Ashfield Land Management and Gazeley GLP Northampton s.à.r.l

Annex D: Hedgerow Survey Report

Rail Central

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RSK GENERAL NOTES

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EXECUTIVE SUMMARY

1. This report presents the results of hedge surveys carried out for Rail Central in 2016 at the Main SRFI Site, Northamptonshire (Ordnance Survey Grid reference: SP 733 544).

2. A Preliminary Ecological Appraisal in March 2016 identified hedges as a key habitat feature of the site.

3. A survey of 160 boundaries was carried out in July 2016 using methods adequate for evaluation of each hedge against criteria used for identifying Important Hedges in *The Hedgerows Regulations 1997*.

4. After dismissing boundaries with no hedges, woody vegetation no amounting to a hedge, and hedges that do not qualify for consideration under the Regulations, *e.g.* garden hedges, the remainder were mostly found to be relatively species-poor hedges dominated by *Crataegus monogyna* (Hawthorn) or occasionally by *Prunus spinosa* (Blackthorn) and *Ulmus procera* (English Elm).

5. 7 hedges were found to qualify as Important Hedges under the Regulations. A small number were very close to qualifying.

1 INTRODUCTION

Overview

This annex addresses the hedges of the survey area. Though documents such as *The Hedgerows Regulations 1997* fail to define what a hedge is, most definitions agree that a hedge is a line of woody plants managed – currently or historically - to form a stock-proof barrier. Defunct hedges are generally accepted to be those with significant gaps, so that they are no longer stock-proof, though they are still recognisable as hedges. Inevitably there comes a point where a hedge deteriorates into a few bushes remaining in a strip of grassland or brambles, or into a line of well-spaced mature trees, so that it no longer amounts to a hedge under any sensible definition.

Air photography was initially consulted to identify 160 boundaries on the site that might be hedges. All such boundaries were subsequently surveyed in the field, even though some turned out not be hedges, and some turned out not to be hedges that qualify for consideration under *The Hedgerows Regulations 1997*. The hedges were mostly surveyed in July 2016.

The hedges were surveyed using methods adequate to allow subsequent evaluation of each hedge individually under the criteria of *The Hedgerows Regulations 1997*, which identify Important Hedges according to their historical importance and biodiversity. These are not unrelated aspects of a hedge, because it is old hedges that are diverse in their assemblage of woody species and woodland herbs, and these in turn support enhanced assemblages of invertebrates, birds and mammals. A commonly cited rule-of-thumb called Hooper's Rule suggests that a hedge has one woody species for each century of its age, so a hedge with 9 or 10 species might date from the Norman Conquest.

Whether a hedge qualifies as an Important Hedge under *The Hedgerows Regulations 1997* is not pertinent to development so far as the provisions of the Regulations go. They protect only agricultural hedges against agricultural removal, and planning consent is over-riding. But whether or not a hedge qualifies as an Important Hedge is nevertheless - for the reasons set out in the preceding paragraph – a good measure of its nature conservation importance. In EIA it is a better measure than some other hedgerow evaluation systems such as 'HEGS' (Clements and Tofts 1992), because it centres on the relatively permanent qualities of a hedge – its species composition, hedge-bank, and connections to other hedges, woods and ponds – rather than features which can change in a day under ordinary agricultural management such as the manner of trimming and the frequency of small trees (<15 cm DBH), which are stressed in

HEGS, because that system was designed to assess hedges pursuant to improving their management of hedgerows for nature conservation.

The field survey data therefore allowed each of the 160 boundaries to be assigned to one of the field-layer categories:

- Important Hedges under *The Hedgerows Regulations 1997*.
- Borderline hedges, which might be upgradable to Important under abnormal survey effort (different things may for example be spotted in repeat surveys). We have assigned to this category hedges where finding 2 more woody species in the recorded stretches or accepting one more qualifying feature would suffice.
- Hedge that are not important under the Regulations;
- Hedges that do not qualify for consideration under the Regulations – mostly garden hedges which are excluded in the Regulations or fragments too small to assess.
- Boundaries carrying woody vegetation that cannot reasonably be regarded as a hedge – tree lines, scrub-edges, extremely defunct hedges *etc*.
- Boundaries with no hedge (mostly fences or grass strips).
- Boundaries with no access or outside the survey area.

