1 DESCRIPTION                                                                                                                     |                   |                             |   |   |
| A gappy, leggy, species-poor field hedge comprising mostly <i>Crataegus monogyna</i> (Hawthorn) and <i>Prunus spinosa</i> (Blackthorn). |                   |                             |   |   |
| CONCLUSION                                                                                                                              |                   |                             |   |   |
| <i>Average Number of Schedule 3 Species per 30m Stretch:</i>                                                                            | 3                 |                             |   |   |
| <i>Number of Features:</i>                                                                                                              | 1                 |                             |   |   |
| <i>Special Qualifying Species:</i>                                                                                                      | 0                 |                             |   |   |
| <i>Threshold Altering Factors:</i>                                                                                                      | 0                 |                             |   |   |

| Hedge Number:                                                                                                                                                                             |  | 287                                                                |                             |   |   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------|-----------------------------|---|---|
| STATUS:                                                                                                                                                                                   |  | Important                                                          |                             |   |   |
| SCHEDULE 3 WOODY SPECIES                                                                                                                                                                  |  | In whole<br>hedge                                                  | In 30 m sample<br>stretches |   |   |
|                                                                                                                                                                                           |  |                                                                    | XPt                         | 2 | 3 |
| Acer campestre (Field Maple)                                                                                                                                                              |  | ✓                                                                  | -                           | ✓ | - |
| Crataegus monogyna (Hawthorn)                                                                                                                                                             |  | ✓                                                                  | ✓(10%)                      | ✓ | - |
| Prunus spinosa (Blackthorn)                                                                                                                                                               |  | ✓                                                                  | ✓(60%)                      | ✓ | - |
| Quercus robur (Pedunculate Oak)                                                                                                                                                           |  | ✓                                                                  | -                           | ✓ | - |
| Rosa canina (Dog-rose)                                                                                                                                                                    |  | ✓                                                                  | ✓(20%)                      | - | - |
| Sambucus nigra (Elder)                                                                                                                                                                    |  | ✓                                                                  | ✓(10%)                      | - | - |
| Total - Schedule 3 species:                                                                                                                                                               |  | 6                                                                  | 4                           | 4 | 0 |
| OTHER WOODY SPECIES                                                                                                                                                                       |  |                                                                    |                             |   |   |
| None                                                                                                                                                                                      |  | -                                                                  | -                           | - | - |
| Total - All Woody Species:                                                                                                                                                                |  | 6                                                                  | 4                           | 4 | 0 |
| FEATURES                                                                                                                                                                                  |  |                                                                    |                             |   |   |
| Supporting bank or wall:                                                                                                                                                                  |  | -                                                                  |                             |   |   |
| Less than 10% gaps:                                                                                                                                                                       |  | ✓                                                                  |                             |   |   |
| Standard trees:                                                                                                                                                                           |  | ✓                                                                  |                             |   |   |
| Ditch for >50% of hedgerow length:                                                                                                                                                        |  | ✓                                                                  |                             |   |   |
| Parallel hedge within 15m:                                                                                                                                                                |  | -                                                                  |                             |   |   |
| Four or more connection points:                                                                                                                                                           |  | ✓(4)                                                               |                             |   |   |
| Connections:                                                                                                                                                                              |  | 4 hedge(s), 0 ponds(s) and 0 wood(s) = (4) points                  |                             |   |   |
| Three or more Schedule 2 species:                                                                                                                                                         |  | ✓(3)                                                               |                             |   |   |
| Schedule 2 Species:                                                                                                                                                                       |  | Arum maculatum, Brachypodium sylvaticum, Hyacinthoides non-scripta |                             |   |   |
| PHASE 1 DESCRIPTION                                                                                                                                                                       |  |                                                                    |                             |   |   |
| A dense, overgrown hedge dominated by Crataegus monogyna (Hawthorn), Prunus spinosa (Blackthorn) and Rosa canina (Dog-rose) with Acer campestre (Field Maple) and Sambucus nigra (Elder). |  |                                                                    |                             |   |   |
| CONCLUSION                                                                                                                                                                                |  |                                                                    |                             |   |   |
| Average Number of Schedule 3 Species per 30m Stretch:                                                                                                                                     |  | 4                                                                  |                             |   |   |
| Number of Features:                                                                                                                                                                       |  | 5                                                                  |                             |   |   |
| Special Qualifying Species:                                                                                                                                                               |  | 0                                                                  |                             |   |   |
| Threshold Altering Factors:                                                                                                                                                               |  | 1                                                                  |                             |   |   |

| Hedge Number:                                                                                                                                                                                                                                                                                                                                                                                                                               |  | 288                                                                                                        |                          |   |   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------|--------------------------|---|---|
| STATUS:                                                                                                                                                                                                                                                                                                                                                                                                                                     |  | Important                                                                                                  |                          |   |   |
| SCHEDULE 3 WOODY SPECIES                                                                                                                                                                                                                                                                                                                                                                                                                    |  | In whole hedge                                                                                             | In 30 m sample stretches |   |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |                                                                                                            | XPt                      | 2 | 3 |
| <i>Acer campestre</i> (Field Maple)                                                                                                                                                                                                                                                                                                                                                                                                         |  | ✓                                                                                                          | ✓(1%)                    | ✓ | - |
| <i>Crataegus monogyna</i> (Hawthorn)                                                                                                                                                                                                                                                                                                                                                                                                        |  | ✓                                                                                                          | ✓(35%)                   | ✓ | - |
| <i>Ligustrum vulgare</i> (Wild Privet)                                                                                                                                                                                                                                                                                                                                                                                                      |  | ✓                                                                                                          | ✓(1%)                    | - | - |
| <i>Malus sylvestris</i> (Crab Apple)                                                                                                                                                                                                                                                                                                                                                                                                        |  | ✓                                                                                                          | -                        | ✓ | - |
| <i>Prunus spinosa</i> (Blackthorn)                                                                                                                                                                                                                                                                                                                                                                                                          |  | ✓                                                                                                          | ✓(50%)                   | ✓ | - |
| <i>Quercus robur</i> (Pedunculate Oak)                                                                                                                                                                                                                                                                                                                                                                                                      |  | ✓                                                                                                          | ✓(10%)                   | ✓ | - |
| <i>Rosa canina</i> (Dog-rose)                                                                                                                                                                                                                                                                                                                                                                                                               |  | ✓                                                                                                          | ✓(3%)                    | ✓ | - |
| Total - Schedule 3 species:                                                                                                                                                                                                                                                                                                                                                                                                                 |  | 7                                                                                                          | 6                        | 6 | 0 |
| OTHER WOODY SPECIES                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                                                                                                            |                          |   |   |
| None                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | -                                                                                                          | -                        | - | - |
| Total - All Woody Species:                                                                                                                                                                                                                                                                                                                                                                                                                  |  | 7                                                                                                          | 6                        | 6 | 0 |
| FEATURES                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                                                                            |                          |   |   |
| Supporting bank or wall:                                                                                                                                                                                                                                                                                                                                                                                                                    |  | ✓                                                                                                          |                          |   |   |
| Less than 10% gaps:                                                                                                                                                                                                                                                                                                                                                                                                                         |  | ✓                                                                                                          |                          |   |   |
| Standard trees:                                                                                                                                                                                                                                                                                                                                                                                                                             |  | ✓                                                                                                          |                          |   |   |
| Ditch for >50% of hedgerow length:                                                                                                                                                                                                                                                                                                                                                                                                          |  | ✓                                                                                                          |                          |   |   |
| Parallel hedge within 15m:                                                                                                                                                                                                                                                                                                                                                                                                                  |  | -                                                                                                          |                          |   |   |
| Four or more connection points:                                                                                                                                                                                                                                                                                                                                                                                                             |  | ✓(4)                                                                                                       |                          |   |   |
| Connections:                                                                                                                                                                                                                                                                                                                                                                                                                                |  | 4 hedge(s), 0 ponds(s) and 0 wood(s) = (4) points                                                          |                          |   |   |
| Three or more Schedule 2 species:                                                                                                                                                                                                                                                                                                                                                                                                           |  | ✓(5)                                                                                                       |                          |   |   |
| Schedule 2 Species:                                                                                                                                                                                                                                                                                                                                                                                                                         |  | Arum maculatum, Brachypodium sylvaticum, Hyacinthoides non-scripta, Mercurialis perennis, Primula vulgaris |                          |   |   |
| PHASE 1 DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                                                                                                            |                          |   |   |
| A wide, unmanaged hedge comprising abundant mature <i>Quercus robur</i> (Pedunculate Oak) standards together with overgrown shrubs and dense outgrowths of suckering <i>Prunus spinosa</i> (Blackthorn) and trailing <i>Rubus fruticosus</i> agg. (Bramble). Where the field-layer is not too scrubby, there are patches of the woodland herbs <i>Hyacinthoides non-scripta</i> (Bluebell) and <i>Mercurialis perennis</i> (Dog's Mercury). |  |                                                                                                            |                          |   |   |
| CONCLUSION                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                                                                                                            |                          |   |   |
| Average Number of Schedule 3 Species per 30m Stretch:                                                                                                                                                                                                                                                                                                                                                                                       |  | 6                                                                                                          |                          |   |   |
| Number of Features:                                                                                                                                                                                                                                                                                                                                                                                                                         |  | 6                                                                                                          |                          |   |   |
| Special Qualifying Species:                                                                                                                                                                                                                                                                                                                                                                                                                 |  | 0                                                                                                          |                          |   |   |
| Threshold Altering Factors:                                                                                                                                                                                                                                                                                                                                                                                                                 |  | 0                                                                                                          |                          |   |   |