Structure of this Report

The remainder of the report is structured as follows:

- *Section 2* describes the survey methods;
- *Section 3* summarises the results;
- *Section 4* details the evaluations and conclusions; and
- *Section 5* lists the documents referenced in this report;

Appendix A provides tables of information, one for each hedgerow.
Appendix B provides the figures.

2 METHODS

Field Survey Methods

Hedges were surveyed in detail using methods adequate to identify hedges that are Important Hedges under the ecological criteria used in the *Hedgerows Regulations 1997* (but not other criteria *e.g.* historical), which have not been considered in this report), and second to provide information for nature conservation evaluation. Under the *Regulations*, a hedgerow ends where it meets 'whether by intersection or junction' another hedgerow or feature such as a wood. A package of information was collected for each hedge (so defined) as follows:

- *A count of woody species in an average 30 m stretch of hedge*. Woody species were listed in 30 m sample stretches of a hedgerow – 1 stretch in hedges under 100 m, 2 in hedges between 100 m and 200 m, and 3 in hedges over 200 m. Sample stretch locations were chosen according to rules in the *Regulations*. Species listed under *Schedule 3* of the *Regulations* were used for computing the average number of species in a 30 m stretch, though other woody species were noted for nature conservation evaluation, *e.g. Acer pseudoplatanus* (Sycamore).

- *Hedge-features*. Hedge features in the *Regulations* were recorded as follows:
    - a bank or wall along 50% of the length of the hedge;
    - a ditch along 50% of the length;
    - gaps totalling less than 10% of the length;
    - one or more standard trees per 50 m of hedge;
    - a parallel hedge within 15 m;
    - three or more *Schedule 2* woodland herbs in the whole hedge; or
    - four or more connections (as defined in the *Regulations*) with other hedges, woods or ponds.

- *Special circumstances*. Some special features modify scores used for deciding whether a hedge is an Important Hedge, *e.g.* location in listed northern counties, presence of one of four special woody species, location adjacent to a footpath (among others). None applied here.

Interpretation of hedgerow data can be subject to ambiguities in the *Hedgerow Regulations 1997* that have not been tested in legal cases. A guidance note (Department of the Environment 1997) helps in some cases. In conformance

with the guidance note, only one species of *Rosa*, *Salix* or *Ulmus* has been counted in woody species totals (thus for example *Rosa arvensis* and *Rosa canina* count as one).

Under the *Regulations* a hedgerow is an Important Hedge if it complies with any of the following ecological criteria:

- it contains any species listed in *Part 1* of *Schedule 1*, *Schedule 5* or *Schedule 8* of the *Wildlife and Countryside Act 1981* or categorised as 'endangered', 'extinct', 'rare' or 'vulnerable' in any of the British Red Data Books;
- it contains any of the following;
    - seven or more *Schedule 3* woody species in an average 30 m stretch;
    - six *Schedule 3* woody species in an average 30 m stretch in conjunction with three or more hedgerow-features;
    - five *Schedule 3* woody species in an average 30 m stretch in conjunction with four or more hedgerow-features;
    - six or more *Schedule 3* woody species in an average 30 m stretch in conjunction with any one of four significant woody species as listed in the *Regulations*; or
- it is adjacent to a footpath, bridleway or byway, contains at least four woody species, and has two or more hedgerow features.

Hedges may also qualify on ecological grounds if they contain any birds categorised as a declining breeder (category 3) in 'Red Data Birds in Britain' 1990, but this cannot be determined from a single survey, and would usually apply where the fact is known from existing information sources. These criteria are applied in the hedgerow tables.

Hedges may qualify as Important Hedges on historical grounds as well as ecological grounds. Historical matters are not addressed here, and hedge appraisals in this report relate only to whether the hedges qualify as Important on ecological grounds.

The *Regulations* apply to agricultural hedges, but not to hedges in gardens or the grounds of premises, nor to such hedges even if they border agricultural land. The *Regulations* are intended for the control of hedgerow removals in connection with agriculture or other land management that bears no requirement for planning consent. They do not apply to hedgerow removals where planning permission has been granted. They have been used here primarily to identify hedges having high nature conservation value.

Further information collected for nature conservation evaluation purposes included hedge structure and current management, a list of all woody species in each assessed hedge, and a summary NVC communities at the base of the hedge (which were identified from experience).