| Hedge Number: 289                                                                                                                                                                                                                                               |  | Important      |                          |          |          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------|--------------------------|----------|----------|
| STATUS:                                                                                                                                                                                                                                                         |  | Important      |                          |          |          |
| SCHEDULE 3 WOODY SPECIES                                                                                                                                                                                                                                        |  | In whole hedge | In 30 m sample stretches | XPt      | 2 3      |
| <i>Acer campestre</i> (Field Maple)                                                                                                                                                                                                                             |  | ✓              | ✓ (20%)                  | -        | -        |
| <i>Crataegus monogyna</i> (Hawthorn)                                                                                                                                                                                                                            |  | ✓              | ✓ (65%)                  | -        | -        |
| <i>Ligustrum vulgare</i> (Wild Privet)                                                                                                                                                                                                                          |  | ✓              | -                        | -        | -        |
| <i>Prunus spinosa</i> (Blackthorn)                                                                                                                                                                                                                              |  | ✓              | ✓ (10%)                  | -        | -        |
| <i>Rosa canina</i> (Dog-rose)                                                                                                                                                                                                                                   |  | ✓              | ✓ (4%)                   | -        | -        |
| <i>Sambucus nigra</i> (Elder)                                                                                                                                                                                                                                   |  | ✓              | ✓ (1%)                   | -        | -        |
| <b>Total - Schedule 3 species:</b>                                                                                                                                                                                                                              |  | <b>6</b>       | <b>5</b>                 | <b>0</b> | <b>0</b> |
| OTHER WOODY SPECIES                                                                                                                                                                                                                                             |  |                |                          |          |          |
| None                                                                                                                                                                                                                                                            |  | -              | -                        | -        | -        |
| <b>Total - All Woody Species:</b>                                                                                                                                                                                                                               |  | <b>6</b>       | <b>5</b>                 | <b>0</b> | <b>0</b> |
| FEATURES                                                                                                                                                                                                                                                        |  |                |                          |          |          |
| <b>Supporting bank or wall:</b>                                                                                                                                                                                                                                 |  | -              |                          |          |          |
| <b>Less than 10% gaps:</b>                                                                                                                                                                                                                                      |  | ✓              |                          |          |          |
| <b>Standard trees:</b>                                                                                                                                                                                                                                          |  | -              |                          |          |          |
| <b>Ditch for &gt;50% of hedgerow length:</b>                                                                                                                                                                                                                    |  | ✓              |                          |          |          |
| <b>Parallel hedge within 15m:</b>                                                                                                                                                                                                                               |  | -              |                          |          |          |
| <b>Four or more connection points:</b>                                                                                                                                                                                                                          |  | ✓ (4)          |                          |          |          |
| Connections: 4 hedge(s), 0 ponds(s) and 0 wood(s) = (4) points                                                                                                                                                                                                  |  |                |                          |          |          |
| <b>Three or more Schedule 2 species:</b>                                                                                                                                                                                                                        |  | ✓ (3)          |                          |          |          |
| Schedule 2 Species: <i>Brachypodium sylvaticum</i> , <i>Hyacinthoides non-scripta</i> , <i>Mercurialis perennis</i>                                                                                                                                             |  |                |                          |          |          |
| PHASE 1 DESCRIPTION                                                                                                                                                                                                                                             |  |                |                          |          |          |
| A slightly leggy hedge about 4-6 m high and wide dominated by <i>Crataegus monogyna</i> (Hawthorn) and <i>Prunus spinosa</i> (Blackthorn) with <i>Acer campestre</i> (Field Maple). <i>Hyacinthoides non-scripta</i> (Bluebell) is abundant in the field-layer. |  |                |                          |          |          |
| CONCLUSION                                                                                                                                                                                                                                                      |  |                |                          |          |          |
| <b>Average Number of Schedule 3 Species per 30m Stretch:</b>                                                                                                                                                                                                    |  | 5              |                          |          |          |
| <b>Number of Features:</b>                                                                                                                                                                                                                                      |  | 4              |                          |          |          |
| <b>Special Qualifying Species:</b>                                                                                                                                                                                                                              |  | 0              |                          |          |          |
| <b>Threshold Altering Factors:</b>                                                                                                                                                                                                                              |  | 1              |                          |          |          |

| Hedge Number:                                                                                                                                                                                                                                                                                                                                                                                                                                               | 290                |                          |   |   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|--------------------------|---|---|
| STATUS:                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Not Important      |                          |   |   |
| SCHEDULE 3 WOODY SPECIES                                                                                                                                                                                                                                                                                                                                                                                                                                    | In whole hedge     | In 30 m sample stretches |   |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                    | XPt                      | 2 | 3 |
| <i>Acer campestre</i> (Field Maple)                                                                                                                                                                                                                                                                                                                                                                                                                         | ✓                  | ✓(10%)                   | ✓ | - |
| <i>Crataegus laevigata</i> (Midland Hawthorn)                                                                                                                                                                                                                                                                                                                                                                                                               | ✓                  | -                        | ✓ | - |
| <i>Crataegus monogyna</i> (Hawthorn)                                                                                                                                                                                                                                                                                                                                                                                                                        | ✓                  | ✓(20%)                   | ✓ | ✓ |
| <i>Fraxinus excelsior</i> (Ash)                                                                                                                                                                                                                                                                                                                                                                                                                             | ✓                  | -                        | - | - |
| <i>Ilex aquifolium</i> (Holly)                                                                                                                                                                                                                                                                                                                                                                                                                              | ✓                  | -                        | - | - |
| <i>Ligustrum vulgare</i> (Wild Privet)                                                                                                                                                                                                                                                                                                                                                                                                                      | ✓                  | ✓(5%)                    | - | - |
| <i>Malus sylvestris</i> (Crab Apple)                                                                                                                                                                                                                                                                                                                                                                                                                        | ✓                  | ✓(5%)                    | - | - |
| <i>Prunus spinosa</i> (Blackthorn)                                                                                                                                                                                                                                                                                                                                                                                                                          | ✓                  | ✓(50%)                   | ✓ | ✓ |
| <i>Quercus robur</i> (Pedunculate Oak)                                                                                                                                                                                                                                                                                                                                                                                                                      | ✓                  | -                        | - | - |
| <i>Rosa canina</i> (Dog-rose)                                                                                                                                                                                                                                                                                                                                                                                                                               | ✓                  | ✓(10%)                   | - | ✓ |
| <i>Sambucus nigra</i> (Elder)                                                                                                                                                                                                                                                                                                                                                                                                                               | ✓                  | -                        | - | - |
| Total - Schedule 3 species:                                                                                                                                                                                                                                                                                                                                                                                                                                 | 11                 | 6                        | 4 | 3 |
| OTHER WOODY SPECIES                                                                                                                                                                                                                                                                                                                                                                                                                                         |                    |                          |   |   |
| None                                                                                                                                                                                                                                                                                                                                                                                                                                                        | -                  | -                        | - | - |
| Total - All Woody Species:                                                                                                                                                                                                                                                                                                                                                                                                                                  | 11                 | 6                        | 4 | 3 |
| FEATURES                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                    |                          |   |   |
| Supporting bank or wall:                                                                                                                                                                                                                                                                                                                                                                                                                                    | ✓                  |                          |   |   |
| Less than 10% gaps:                                                                                                                                                                                                                                                                                                                                                                                                                                         | -                  |                          |   |   |
| Standard trees:                                                                                                                                                                                                                                                                                                                                                                                                                                             | -                  |                          |   |   |
| Ditch for >50% of hedgerow length:                                                                                                                                                                                                                                                                                                                                                                                                                          | ✓                  |                          |   |   |
| Parallel hedge within 15m:                                                                                                                                                                                                                                                                                                                                                                                                                                  | -                  |                          |   |   |
| Four or more connection points:                                                                                                                                                                                                                                                                                                                                                                                                                             | ✓(4)               |                          |   |   |
| Connections: 4 hedge(s), 0 ponds(s) and 0 wood(s) = (4) points                                                                                                                                                                                                                                                                                                                                                                                              |                    |                          |   |   |
| Three or more Schedule 2 species:                                                                                                                                                                                                                                                                                                                                                                                                                           | ✓(3)               |                          |   |   |
| Schedule 2 Species: <i>Brachypodium sylvaticum</i> , <i>Geranium robertianum</i> , <i>Mercurialis perennis</i>                                                                                                                                                                                                                                                                                                                                              |                    |                          |   |   |
| PHASE 1 DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                         |                    |                          |   |   |
| A 1.5 m high field hedge on a half bank comprising a mixture of <i>Crataegus monogyna</i> (Hawthorn) and <i>Prunus spinosa</i> (Blackthorn) with other shrubs including <i>Acer campestre</i> (Field Maple), <i>Ligustrum vulgare</i> (Wild Privet), <i>Malus sylvestris</i> (Crab Apple) and <i>Rosa canina</i> (Dog-rose). The field-layer and an adjacent dry ditch are species-poor with abundant <i>Urtica dioica</i> (Common Nettle) along the ditch. |                    |                          |   |   |
| CONCLUSION                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                    |                          |   |   |
| Average Number of Schedule 3 Species per 30m Stretch:                                                                                                                                                                                                                                                                                                                                                                                                       | 4.3300000000000001 |                          |   |   |
| Number of Features:                                                                                                                                                                                                                                                                                                                                                                                                                                         | 4                  |                          |   |   |
| Special Qualifying Species:                                                                                                                                                                                                                                                                                                                                                                                                                                 | 0                  |                          |   |   |
| Threshold Altering Factors:                                                                                                                                                                                                                                                                                                                                                                                                                                 | 0                  |                          |   |   |

| Hedge Number:                                         |  | 291                                                                                                                          |                          |   |   |
|-------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------|--------------------------|---|---|
| STATUS:                                               |  | Important                                                                                                                    |                          |   |   |
| SCHEDULE 3 WOODY SPECIES                              |  | In whole hedge                                                                                                               | In 30 m sample stretches |   |   |
|                                                       |  |                                                                                                                              | XPt                      | 2 | 3 |
| Acer campestre (Field Maple)                          |  | ✓                                                                                                                            | -                        | ✓ | - |
| Crataegus monogyna (Hawthorn)                         |  | ✓                                                                                                                            | ✓ (50%)                  | ✓ | - |
| Ilex aquifolium (Holly)                               |  | ✓                                                                                                                            | ✓ (5%)                   | - | - |
| Ligustrum vulgare (Wild Privet)                       |  | ✓                                                                                                                            | -                        | - | - |
| Prunus spinosa (Blackthorn)                           |  | ✓                                                                                                                            | ✓ (10%)                  | ✓ | - |
| Quercus robur (Pedunculate Oak)                       |  | ✓                                                                                                                            | ✓ (20%)                  | ✓ | - |
| Rosa canina (Dog-rose)                                |  | ✓                                                                                                                            | ✓ (15%)                  | ✓ | - |
| Salix cinerea (Grey Willow)                           |  | ✓                                                                                                                            | -                        | - | - |
| Total - Schedule 3 species:                           |  | 8                                                                                                                            | 5                        | 5 | 0 |
| OTHER WOODY SPECIES                                   |  |                                                                                                                              |                          |   |   |
| None                                                  |  | -                                                                                                                            | -                        | - | - |
| Total - All Woody Species:                            |  | 8                                                                                                                            | 5                        | 5 | 0 |
| FEATURES                                              |  |                                                                                                                              |                          |   |   |
| Supporting bank or wall:                              |  | -                                                                                                                            |                          |   |   |
| Less than 10% gaps:                                   |  | ✓                                                                                                                            |                          |   |   |
| Standard trees:                                       |  | ✓                                                                                                                            |                          |   |   |
| Ditch for >50% of hedgerow length:                    |  | ✓                                                                                                                            |                          |   |   |
| Parallel hedge within 15m:                            |  | -                                                                                                                            |                          |   |   |
| Four or more connection points:                       |  | ✓ (4)                                                                                                                        |                          |   |   |
| Connections:                                          |  | 4 hedge(s), 0 ponds(s) and 0 wood(s) = (4) points                                                                            |                          |   |   |
| Three or more Schedule 2 species:                     |  | ✓ (6)                                                                                                                        |                          |   |   |
| Schedule 2 Species:                                   |  | Arum maculatum, Brachypodium sylvaticum, Geranium robertianum, Geum urbanum, Hyacinthoides non-scripta, Mercurialis perennis |                          |   |   |
| PHASE 1 DESCRIPTION                                   |  |                                                                                                                              |                          |   |   |
| A hedge similar to Target Note 294.                   |  |                                                                                                                              |                          |   |   |
| CONCLUSION                                            |  |                                                                                                                              |                          |   |   |
| Average Number of Schedule 3 Species per 30m Stretch: |  | 5                                                                                                                            |                          |   |   |
| Number of Features:                                   |  | 5                                                                                                                            |                          |   |   |
| Special Qualifying Species:                           |  | 0                                                                                                                            |                          |   |   |
| Threshold Altering Factors:                           |  | 1                                                                                                                            |                          |   |   |

| <b>Hedge Number:</b>                                                                                                                                       |  | <b>292</b>        |                                    |          |          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------|------------------------------------|----------|----------|
| <b>STATUS:</b>                                                                                                                                             |  | <b>Important</b>  |                                    |          |          |
| <b>SCHEDULE 3 WOODY SPECIES</b>                                                                                                                            |  | In whole<br>hedge | In 30 m sample<br>stretches<br>XPt | <b>2</b> | <b>3</b> |
| <i>Crataegus laevigata</i> (Midland Hawthorn)                                                                                                              |  | ✓                 | ✓(5%)                              | -        | -        |
| <i>Crataegus monogyna</i> (Hawthorn)                                                                                                                       |  | ✓                 | ✓(60%)                             | -        | -        |
| <i>Ilex aquifolium</i> (Holly)                                                                                                                             |  | ✓                 | -                                  | -        | -        |
| <i>Prunus spinosa</i> (Blackthorn)                                                                                                                         |  | ✓                 | -                                  | -        | -        |
| <i>Quercus robur</i> (Pedunculate Oak)                                                                                                                     |  | ✓                 | ✓(20%)                             | -        | -        |
| <i>Rosa canina</i> (Dog-rose)                                                                                                                              |  | ✓                 | ✓(15%)                             | -        | -        |
| <b>Total - Schedule 3 species:</b>                                                                                                                         |  | <b>6</b>          | <b>4</b>                           | <b>0</b> | <b>0</b> |
| <b>OTHER WOODY SPECIES</b>                                                                                                                                 |  |                   |                                    |          |          |
| None                                                                                                                                                       |  | -                 | -                                  | -        | -        |
| <b>Total - All Woody Species:</b>                                                                                                                          |  | <b>6</b>          | <b>4</b>                           | <b>0</b> | <b>0</b> |
| <b>FEATURES</b>                                                                                                                                            |  |                   |                                    |          |          |
| <b>Supporting bank or wall:</b>                                                                                                                            |  | -                 |                                    |          |          |
| <b>Less than 10% gaps:</b>                                                                                                                                 |  | ✓                 |                                    |          |          |
| <b>Standard trees:</b>                                                                                                                                     |  | ✓                 |                                    |          |          |
| <b>Ditch for &gt;50% of hedgerow length:</b>                                                                                                               |  | ✓                 |                                    |          |          |
| <b>Parallel hedge within 15m:</b>                                                                                                                          |  | -                 |                                    |          |          |
| <b>Four or more connection points:</b>                                                                                                                     |  | ✓(4)              |                                    |          |          |
| Connections: 4 hedge(s), 0 ponds(s) and 0 wood(s) = (4) points                                                                                             |  |                   |                                    |          |          |
| <b>Three or more Schedule 2 species:</b>                                                                                                                   |  | ✓(5)              |                                    |          |          |
| Schedule 2 Species: <i>Arum maculatum</i> , <i>Brachypodium sylvaticum</i> , <i>Geranium robertianum</i> ,<br><i>Geum urbanum</i> , <i>Viola riviniana</i> |  |                   |                                    |          |          |
| <b>PHASE 1 DESCRIPTION</b>                                                                                                                                 |  |                   |                                    |          |          |
| A hedge similar to <i>Target Note 294</i> .                                                                                                                |  |                   |                                    |          |          |
| <b>CONCLUSION</b>                                                                                                                                          |  |                   |                                    |          |          |
| <b>Average Number of Schedule 3 Species per 30m Stretch:</b>                                                                                               |  | 4                 |                                    |          |          |
| <b>Number of Features:</b>                                                                                                                                 |  | 5                 |                                    |          |          |
| <b>Special Qualifying Species:</b>                                                                                                                         |  | 0                 |                                    |          |          |
| <b>Threshold Altering Factors:</b>                                                                                                                         |  | 1                 |                                    |          |          |

| <b>Hedge Number:</b>                                                                                                                                                             |  | <b>293</b>           |                             |          |          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------|-----------------------------|----------|----------|
| <b>STATUS:</b>                                                                                                                                                                   |  | <b>Not Important</b> |                             |          |          |
| <b>SCHEDULE 3 WOODY SPECIES</b>                                                                                                                                                  |  | In whole<br>hedge    | In 30 m sample<br>stretches |          |          |
|                                                                                                                                                                                  |  |                      | <b>XPt</b>                  | <b>2</b> | <b>3</b> |
| <i>Crataegus monogyna</i> (Hawthorn)                                                                                                                                             |  | ✓                    | ✓(85%)                      | ✓        | -        |
| <i>Prunus spinosa</i> (Blackthorn)                                                                                                                                               |  | ✓                    | ✓(4%)                       | ✓        | -        |
| <i>Quercus robur</i> (Pedunculate Oak)                                                                                                                                           |  | ✓                    | ✓(1%)                       | -        | -        |
| <i>Rosa canina</i> (Dog-rose)                                                                                                                                                    |  | ✓                    | ✓(10%)                      | ✓        | -        |
| <i>Sambucus nigra</i> (Elder)                                                                                                                                                    |  | ✓                    | -                           | -        | -        |
| <b>Total - Schedule 3 species:</b>                                                                                                                                               |  | <b>5</b>             | <b>4</b>                    | <b>3</b> | <b>0</b> |
| <b>OTHER WOODY SPECIES</b>                                                                                                                                                       |  |                      |                             |          |          |
| None                                                                                                                                                                             |  | -                    | -                           | -        | -        |
| <b>Total - All Woody Species:</b>                                                                                                                                                |  | <b>5</b>             | <b>4</b>                    | <b>3</b> | <b>0</b> |
| <b>FEATURES</b>                                                                                                                                                                  |  |                      |                             |          |          |
| <b>Supporting bank or wall:</b>                                                                                                                                                  |  | ✓                    |                             |          |          |
| <b>Less than 10% gaps:</b>                                                                                                                                                       |  | ✓                    |                             |          |          |
| <b>Standard trees:</b>                                                                                                                                                           |  | -                    |                             |          |          |
| <b>Ditch for &gt;50% of hedgerow length:</b>                                                                                                                                     |  | -                    |                             |          |          |
| <b>Parallel hedge within 15m:</b>                                                                                                                                                |  | -                    |                             |          |          |
| <b>Four or more connection points:</b>                                                                                                                                           |  | ✓(4)                 |                             |          |          |
| Connections: 4 hedge(s), 0 ponds(s) and 0 wood(s) = (4) points                                                                                                                   |  |                      |                             |          |          |
| <b>Three or more Schedule 2 species:</b>                                                                                                                                         |  | -(1)                 |                             |          |          |
| Schedule 2 Species: <b><i>Arum maculatum</i></b>                                                                                                                                 |  |                      |                             |          |          |
| <b>PHASE 1 DESCRIPTION</b>                                                                                                                                                       |  |                      |                             |          |          |
| A species-poor hedge about 2 m high dominated by <i>Crataegus monogyna</i> (Hawthorn) with some additional <i>Prunus spinosa</i> (Blackthorn) and <i>Rosa canina</i> (Dog-rose). |  |                      |                             |          |          |
| <b>CONCLUSION</b>                                                                                                                                                                |  |                      |                             |          |          |
| <b>Average Number of Schedule 3 Species per 30m Stretch:</b>                                                                                                                     |  | 3.5                  |                             |          |          |
| <b>Number of Features:</b>                                                                                                                                                       |  | 3                    |                             |          |          |
| <b>Special Qualifying Species:</b>                                                                                                                                               |  | 0                    |                             |          |          |
| <b>Threshold Altering Factors:</b>                                                                                                                                               |  | 0                    |                             |          |          |