Hedgerow evaluation systems tend to be reticent about what exactly constitutes a hedge. For example, is a line of trees a hedge? We assume a hedge to be a thin, linear stock-proof (or once stock-proof) barrier composed of sufficiently large woody plants – a definition similar to that used in the HEGS system, *i.e.* 'a line or narrow belt of closely-spaced shrubs, retained and/or managed so as to form a more-or-less continuous barrier'. On this basis, the boundaries of the site clearly have several hedges, but they also have an unusually high incidence of woody boundary vegetation features that doubtfully amount to hedges – wood edges, tree and scrub lines, short lengths of garden hedge alternating with fences, probable former hedges that are now more than 80% gap, and so on. Some of these we have assessed as if they were hedges even though they may not be what most people would call a hedge. Others we have rejected.

Taxonomic Considerations

The main component in most of the hedges of the survey area is ordinary *Crataegus monogyna* (Hawthorn), but the less common *Crataegus laevigata* (Midland Hawthorn) also occurs together with hybrids between the two. Although the hybrid *Crataegus ×media* (Hybrid Hawthorn) is not listed on *Schedule 3* of *The Hedgerows Regulations 1997*, it contains genetic contributions from *Crataegus laevigata* (Midland Hawthorn) and *Crataegus monogyna* (Hawthorn) both of which are. It is therefore treated here as a qualifying species. Almost all hedgerow hawthorn is to some extent hybrid (Byatt 1975, Stace, Preston & Pearman 2015), there being a small representation of *Crataegus laevigata* genes in typical hedgerow *Crataegus monogyna*, while *Crataegus laevigata* free of *Crataegus monogyna* genes is virtually unknown in the UK (possibly present in some woods but not in hedges). Where plants showing a predominance of *Crataegus laevigata* (Midland Hawthorn) characteristics are present in hedges there is usually – as in this case – a continuous gradation of forms from *Crataegus laevigata* (Midland Hawthorn) through *Crataegus ×media* (Hybrid Hawthorn) to *Crataegus monogyna* (Hawthorn), and there is often no foolproof way of deciding which side of these 'grey' species-boundaries particular plants fall, so that individual experts may reasonably record the same material differently. The important point is that in this study we have recognised plants with a noticeable element of *Crataegus laevigata* characteristics as being distinct from *Crataegus monogyna* (Hawthorn) and we have scored such plants accordingly; and whether we have assigned them to *Crataegus*

×*media* (Hybrid Hawthorn) or *Crataegus laevigata* (Midland Hawthorn) is a subjective and secondary matter of no substantial importance.

All mature trees of elm (*Ulmus* species) in the survey area have long since disappeared owing to Dutch Elm disease, but suckering elm remains as a significant component of the hedges, being the dominant species in some. Strictly speaking sucker in elm cannot be identified to species level (Stace 2010) since foliage from mature branches is required for this. The likelihood is that the ordinary hedgerow elms of the survey area are either *Ulmus minor* ssp. *minor* (Small-leaved Elm) or *Ulmus procera* (English Elm); both could be present. No attempt has been made to distinguish these taxa, and they have been recorded in the hedgerow tables as '*Ulmus* cf. *procera*'.

Recently planted hedges (post-1980) designed to look like old species-rich hedges (and also hedges enhanced for nature conservation by additional planting) often contain *Cornus australis* (Asian Dogwood) supplied by nurseries in place of the native species *Cornus sanguinea* (Dogwood). Though they are superficially very similar, the two can easily be distinguished (at least while in leaf), and they have been distinguished in the surveys reported here.

3 RESULTS

The data are presented in hedgerow tables in *Appendix A*.

4 EVALUATION AND CONCLUSIONS

Many hedges on the site are species-poor hedges of *Crataegus monogyna* (Hawthorn) with small amounts of *Sambucus nigra* (Elder). However, *Prunus spinosa* (Blackthorn) and *Ulmus procera* (English Elm) are dominant in some hedges and present in appreciable quantity (more than 10%) in many. Also present in small quantity in most or many of the hedges are *Fraxinus excelsior* (Ash), *Rosa canina* (Dog-rose), *Quercus robur* (Pedunculate Oak) and rather less commonly *Salix cinerea* ssp. *oleifolia* (Rusty Willow). Where hedges contain only these species they are seldom sufficiently species-rich in an average 30m-stretch to qualify as Important Hedges within the meaning of *The Hedgerows Regulations 1997* (except alongside PRoWs where lowered thresholds for qualification apply). In the western part of the site *Salix ×fragilis* (Crack Willow) occurs in some hedges. In the central part of the site west of Towcester Road, *Malus sylvestris* (Crab Apple) occurs in many hedges, as does a hybrid complex involving *Crataegus laevigata* (Midland Hawthorn) and *Crataegus ×media* (Hybrid Hawthorn); these species are more scattered elsewhere in the site. They tend to be indicators of more species-rich hedges, and additional species occasionally associated with them include *Acer campestre* (Field Maple), *Cornus sanguinea* (Dogwood), *Ligustrum vulgare* (Wild Privet) and *Rhamnus cathartica* (Buckthorn). These are typical of the few hedges on the site that do qualify as Important Hedges under the Regulations. Woody species that do not, under the Regulations qualify for estimating the number of woody species in a hedge are relatively few here, though *Acer pseudoplatanus* (Sycamore) and *Malus pumila* (Apple) are occasional in road hedges and in hedges bounding private properties. A few other species occur in just one or two hedges.