| Hedge Number:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  | 294                                                                                                    |                          |   |   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------|--------------------------|---|---|
| STATUS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  | Important                                                                                              |                          |   |   |
| SCHEDULE 3 WOODY SPECIES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | In whole hedge                                                                                         | In 30 m sample stretches |   |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                                                                                                        | XPt                      | 2 | 3 |
| <i>Crataegus monogyna</i> (Hawthorn)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  | ✓                                                                                                      | ✓(30%)                   | ✓ | - |
| <i>Prunus spinosa</i> (Blackthorn)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | ✓                                                                                                      | ✓(30%)                   | ✓ | - |
| <i>Quercus robur</i> (Pedunculate Oak)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | ✓                                                                                                      | ✓(30%)                   | ✓ | - |
| <i>Rosa canina</i> (Dog-rose)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  | ✓                                                                                                      | ✓(10%)                   | ✓ | - |
| <i>Sambucus nigra</i> (Elder)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  | ✓                                                                                                      | -                        | - | - |
| <i>Ulmus procera</i> (English Elm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | ✓                                                                                                      | -                        | - | - |
| Total - Schedule 3 species:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  | 6                                                                                                      | 4                        | 4 | 0 |
| OTHER WOODY SPECIES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |                                                                                                        |                          |   |   |
| <i>Malus domestica</i> (Apple)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  | ✓                                                                                                      | -                        | - | - |
| Total - All Woody Species:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | 7                                                                                                      | 4                        | 4 | 0 |
| FEATURES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                                                                                                        |                          |   |   |
| Supporting bank or wall:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | -                                                                                                      |                          |   |   |
| Less than 10% gaps:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  | ✓                                                                                                      |                          |   |   |
| Standard trees:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | ✓                                                                                                      |                          |   |   |
| Ditch for >50% of hedgerow length:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | ✓                                                                                                      |                          |   |   |
| Parallel hedge within 15m:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | -                                                                                                      |                          |   |   |
| Four or more connection points:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | -(3)                                                                                                   |                          |   |   |
| Connections:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  | 3 hedge(s), 0 ponds(s) and 0 wood(s) = (3) points                                                      |                          |   |   |
| Three or more Schedule 2 species:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | ✓(5)                                                                                                   |                          |   |   |
| Schedule 2 Species:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  | Arum maculatum, Brachypodium sylvaticum, Geranium robertianum, Geum urbanum, Hyacinthoides non-scripta |                          |   |   |
| PHASE 1 DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |                                                                                                        |                          |   |   |
| A tall, overgrown hedge with an adjacent dry ditch. It is dominated by mature <i>Quercus robur</i> (Pedunculate Oak) standards over a dense shrub-layer of <i>Crataegus monogyna</i> (Hawthorn) and <i>Prunus spinosa</i> (Blackthorn) with frequent <i>Rosa canina</i> (Dog-rose). The field-layer contains abundant <i>Hedera helix</i> (Ivy) with shade-tolerant herbs such as <i>Arum maculatum</i> (Lords-and-Ladies), <i>Brachypodium sylvaticum</i> (False Brome) and <i>Hyacinthoides non-scripta</i> (Bluebell). |  |                                                                                                        |                          |   |   |
| CONCLUSION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                                                                                                        |                          |   |   |
| Average Number of Schedule 3 Species per 30m Stretch:                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  | 4                                                                                                      |                          |   |   |
| Number of Features:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  | 4                                                                                                      |                          |   |   |
| Special Qualifying Species:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  | 0                                                                                                      |                          |   |   |
| Threshold Altering Factors:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  | 1                                                                                                      |                          |   |   |

| <b>Hedge Number:</b>                                                                                                                                                                                                                                                                                                                                                                                                    |  | <b>295</b>        |                             |          |          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------|-----------------------------|----------|----------|
| <b>STATUS:</b>                                                                                                                                                                                                                                                                                                                                                                                                          |  | <b>Important</b>  |                             |          |          |
| <b>SCHEDULE 3 WOODY SPECIES</b>                                                                                                                                                                                                                                                                                                                                                                                         |  | In whole<br>hedge | In 30 m sample<br>stretches |          |          |
|                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                   | <b>XPt</b>                  | <b>2</b> | <b>3</b> |
| <i>Acer campestre</i> (Field Maple)                                                                                                                                                                                                                                                                                                                                                                                     |  | ✓                 | ✓ (15%)                     | -        | -        |
| <i>Crataegus monogyna</i> (Hawthorn)                                                                                                                                                                                                                                                                                                                                                                                    |  | ✓                 | ✓ (30%)                     | ✓        | -        |
| <i>Euonymus europaeus</i> (Spindle)                                                                                                                                                                                                                                                                                                                                                                                     |  | ✓                 | -                           | ✓        | -        |
| <i>Ilex aquifolium</i> (Holly)                                                                                                                                                                                                                                                                                                                                                                                          |  | ✓                 | ✓ (5%)                      | -        | -        |
| <i>Ligustrum vulgare</i> (Wild Privet)                                                                                                                                                                                                                                                                                                                                                                                  |  | ✓                 | -                           | ✓        | -        |
| <i>Prunus spinosa</i> (Blackthorn)                                                                                                                                                                                                                                                                                                                                                                                      |  | ✓                 | ✓ (30%)                     | ✓        | -        |
| <i>Quercus robur</i> (Pedunculate Oak)                                                                                                                                                                                                                                                                                                                                                                                  |  | ✓                 | ✓ (20%)                     | ✓        | -        |
| <i>Rosa canina</i> (Dog-rose)                                                                                                                                                                                                                                                                                                                                                                                           |  | ✓                 | -                           | -        | -        |
| <i>Ruscus aculeatus</i> (Butcher's-broom)                                                                                                                                                                                                                                                                                                                                                                               |  | ✓                 | -                           | -        | -        |
| <i>Sambucus nigra</i> (Elder)                                                                                                                                                                                                                                                                                                                                                                                           |  | -                 | -                           | -        | -        |
| <b>Total - Schedule 3 species:</b>                                                                                                                                                                                                                                                                                                                                                                                      |  | <b>10</b>         | <b>5</b>                    | <b>5</b> | <b>0</b> |
| <b>OTHER WOODY SPECIES</b>                                                                                                                                                                                                                                                                                                                                                                                              |  |                   |                             |          |          |
| None                                                                                                                                                                                                                                                                                                                                                                                                                    |  | -                 | -                           | -        | -        |
| <b>Total - All Woody Species:</b>                                                                                                                                                                                                                                                                                                                                                                                       |  | <b>10</b>         | <b>5</b>                    | <b>5</b> | <b>0</b> |
| <b>FEATURES</b>                                                                                                                                                                                                                                                                                                                                                                                                         |  |                   |                             |          |          |
| <b>Supporting bank or wall:</b>                                                                                                                                                                                                                                                                                                                                                                                         |  | ✓                 |                             |          |          |
| <b>Less than 10% gaps:</b>                                                                                                                                                                                                                                                                                                                                                                                              |  | ✓                 |                             |          |          |
| <b>Standard trees:</b>                                                                                                                                                                                                                                                                                                                                                                                                  |  | ✓                 |                             |          |          |
| <b>Ditch for &gt;50% of hedgerow length:</b>                                                                                                                                                                                                                                                                                                                                                                            |  | ✓                 |                             |          |          |
| <b>Parallel hedge within 15m:</b>                                                                                                                                                                                                                                                                                                                                                                                       |  | -                 |                             |          |          |
| <b>Four or more connection points:</b>                                                                                                                                                                                                                                                                                                                                                                                  |  | ✓ (5)             |                             |          |          |
| Connections: 5 hedge(s), 0 ponds(s) and 0 wood(s) = (5) points                                                                                                                                                                                                                                                                                                                                                          |  |                   |                             |          |          |
| <b>Three or more Schedule 2 species:</b>                                                                                                                                                                                                                                                                                                                                                                                |  | ✓ (5)             |                             |          |          |
| Schedule 2 Species: <i>Arum maculatum</i> , <i>Brachypodium sylvaticum</i> , <i>Bromopsis ramosa</i> ,<br><i>Hyacinthoides non-scripta</i> , <i>Primula vulgaris</i>                                                                                                                                                                                                                                                    |  |                   |                             |          |          |
| <b>PHASE 1 DESCRIPTION</b>                                                                                                                                                                                                                                                                                                                                                                                              |  |                   |                             |          |          |
| A wide, scrubby hedge dominated by <i>Quercus robur</i> (Pedunculate Oak) trees over a shrub-layer of <i>Crataegus monogyna</i> (Hawthorn) and <i>Prunus spinosa</i> (Blackthorn) with small amounts of <i>Acer campestre</i> (Field Maple), <i>Ilex aquifolium</i> (Holly), <i>Rosa canina</i> (Dog-rose) and <i>Sambucus nigra</i> (Elder). The field-layer has abundant <i>Hyacinthoides non-scripta</i> (Bluebell). |  |                   |                             |          |          |
| <b>CONCLUSION</b>                                                                                                                                                                                                                                                                                                                                                                                                       |  |                   |                             |          |          |
| <b>Average Number of Schedule 3 Species per 30m Stretch:</b>                                                                                                                                                                                                                                                                                                                                                            |  | 5                 |                             |          |          |
| <b>Number of Features:</b>                                                                                                                                                                                                                                                                                                                                                                                              |  | 6                 |                             |          |          |
| <b>Special Qualifying Species:</b>                                                                                                                                                                                                                                                                                                                                                                                      |  | 0                 |                             |          |          |
| <b>Threshold Altering Factors:</b>                                                                                                                                                                                                                                                                                                                                                                                      |  | 0                 |                             |          |          |

| Hedge Number:                                                                                                                                                                                                                                                                                         |  | 295a           |                          |          |          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------|--------------------------|----------|----------|
| STATUS:                                                                                                                                                                                                                                                                                               |  | Important      |                          |          |          |
| SCHEDULE 3 WOODY SPECIES                                                                                                                                                                                                                                                                              |  | In whole hedge | In 30 m sample stretches |          |          |
|                                                                                                                                                                                                                                                                                                       |  |                | XPt                      | 2        | 3        |
| <i>Crataegus monogyna</i> (Hawthorn)                                                                                                                                                                                                                                                                  |  | ✓              | ✓(35%)                   | ✓        | -        |
| <i>Prunus spinosa</i> (Blackthorn)                                                                                                                                                                                                                                                                    |  | ✓              | ✓(40%)                   | ✓        | -        |
| <i>Quercus robur</i> (Pedunculate Oak)                                                                                                                                                                                                                                                                |  | ✓              | ✓(20%)                   | ✓        | -        |
| <i>Rosa canina</i> (Dog-rose)                                                                                                                                                                                                                                                                         |  | ✓              | ✓(5%)                    | ✓        | -        |
| <b>Total - Schedule 3 species:</b>                                                                                                                                                                                                                                                                    |  | <b>4</b>       | <b>4</b>                 | <b>4</b> | <b>0</b> |
| OTHER WOODY SPECIES                                                                                                                                                                                                                                                                                   |  |                |                          |          |          |
| None                                                                                                                                                                                                                                                                                                  |  | -              | -                        | -        | -        |
| <b>Total - All Woody Species:</b>                                                                                                                                                                                                                                                                     |  | <b>4</b>       | <b>4</b>                 | <b>4</b> | <b>0</b> |
| FEATURES                                                                                                                                                                                                                                                                                              |  |                |                          |          |          |
| <b>Supporting bank or wall:</b>                                                                                                                                                                                                                                                                       |  | ✓              |                          |          |          |
| <b>Less than 10% gaps:</b>                                                                                                                                                                                                                                                                            |  | ✓              |                          |          |          |
| <b>Standard trees:</b>                                                                                                                                                                                                                                                                                |  | ✓              |                          |          |          |
| <b>Ditch for &gt;50% of hedgerow length:</b>                                                                                                                                                                                                                                                          |  | ✓              |                          |          |          |
| <b>Parallel hedge within 15m:</b>                                                                                                                                                                                                                                                                     |  | -              |                          |          |          |
| <b>Four or more connection points:</b>                                                                                                                                                                                                                                                                |  | ✓(4)           |                          |          |          |
| Connections: 4 hedge(s), 0 ponds(s) and 0 wood(s) = (4) points                                                                                                                                                                                                                                        |  |                |                          |          |          |
| <b>Three or more Schedule 2 species:</b>                                                                                                                                                                                                                                                              |  | ✓(4)           |                          |          |          |
| Schedule 2 Species: <i>Brachypodium sylvaticum</i> , <i>Geum urbanum</i> , <i>Hyacinthoides non-scripta</i> ,<br><i>Viola riviniana</i>                                                                                                                                                               |  |                |                          |          |          |
| PHASE 1 DESCRIPTION                                                                                                                                                                                                                                                                                   |  |                |                          |          |          |
| An overgrown hedge dominated by mature <i>Quercus robur</i> (Pedunculate Oak) standards over a sparse shrub-layer of <i>Crataegus monogyna</i> (Hawthorn) and <i>Prunus spinosa</i> (Blackthorn), locally with Blackthorn outgrowths. To the south, the hedge widens into a corridor of oak woodland. |  |                |                          |          |          |
| CONCLUSION                                                                                                                                                                                                                                                                                            |  |                |                          |          |          |
| <b>Average Number of Schedule 3 Species per 30m Stretch:</b>                                                                                                                                                                                                                                          |  | 4              |                          |          |          |
| <b>Number of Features:</b>                                                                                                                                                                                                                                                                            |  | 6              |                          |          |          |
| <b>Special Qualifying Species:</b>                                                                                                                                                                                                                                                                    |  | 0              |                          |          |          |
| <b>Threshold Altering Factors:</b>                                                                                                                                                                                                                                                                    |  | 0              |                          |          |          |

| Hedge Number:                                                                                                                                                                                    |  | 296               |                             |   |   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------|-----------------------------|---|---|
| STATUS:                                                                                                                                                                                          |  | Not Important     |                             |   |   |
| SCHEDULE 3 WOODY SPECIES                                                                                                                                                                         |  | In whole<br>hedge | In 30 m sample<br>stretches |   |   |
|                                                                                                                                                                                                  |  |                   | XPt                         | 2 | 3 |
| <i>Crataegus monogyna</i> (Hawthorn)                                                                                                                                                             |  | ✓                 | ✓(35%)                      | - | - |
| <i>Prunus spinosa</i> (Blackthorn)                                                                                                                                                               |  | ✓                 | ✓(35%)                      | - | - |
| <i>Quercus robur</i> (Pedunculate Oak)                                                                                                                                                           |  | ✓                 | ✓(20%)                      | - | - |
| <i>Rosa canina</i> (Dog-rose)                                                                                                                                                                    |  | ✓                 | ✓(10%)                      | - | - |
| <i>Salix cinerea</i> (Grey Willow)                                                                                                                                                               |  | ✓                 | -                           | - | - |
| <i>Total - Schedule 3 species:</i>                                                                                                                                                               |  | 5                 | 4                           | 0 | 0 |
| OTHER WOODY SPECIES                                                                                                                                                                              |  |                   |                             |   |   |
| None                                                                                                                                                                                             |  | -                 | -                           | - | - |
| <i>Total - All Woody Species:</i>                                                                                                                                                                |  | 5                 | 4                           | 0 | 0 |
| FEATURES                                                                                                                                                                                         |  |                   |                             |   |   |
| <i>Supporting bank or wall:</i>                                                                                                                                                                  |  | -                 |                             |   |   |
| <i>Less than 10% gaps:</i>                                                                                                                                                                       |  | ✓                 |                             |   |   |
| <i>Standard trees:</i>                                                                                                                                                                           |  | ✓                 |                             |   |   |
| <i>Ditch for &gt;50% of hedgerow length:</i>                                                                                                                                                     |  | ✓                 |                             |   |   |
| <i>Parallel hedge within 15m:</i>                                                                                                                                                                |  | -                 |                             |   |   |
| <i>Four or more connection points:</i>                                                                                                                                                           |  | ✓(6)              |                             |   |   |
| <i>Connections:</i> 4 hedge(s), 1 ponds(s) and 0 wood(s) = (6) points                                                                                                                            |  |                   |                             |   |   |
| <i>Three or more Schedule 2 species:</i>                                                                                                                                                         |  | -(1)              |                             |   |   |
| <i>Schedule 2 Species:</i> <i>Brachypodium sylvaticum</i>                                                                                                                                        |  |                   |                             |   |   |
| PHASE 1 DESCRIPTION                                                                                                                                                                              |  |                   |                             |   |   |
| A tall, unmanaged hedge largely comprising mature <i>Quercus robur</i> (Pedunculate Oak) trees and overgrown <i>Crataegus monogyna</i> (Hawthorn) and <i>Prunus spinosa</i> (Blackthorn) shrubs. |  |                   |                             |   |   |
| CONCLUSION                                                                                                                                                                                       |  |                   |                             |   |   |
| <i>Average Number of Schedule 3 Species per 30m Stretch:</i>                                                                                                                                     |  | 4                 |                             |   |   |
| <i>Number of Features:</i>                                                                                                                                                                       |  | 4                 |                             |   |   |
| <i>Special Qualifying Species:</i>                                                                                                                                                               |  | 0                 |                             |   |   |
| <i>Threshold Altering Factors:</i>                                                                                                                                                               |  | 0                 |                             |   |   |

| Hedge Number:                                                                                                                                                                                                                                                                                                                                                                            | 297a                                                |                          |   |   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|--------------------------|---|---|
| STATUS:                                                                                                                                                                                                                                                                                                                                                                                  | Important                                           |                          |   |   |
| SCHEDULE 3 WOODY SPECIES                                                                                                                                                                                                                                                                                                                                                                 | In whole hedge                                      | In 30 m sample stretches |   |   |
|                                                                                                                                                                                                                                                                                                                                                                                          |                                                     | XPt                      | 2 | 3 |
| <i>Crataegus monogyna</i> (Hawthorn)                                                                                                                                                                                                                                                                                                                                                     | ✓                                                   | ✓(20%)                   | - | - |
| <i>Euonymus europaeus</i> (Spindle)                                                                                                                                                                                                                                                                                                                                                      | ✓                                                   | ✓(1%)                    | - | - |
| <i>Ligustrum vulgare</i> (Wild Privet)                                                                                                                                                                                                                                                                                                                                                   | ✓                                                   | ✓(1%)                    | - | - |
| <i>Prunus spinosa</i> (Blackthorn)                                                                                                                                                                                                                                                                                                                                                       | ✓                                                   | ✓(53%)                   | - | - |
| <i>Quercus robur</i> (Pedunculate Oak)                                                                                                                                                                                                                                                                                                                                                   | ✓                                                   | ✓(20%)                   | - | - |
| <i>Rosa canina</i> (Dog-rose)                                                                                                                                                                                                                                                                                                                                                            | ✓                                                   | ✓(5%)                    | - | - |
| Total - Schedule 3 species:                                                                                                                                                                                                                                                                                                                                                              | 6                                                   | 6                        | 0 | 0 |
| OTHER WOODY SPECIES                                                                                                                                                                                                                                                                                                                                                                      |                                                     |                          |   |   |
| None                                                                                                                                                                                                                                                                                                                                                                                     | -                                                   | -                        | - | - |
| Total - All Woody Species:                                                                                                                                                                                                                                                                                                                                                               | 6                                                   | 6                        | 0 | 0 |
| FEATURES                                                                                                                                                                                                                                                                                                                                                                                 |                                                     |                          |   |   |
| Supporting bank or wall:                                                                                                                                                                                                                                                                                                                                                                 | ✓                                                   |                          |   |   |
| Less than 10% gaps:                                                                                                                                                                                                                                                                                                                                                                      | ✓                                                   |                          |   |   |
| Standard trees:                                                                                                                                                                                                                                                                                                                                                                          | ✓                                                   |                          |   |   |
| Ditch for >50% of hedgerow length:                                                                                                                                                                                                                                                                                                                                                       | ✓                                                   |                          |   |   |
| Parallel hedge within 15m:                                                                                                                                                                                                                                                                                                                                                               | -                                                   |                          |   |   |
| Four or more connection points:                                                                                                                                                                                                                                                                                                                                                          | -(3)                                                |                          |   |   |
| Connections:                                                                                                                                                                                                                                                                                                                                                                             | 1 hedge(s), 0 ponds(s) and 1 wood(s) = (3) points   |                          |   |   |
| Three or more Schedule 2 species:                                                                                                                                                                                                                                                                                                                                                        | ✓(3)                                                |                          |   |   |
| Schedule 2 Species:                                                                                                                                                                                                                                                                                                                                                                      | Geum urbanum, Mercurialis perennis, Viola riviniana |                          |   |   |
| PHASE 1 DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                      |                                                     |                          |   |   |
| An unmanaged hedge dominated by mature Quercus robur (Pedunculate Oak) trees over a thin shrub-layer of mostly Prunus spinosa (Blackthorn) with a few woodland herbs in the field-layer including Mercurialis perennis (Dog’s Mercury) and Viola riviniana (Common Dog-violet). An adjacent ditch had been cleared recently and contained no vegetation and only a tiny amount of water. |                                                     |                          |   |   |
| CONCLUSION                                                                                                                                                                                                                                                                                                                                                                               |                                                     |                          |   |   |
| Average Number of Schedule 3 Species per 30m Stretch:                                                                                                                                                                                                                                                                                                                                    | 6                                                   |                          |   |   |
| Number of Features:                                                                                                                                                                                                                                                                                                                                                                      | 5                                                   |                          |   |   |
| Special Qualifying Species:                                                                                                                                                                                                                                                                                                                                                              | 0                                                   |                          |   |   |
| Threshold Altering Factors:                                                                                                                                                                                                                                                                                                                                                              | 0                                                   |                          |   |   |

| Hedge Number:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 298                                                                                                                    |                          |   |   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|--------------------------|---|---|
| STATUS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Important                                                                                                              |                          |   |   |
| SCHEDULE 3 WOODY SPECIES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | In whole hedge                                                                                                         | In 30 m sample stretches |   |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                        | XPt                      | 2 | 3 |
| <i>Carpinus betulus</i> (Hornbeam)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | ✓                                                                                                                      | ✓(10%)                   | - | - |
| <i>Cornus sanguinea</i> (Dogwood)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ✓                                                                                                                      | -                        | - | - |
| <i>Corylus avellana</i> (Hazel)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ✓                                                                                                                      | -                        | ✓ | - |
| <i>Crataegus monogyna</i> (Hawthorn)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ✓                                                                                                                      | ✓(15%)                   | ✓ | - |
| <i>Euonymus europaeus</i> (Spindle)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | ✓                                                                                                                      | -                        | - | - |
| <i>Fraxinus excelsior</i> (Ash)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ✓                                                                                                                      | -                        | ✓ | - |
| <i>Prunus spinosa</i> (Blackthorn)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | ✓                                                                                                                      | ✓(45%)                   | ✓ | - |
| <i>Quercus robur</i> (Pedunculate Oak)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ✓                                                                                                                      | ✓(10%)                   | ✓ | - |
| <i>Rosa canina</i> (Dog-rose)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | ✓                                                                                                                      | ✓(20%)                   | - | - |
| Total - Schedule 3 species:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 9                                                                                                                      | 5                        | 5 | 0 |
| OTHER WOODY SPECIES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                        |                          |   |   |
| None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | -                                                                                                                      | -                        | - | - |
| Total - All Woody Species:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 9                                                                                                                      | 5                        | 5 | 0 |
| FEATURES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                        |                          |   |   |
| Supporting bank or wall:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | -                                                                                                                      |                          |   |   |
| Less than 10% gaps:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | ✓                                                                                                                      |                          |   |   |
| Standard trees:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ✓                                                                                                                      |                          |   |   |
| Ditch for >50% of hedgerow length:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | ✓                                                                                                                      |                          |   |   |
| Parallel hedge within 15m:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -                                                                                                                      |                          |   |   |
| Four or more connection points:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -(2)                                                                                                                   |                          |   |   |
| Connections:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2 hedge(s), 0 ponds(s) and 0 wood(s) = (2) points                                                                      |                          |   |   |
| Three or more Schedule 2 species:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ✓(6)                                                                                                                   |                          |   |   |
| Schedule 2 Species:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Arum maculatum, Brachypodium sylvaticum, Dryopteris dilatata, Geranium robertianum, Geum urbanum, Mercurialis perennis |                          |   |   |
| PHASE 1 DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                        |                          |   |   |
| A scrubby, overgrown road hedge several metres high and wide with a few, taller <i>Quercus robur</i> (Pedunculate Oak) standards. The main woody species is <i>Prunus spinosa</i> (Blackthorn) in a mixture with <i>Crataegus monogyna</i> (Hawthorn), <i>Rosa canina</i> (Dog-rose) and young <i>Carpinus betulus</i> (Hornbeam) and <i>Fraxinus excelsior</i> (Ash) trees. The field-layer contains patchy <i>Pteridium aquilinum</i> (Bracken), <i>Rubus fruticosus</i> agg. (Bramble) and <i>Urtica dioica</i> (Common Nettle) with occasional woodland herbs such as <i>Arum maculatum</i> (Lords-and-Ladies), <i>Geranium robertianum</i> (Herb-Robert) and <i>Mercurialis perennis</i> (Dog’s Mercury). |                                                                                                                        |                          |   |   |
| CONCLUSION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                        |                          |   |   |
| Average Number of Schedule 3 Species per 30m Stretch:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 5                                                                                                                      |                          |   |   |
| Number of Features:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 4                                                                                                                      |                          |   |   |
| Special Qualifying Species:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 0                                                                                                                      |                          |   |   |
| Threshold Altering Factors:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 0                                                                                                                      |                          |   |   |

| <b>Hedge Number:</b>                                                                                                                                                                                                                                           |  | <b>304</b>        |                             |          |          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------|-----------------------------|----------|----------|
| <b>STATUS:</b>                                                                                                                                                                                                                                                 |  | <b>Important</b>  |                             |          |          |
| <b>SCHEDULE 3 WOODY SPECIES</b>                                                                                                                                                                                                                                |  | In whole<br>hedge | In 30 m sample<br>stretches |          |          |
|                                                                                                                                                                                                                                                                |  |                   | <b>XPt</b>                  | <b>2</b> | <b>3</b> |
| <i>Acer campestre</i> (Field Maple)                                                                                                                                                                                                                            |  | ✓                 | -                           | ✓        | -        |
| <i>Crataegus monogyna</i> (Hawthorn)                                                                                                                                                                                                                           |  | ✓                 | ✓ (10%)                     | ✓        | -        |
| <i>Prunus spinosa</i> (Blackthorn)                                                                                                                                                                                                                             |  | ✓                 | ✓ (65%)                     | ✓        | -        |
| <i>Quercus robur</i> (Pedunculate Oak)                                                                                                                                                                                                                         |  | ✓                 | ✓ (10%)                     | ✓        | -        |
| <i>Rosa canina</i> (Dog-rose)                                                                                                                                                                                                                                  |  | ✓                 | ✓ (15%)                     | ✓        | -        |
| <b>Total - Schedule 3 species:</b>                                                                                                                                                                                                                             |  | <b>5</b>          | <b>4</b>                    | <b>5</b> | <b>0</b> |
| <b>OTHER WOODY SPECIES</b>                                                                                                                                                                                                                                     |  |                   |                             |          |          |
| None                                                                                                                                                                                                                                                           |  | -                 | -                           | -        | -        |
| <b>Total - All Woody Species:</b>                                                                                                                                                                                                                              |  | <b>5</b>          | <b>4</b>                    | <b>5</b> | <b>0</b> |
| <b>FEATURES</b>                                                                                                                                                                                                                                                |  |                   |                             |          |          |
| <b>Supporting bank or wall:</b>                                                                                                                                                                                                                                |  | ✓                 |                             |          |          |
| <b>Less than 10% gaps:</b>                                                                                                                                                                                                                                     |  | ✓                 |                             |          |          |
| <b>Standard trees:</b>                                                                                                                                                                                                                                         |  | ✓                 |                             |          |          |
| <b>Ditch for &gt;50% of hedgerow length:</b>                                                                                                                                                                                                                   |  | ✓                 |                             |          |          |
| <b>Parallel hedge within 15m:</b>                                                                                                                                                                                                                              |  | -                 |                             |          |          |
| <b>Four or more connection points:</b>                                                                                                                                                                                                                         |  | ✓ (5)             |                             |          |          |
| Connections: 3 hedge(s), 0 ponds(s) and 1 wood(s) = (5) points                                                                                                                                                                                                 |  |                   |                             |          |          |
| <b>Three or more Schedule 2 species:</b>                                                                                                                                                                                                                       |  | -(0)              |                             |          |          |
| Schedule 2 Species: None                                                                                                                                                                                                                                       |  |                   |                             |          |          |
| <b>PHASE 1 DESCRIPTION</b>                                                                                                                                                                                                                                     |  |                   |                             |          |          |
| A tall, wide hedge about 3.5 × 4 m with a low bank and an adjacent dry ditch. It is dominated by <i>Prunus spinosa</i> (Blackthorn) together with <i>Acer campestre</i> (Field Maple), <i>Crataegus monogyna</i> (Hawthorn) and <i>Rosa canina</i> (Dog-rose). |  |                   |                             |          |          |
| <b>CONCLUSION</b>                                                                                                                                                                                                                                              |  |                   |                             |          |          |
| <b>Average Number of Schedule 3 Species per 30m Stretch:</b>                                                                                                                                                                                                   |  | 4.5               |                             |          |          |
| <b>Number of Features:</b>                                                                                                                                                                                                                                     |  | 5                 |                             |          |          |
| <b>Special Qualifying Species:</b>                                                                                                                                                                                                                             |  | 0                 |                             |          |          |
| <b>Threshold Altering Factors:</b>                                                                                                                                                                                                                             |  | 0                 |                             |          |          |

| Hedge Number:                                                                                                                               | 305                                               |                             |   |   |  |
|---------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|-----------------------------|---|---|--|
| STATUS:                                                                                                                                     | Not Important                                     |                             |   |   |  |
| SCHEDULE 3 WOODY SPECIES                                                                                                                    | In whole<br>hedge                                 | In 30 m sample<br>stretches |   |   |  |
|                                                                                                                                             |                                                   | XPt                         | 2 | 3 |  |
| <i>Crataegus monogyna</i> (Hawthorn)                                                                                                        | ✓                                                 | ✓(30%)                      | ✓ | - |  |
| <i>Euonymus europaeus</i> (Spindle)                                                                                                         | ✓                                                 | ✓(15%)                      | - | - |  |
| <i>Fraxinus excelsior</i> (Ash)                                                                                                             | ✓                                                 | ✓(10%)                      | - | - |  |
| <i>Prunus spinosa</i> (Blackthorn)                                                                                                          | ✓                                                 | ✓(40%)                      | ✓ | - |  |
| <i>Quercus robur</i> (Pedunculate Oak)                                                                                                      | ✓                                                 | -                           | ✓ | - |  |
| <i>Rosa canina</i> (Dog-rose)                                                                                                               | ✓                                                 | ✓(5%)                       | ✓ | - |  |
| <i>Salix cinerea</i> (Grey Willow)                                                                                                          | -                                                 | -                           | - | - |  |
| <i>Total - Schedule 3 species:</i>                                                                                                          | 7                                                 | 5                           | 4 | 0 |  |
| OTHER WOODY SPECIES                                                                                                                         |                                                   |                             |   |   |  |
| None                                                                                                                                        | -                                                 | -                           | - | - |  |
| <i>Total - All Woody Species:</i>                                                                                                           | 7                                                 | 5                           | 4 | 0 |  |
| FEATURES                                                                                                                                    |                                                   |                             |   |   |  |
| <i>Supporting bank or wall:</i>                                                                                                             | -                                                 |                             |   |   |  |
| <i>Less than 10% gaps:</i>                                                                                                                  | ✓                                                 |                             |   |   |  |
| <i>Standard trees:</i>                                                                                                                      | ✓                                                 |                             |   |   |  |
| <i>Ditch for &gt;50% of hedgerow length:</i>                                                                                                | ✓                                                 |                             |   |   |  |
| <i>Parallel hedge within 15m:</i>                                                                                                           | -                                                 |                             |   |   |  |
| <i>Four or more connection points:</i>                                                                                                      | ✓(4)                                              |                             |   |   |  |
| <i>Connections:</i>                                                                                                                         | 4 hedge(s), 0 ponds(s) and 0 wood(s) = (4) points |                             |   |   |  |
| <i>Three or more Schedule 2 species:</i>                                                                                                    | -(0)                                              |                             |   |   |  |
| <i>Schedule 2 Species:</i>                                                                                                                  | None                                              |                             |   |   |  |
| PHASE 1 DESCRIPTION                                                                                                                         |                                                   |                             |   |   |  |
| A hedge similar to <i>Target Note 304</i> , but with additional <i>Euonymus europaeus</i> (Spindle) and <i>Salix cinerea</i> (Grey Willow). |                                                   |                             |   |   |  |
| CONCLUSION                                                                                                                                  |                                                   |                             |   |   |  |
| <i>Average Number of Schedule 3 Species per 30m Stretch:</i>                                                                                | 4.5                                               |                             |   |   |  |
| <i>Number of Features:</i>                                                                                                                  | 4                                                 |                             |   |   |  |
| <i>Special Qualifying Species:</i>                                                                                                          | 0                                                 |                             |   |   |  |
| <i>Threshold Altering Factors:</i>                                                                                                          | 0                                                 |                             |   |   |  |

| Hedge Number:                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  | 311            |                          |          |          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------|--------------------------|----------|----------|
| STATUS:                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  | Important      |                          |          |          |
| SCHEDULE 3 WOODY SPECIES                                                                                                                                                                                                                                                                                                                                                                                                                                      |  | In whole hedge | In 30 m sample stretches |          |          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                | XPt                      | 2        | 3        |
| <i>Acer campestre</i> (Field Maple)                                                                                                                                                                                                                                                                                                                                                                                                                           |  | ✓              | ✓ (20%)                  | ✓        | -        |
| <i>Crataegus monogyna</i> (Hawthorn)                                                                                                                                                                                                                                                                                                                                                                                                                          |  | ✓              | ✓ (30%)                  | -        | -        |
| <i>Euonymus europaeus</i> (Spindle)                                                                                                                                                                                                                                                                                                                                                                                                                           |  | ✓              | -                        | ✓        | -        |
| <i>Fraxinus excelsior</i> (Ash)                                                                                                                                                                                                                                                                                                                                                                                                                               |  | ✓              | ✓ (1%)                   | -        | -        |
| <i>Ligustrum vulgare</i> (Wild Privet)                                                                                                                                                                                                                                                                                                                                                                                                                        |  | ✓              | ✓ (10%)                  | ✓        | -        |
| <i>Prunus spinosa</i> (Blackthorn)                                                                                                                                                                                                                                                                                                                                                                                                                            |  | ✓              | ✓ (30%)                  | ✓        | -        |
| <i>Quercus robur</i> (Pedunculate Oak)                                                                                                                                                                                                                                                                                                                                                                                                                        |  | ✓              | ✓ (4%)                   | -        | -        |
| <i>Rosa canina</i> (Dog-rose)                                                                                                                                                                                                                                                                                                                                                                                                                                 |  | ✓              | ✓ (5%)                   | ✓        | -        |
| <i>Sorbus torminalis</i> (Wild Service-tree)                                                                                                                                                                                                                                                                                                                                                                                                                  |  | ✓              | -                        | ✓        | -        |
| <b>Total - Schedule 3 species:</b>                                                                                                                                                                                                                                                                                                                                                                                                                            |  | <b>9</b>       | <b>7</b>                 | <b>6</b> | <b>0</b> |
| OTHER WOODY SPECIES                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                |                          |          |          |
| None                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  | -              | -                        | -        | -        |
| <b>Total - All Woody Species:</b>                                                                                                                                                                                                                                                                                                                                                                                                                             |  | <b>9</b>       | <b>7</b>                 | <b>6</b> | <b>0</b> |
| FEATURES                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                |                          |          |          |
| <b>Supporting bank or wall:</b>                                                                                                                                                                                                                                                                                                                                                                                                                               |  | ✓              |                          |          |          |
| <b>Less than 10% gaps:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | ✓              |                          |          |          |
| <b>Standard trees:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | ✓              |                          |          |          |
| <b>Ditch for &gt;50% of hedgerow length:</b>                                                                                                                                                                                                                                                                                                                                                                                                                  |  | -              |                          |          |          |
| <b>Parallel hedge within 15m:</b>                                                                                                                                                                                                                                                                                                                                                                                                                             |  | ✓              |                          |          |          |
| <b>Four or more connection points:</b>                                                                                                                                                                                                                                                                                                                                                                                                                        |  | -(2)           |                          |          |          |
| Connections: 2 hedge(s), 0 ponds(s) and 0 wood(s) = (2) points                                                                                                                                                                                                                                                                                                                                                                                                |  |                |                          |          |          |
| <b>Three or more Schedule 2 species:</b>                                                                                                                                                                                                                                                                                                                                                                                                                      |  | ✓ (4)          |                          |          |          |
| Schedule 2 Species: <i>Arum maculatum</i> , <i>Brachypodium sylvaticum</i> , <i>Hyacinthoides non-scripta</i> ,<br><i>Primula vulgaris</i>                                                                                                                                                                                                                                                                                                                    |  |                |                          |          |          |
| PHASE 1 DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                |                          |          |          |
| A trackside hedge generally trimmed to about 1.7 m tall and comprising a mixture of the shrubs <i>Acer campestre</i> (Field Maple), <i>Crataegus monogyna</i> (Hawthorn), <i>Ligustrum vulgare</i> (Wild Privet), <i>Prunus spinosa</i> (Blackthorn) and <i>Rosa canina</i> (Dog-rose). At the southern end, Field Maple and <i>Quercus robur</i> (Pedunculate Oak) have been left to grow into trees, and there is a wide, shaded ditch along the east side. |  |                |                          |          |          |
| CONCLUSION                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                |                          |          |          |
| <b>Average Number of Schedule 3 Species per 30m Stretch:</b>                                                                                                                                                                                                                                                                                                                                                                                                  |  | 6              |                          |          |          |
| <b>Number of Features:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | 5              |                          |          |          |
| <b>Special Qualifying Species:</b>                                                                                                                                                                                                                                                                                                                                                                                                                            |  | 1              |                          |          |          |
| <b>Threshold Altering Factors:</b>                                                                                                                                                                                                                                                                                                                                                                                                                            |  | 0              |                          |          |          |

| Hedge Number:                                                                                                                     | 314                                               |                          |   |   |
|-----------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|--------------------------|---|---|
| STATUS:                                                                                                                           | Not Important                                     |                          |   |   |
| SCHEDULE 3 WOODY SPECIES                                                                                                          | In whole hedge                                    | In 30 m sample stretches |   |   |
|                                                                                                                                   |                                                   | XPt                      | 2 | 3 |
| <i>Crataegus monogyna</i> (Hawthorn)                                                                                              | ✓                                                 | ✓(15%)                   | - | - |
| <i>Malus sylvestris</i> (Crab Apple)                                                                                              | ✓                                                 | ✓(3%)                    | - | - |
| <i>Prunus spinosa</i> (Blackthorn)                                                                                                | ✓                                                 | ✓(80%)                   | - | - |
| <i>Quercus robur</i> (Pedunculate Oak)                                                                                            | ✓                                                 | ✓(5%)                    | - | - |
| <i>Rosa canina</i> (Dog-rose)                                                                                                     | ✓                                                 | ✓(2%)                    | - | - |
| Total - Schedule 3 species:                                                                                                       | 5                                                 | 5                        | 0 | 0 |
| OTHER WOODY SPECIES                                                                                                               |                                                   |                          |   |   |
| None                                                                                                                              | -                                                 | -                        | - | - |
| Total - All Woody Species:                                                                                                        | 5                                                 | 5                        | 0 | 0 |
| FEATURES                                                                                                                          |                                                   |                          |   |   |
| Supporting bank or wall:                                                                                                          | -                                                 |                          |   |   |
| Less than 10% gaps:                                                                                                               | -                                                 |                          |   |   |
| Standard trees:                                                                                                                   | ✓                                                 |                          |   |   |
| Ditch for >50% of hedgerow length:                                                                                                | ✓                                                 |                          |   |   |
| Parallel hedge within 15m:                                                                                                        | ✓                                                 |                          |   |   |
| Four or more connection points:                                                                                                   | -(2)                                              |                          |   |   |
| Connections:                                                                                                                      | 0 hedge(s), 0 ponds(s) and 1 wood(s) = (2) points |                          |   |   |
| Three or more Schedule 2 species:                                                                                                 | -(0)                                              |                          |   |   |
| Schedule 2 Species:                                                                                                               | None                                              |                          |   |   |
| PHASE 1 DESCRIPTION                                                                                                               |                                                   |                          |   |   |
| A 30 m or so section of <i>Prunus spinosa</i> (Blackthorn) hedge between two mature <i>Quercus robur</i> (Pedunculate Oak) trees. |                                                   |                          |   |   |
| CONCLUSION                                                                                                                        |                                                   |                          |   |   |
| Average Number of Schedule 3 Species per 30m Stretch:                                                                             | 5                                                 |                          |   |   |
| Number of Features:                                                                                                               | 3                                                 |                          |   |   |
| Special Qualifying Species:                                                                                                       | 0                                                 |                          |   |   |
| Threshold Altering Factors:                                                                                                       | 0                                                 |                          |   |   |

| Hedge Number:                                                                                                                                                                                                                                                                                                                                  |  | 316                                               |                             |   |   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------|-----------------------------|---|---|
| STATUS:                                                                                                                                                                                                                                                                                                                                        |  | Not Important                                     |                             |   |   |
| SCHEDULE 3 WOODY SPECIES                                                                                                                                                                                                                                                                                                                       |  | In whole<br>hedge                                 | In 30 m sample<br>stretches |   |   |
|                                                                                                                                                                                                                                                                                                                                                |  |                                                   | XPt                         | 2 | 3 |
| Acer campestre (Field Maple)                                                                                                                                                                                                                                                                                                                   |  | ✓                                                 | -                           | ✓ | - |
| Crataegus monogyna (Hawthorn)                                                                                                                                                                                                                                                                                                                  |  | ✓                                                 | ✓(3%)                       | ✓ | ✓ |
| Euonymus europaeus (Spindle)                                                                                                                                                                                                                                                                                                                   |  | ✓                                                 | ✓(2%)                       | - | ✓ |
| Prunus spinosa (Blackthorn)                                                                                                                                                                                                                                                                                                                    |  | ✓                                                 | ✓(93%)                      | ✓ | ✓ |
| Quercus robur (Pedunculate Oak)                                                                                                                                                                                                                                                                                                                |  | ✓                                                 | -                           | - | - |
| Rosa canina (Dog-rose)                                                                                                                                                                                                                                                                                                                         |  | ✓                                                 | ✓(2%)                       | ✓ | ✓ |
| Salix cinerea (Grey Willow)                                                                                                                                                                                                                                                                                                                    |  | ✓                                                 | -                           | - | ✓ |
| Total - Schedule 3 species:                                                                                                                                                                                                                                                                                                                    |  | 7                                                 | 4                           | 4 | 5 |
| OTHER WOODY SPECIES                                                                                                                                                                                                                                                                                                                            |  |                                                   |                             |   |   |
| None                                                                                                                                                                                                                                                                                                                                           |  | -                                                 | -                           | - | - |
| Total - All Woody Species:                                                                                                                                                                                                                                                                                                                     |  | 7                                                 | 4                           | 4 | 5 |
| FEATURES                                                                                                                                                                                                                                                                                                                                       |  |                                                   |                             |   |   |
| Supporting bank or wall:                                                                                                                                                                                                                                                                                                                       |  | -                                                 |                             |   |   |
| Less than 10% gaps:                                                                                                                                                                                                                                                                                                                            |  | ✓                                                 |                             |   |   |
| Standard trees:                                                                                                                                                                                                                                                                                                                                |  | -                                                 |                             |   |   |
| Ditch for >50% of hedgerow length:                                                                                                                                                                                                                                                                                                             |  | ✓                                                 |                             |   |   |
| Parallel hedge within 15m:                                                                                                                                                                                                                                                                                                                     |  | -                                                 |                             |   |   |
| Four or more connection points:                                                                                                                                                                                                                                                                                                                |  | -(3)                                              |                             |   |   |
| Connections:                                                                                                                                                                                                                                                                                                                                   |  | 3 hedge(s), 0 ponds(s) and 0 wood(s) = (3) points |                             |   |   |
| Three or more Schedule 2 species:                                                                                                                                                                                                                                                                                                              |  | -(1)                                              |                             |   |   |
| Schedule 2 Species:                                                                                                                                                                                                                                                                                                                            |  | Mercurialis perennis                              |                             |   |   |
| PHASE 1 DESCRIPTION                                                                                                                                                                                                                                                                                                                            |  |                                                   |                             |   |   |
| A very dense, trimmed hedge along a disused track with a dry ditch and two mature Quercus robur (Pedunculate Oak) trees. The shrub-layer is maintained at height of about 2 m and comprises mostly Prunus spinosa (Blackthorn) with smaller amounts of Crataegus monogyna (Hawthorn), Euonymus europaeus (Spindle) and Rosa canina (Dog-rose). |  |                                                   |                             |   |   |
| CONCLUSION                                                                                                                                                                                                                                                                                                                                     |  |                                                   |                             |   |   |
| Average Number of Schedule 3 Species per 30m Stretch:                                                                                                                                                                                                                                                                                          |  | 4.3300000000000001                                |                             |   |   |
| Number of Features:                                                                                                                                                                                                                                                                                                                            |  | 2                                                 |                             |   |   |
| Special Qualifying Species:                                                                                                                                                                                                                                                                                                                    |  | 0                                                 |                             |   |   |
| Threshold Altering Factors:                                                                                                                                                                                                                                                                                                                    |  | 0                                                 |                             |   |   |

| Hedge Number:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | 317            |                          |          |          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------|--------------------------|----------|----------|
| STATUS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  | Important      |                          |          |          |
| SCHEDULE 3 WOODY SPECIES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | In whole hedge | In 30 m sample stretches |          |          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                | XPt                      | 2        | 3        |
| <i>Acer campestre</i> (Field Maple)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  | ✓              | -                        | -        | ✓        |
| <i>Corylus avellana</i> (Hazel)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | ✓              | -                        | -        | ✓        |
| <i>Crataegus monogyna</i> (Hawthorn)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | ✓              | ✓(38%)                   | ✓        | ✓        |
| <i>Euonymus europaeus</i> (Spindle)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  | ✓              | ✓(10%)                   | ✓        | -        |
| <i>Ligustrum vulgare</i> (Wild Privet)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | ✓              | ✓(1%)                    | ✓        | -        |
| <i>Malus sylvestris</i> (Crab Apple)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | ✓              | -                        | ✓        | -        |
| <i>Prunus spinosa</i> (Blackthorn)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  | ✓              | ✓(40%)                   | ✓        | ✓        |
| <i>Quercus robur</i> (Pedunculate Oak)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | ✓              | ✓(1%)                    | ✓        | -        |
| <i>Rosa canina</i> (Dog-rose)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | ✓              | ✓(10%)                   | ✓        | ✓        |
| <b>Total - Schedule 3 species:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  | <b>9</b>       | <b>6</b>                 | <b>7</b> | <b>5</b> |
| OTHER WOODY SPECIES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |                |                          |          |          |
| None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | -              | -                        | -        | -        |
| <b>Total - All Woody Species:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  | <b>9</b>       | <b>6</b>                 | <b>7</b> | <b>5</b> |
| FEATURES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                |                          |          |          |
| <b>Supporting bank or wall:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | ✓              |                          |          |          |
| <b>Less than 10% gaps:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  | ✓              |                          |          |          |
| <b>Standard trees:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | ✓              |                          |          |          |
| <b>Ditch for &gt;50% of hedgerow length:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  | -              |                          |          |          |
| <b>Parallel hedge within 15m:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  | -              |                          |          |          |
| <b>Four or more connection points:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | ✓(4)           |                          |          |          |
| Connections: 2 hedge(s), 0 ponds(s) and 1 wood(s) = (4) points                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                |                          |          |          |
| <b>Three or more Schedule 2 species:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | ✓(5)           |                          |          |          |
| Schedule 2 Species: <i>Arum maculatum</i> , <i>Brachypodium sylvaticum</i> , <i>Bromopsis ramosa</i> , <i>primula vulgaris</i> , <i>Viola riviniana</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |                |                          |          |          |
| PHASE 1 DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |                |                          |          |          |
| A well-maintained trackside hedge about 2 m high and wide with a bank, <i>Quercus robur</i> (Pedunculate Oak) standards and no gaps. It comprises a mixture of <i>Crataegus monogyna</i> (Hawthorn) and <i>Prunus spinosa</i> (Blackthorn) with several other species including <i>Acer campestre</i> (Field Maple), <i>Euonymus europaeus</i> (Spindle), <i>Ligustrum vulgare</i> (Wild Privet), <i>Malus sylvestris</i> (Crab Apple) and <i>Rosa canina</i> (Dog-rose). There is a grassy verge with woodland herbs including <i>Brachypodium sylvaticum</i> (False Brome), <i>Bromopsis ramosa</i> (Hairy-brome), <i>Primula vulgaris</i> (Primrose) and <i>Viola riviniana</i> (Common Dog-violet). |  |                |                          |          |          |
| CONCLUSION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |                |                          |          |          |
| <b>Average Number of Schedule 3 Species per 30m Stretch:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  | 6              |                          |          |          |
| <b>Number of Features:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  | 5              |                          |          |          |
| <b>Special Qualifying Species:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  | 0              |                          |          |          |
| <b>Threshold Altering Factors:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  | 0              |                          |          |          |

| Hedge Number:                                         |  | 318                                                                                          |                          |   |   |
|-------------------------------------------------------|--|----------------------------------------------------------------------------------------------|--------------------------|---|---|
| STATUS:                                               |  | Important                                                                                    |                          |   |   |
| SCHEDULE 3 WOODY SPECIES                              |  | In whole hedge                                                                               | In 30 m sample stretches |   |   |
|                                                       |  |                                                                                              | XPt                      | 2 | 3 |
| Acer campestre (Field Maple)                          |  | ✓                                                                                            | -                        | - | ✓ |
| Corylus avellana (Hazel)                              |  | ✓                                                                                            | -                        | - | - |
| Crataegus monogyna (Hawthorn)                         |  | ✓                                                                                            | ✓(95%)                   | ✓ | ✓ |
| Euonymus europaeus (Spindle)                          |  | ✓                                                                                            | -                        | - | ✓ |
| Ligustrum vulgare (Wild Privet)                       |  | ✓                                                                                            | -                        | ✓ | - |
| Malus sylvestris (Crab Apple)                         |  | ✓                                                                                            | -                        | ✓ | - |
| Prunus spinosa (Blackthorn)                           |  | ✓                                                                                            | ✓(3%)                    | - | ✓ |
| Quercus robur (Pedunculate Oak)                       |  | ✓                                                                                            | ✓(1%)                    | ✓ | ✓ |
| Rhamnus catharticus (Buckthorn)                       |  | ✓                                                                                            | -                        | ✓ | - |
| Rosa canina (Dog-rose)                                |  | ✓                                                                                            | ✓(1%)                    | ✓ | ✓ |
| Salix species (a Willow)                              |  | ✓                                                                                            | -                        | ✓ | - |
| Total - Schedule 3 species:                           |  | 11                                                                                           | 4                        | 7 | 6 |
| OTHER WOODY SPECIES                                   |  |                                                                                              |                          |   |   |
| None                                                  |  | -                                                                                            | -                        | - | - |
| Total - All Woody Species:                            |  | 11                                                                                           | 4                        | 7 | 6 |
| FEATURES                                              |  |                                                                                              |                          |   |   |
| Supporting bank or wall:                              |  | -                                                                                            |                          |   |   |
| Less than 10% gaps:                                   |  | ✓                                                                                            |                          |   |   |
| Standard trees:                                       |  | ✓                                                                                            |                          |   |   |
| Ditch for >50% of hedgerow length:                    |  | ✓                                                                                            |                          |   |   |
| Parallel hedge within 15m:                            |  | ✓                                                                                            |                          |   |   |
| Four or more connection points:                       |  | ✓(5)                                                                                         |                          |   |   |
| Connections:                                          |  | 3 hedge(s), 0 ponds(s) and 1 wood(s) = (5) points                                            |                          |   |   |
| Three or more Schedule 2 species:                     |  | ✓(5)                                                                                         |                          |   |   |
| Schedule 2 Species:                                   |  | Arum maculatum, Brachypodium sylvaticum, Bromopsis ramosa, primula vulgaris, Viola riviniana |                          |   |   |
| PHASE 1 DESCRIPTION                                   |  |                                                                                              |                          |   |   |
| A hedge similar to Target Note 317.                   |  |                                                                                              |                          |   |   |
| CONCLUSION                                            |  |                                                                                              |                          |   |   |
| Average Number of Schedule 3 Species per 30m Stretch: |  | 5.6699999999999999                                                                           |                          |   |   |
| Number of Features:                                   |  | 6                                                                                            |                          |   |   |
| Special Qualifying Species:                           |  | 0                                                                                            |                          |   |   |
| Threshold Altering Factors:                           |  | 0                                                                                            |                          |   |   |