Most of the hedges are trimmed to a height of about 2 m but some have grown tall (to about 4 or 5 m). In grazed areas (especially the south-western corner of the site) these tall hedges are defunct with extensive grazed-out gaps between the stems of the bushes even though the crowns meet. But more generally the tall hedges are intact though few if any are species-rich.

Many of the hedges have ordinary farm-ditches, either wet or dry, but very few have appreciable banks, and those that do are mostly on half-banks that exist for reasons unconnected with the hedge (unlike for example ancient hedges on lynchets that have formed because the hedgerow has for centuries intercepted down-slope soil-creep on one side only).

A moderate proportion of the hedges (44%) contain mature standard trees, almost exclusively *Fraxinus excelsior* (Ash) and *Quercus robur* (Pedunculate Oak) though *Salix fragilis* (Crack Willow) also occurs in the eastern part of the site. A smaller proportion have more than an average of 1 per 50m (25%). A few hedges have coppiced *Fraxinus*

excelsior (Ash) or *Ulmus procera* (English Elm) re-sprouting after Dutch Elm Disease forming large numbers of small poles (which can be difficult to assess for tree-counting).

The status of hedges on the site is shown in *Figure D3.1*. Hedges that qualify as Important Hedges under *The Hedgerows Regulations 1997* are concentrated on either side of a short stretch of Towcester Road, and along one sinuous field boundary near the southern edge of the site just east of Towcester Road. These qualify primarily on account of their richness in woody species. There is also one plus a fragment west of Towcester Road. These qualify on account of having just sufficient species-richness together with a high number of qualifying features (ditches, high scores for connection points *etc.*).

At the hedge foot there is usually rough grassland dominated by by *Arrhenatherum elatius* (False Oat-grass) and *Dactylis glomerata* (Cock's-foot) together with *Urtica dioica* (Common Nettle) referable to the NVC type **MG1b *Arrhenatherum elatius* grassland, *Urtica dioica* sub-community** or – perhaps rather more commonly in the presence of *Rubus fruticosus* agg. (Bramble) – to **OV24b *Urtica dioica-Galium aparine* community, *Arrhenatherum elatius-Rubus fruticosus* sub-community**. These two NVC types intergrade and mostly this vegetation is intermediate between them. Woodland species are extremely scarce in the hedges of the site, even in those qualifying as Important Hedges under the Regulations; and in so far as there are any, only the commonest species are represented – mainly *Arum maculatum* (Lords-and-Ladies), *Brachypodium sylvaticum* (False Brome) and *Geum urbanum* (Wood Avens).

In the central part of the site east of Towcester Road, most of the hedges have been removed; and to the north of this area most are defunct, many to the extent that they can no longer be regarded as hedges under any reasonable definition of a hedge. Elsewhere a relatively intact hedgerow network has survived. However, there are almost no hedges on the railway and A43 boundaries of the site (where it looks from a distance a if there might be, it is almost always because of scrub adjacent to the boundary on railway or road embankments).

5 REFERENCES

Byatt, J.I. (1975). Hybridization between *Crataegus monogyna* Jacq. and *C. laeivigata* (Poiret) DC. in south-eastern England. *Watsonia*, **10**, 253-264.

Clements, D.K. & Tofts, R.J. (1992). *Hedgerow Evaluation and Grading System (HEGS).* Countryside Planning and Management.

Stace, C.A., Preston, C.D. & Pearman, D.A. (2015). *Hybrid Flora of the British Isles*. Botanical Society of Britain & Ireland, Bristol.

APPENDIX A: HEDGEROW TABLES

Boundaries 1 and 2 – no hedge – fences on rough grassland strips with at most occasional shrubs.
Boundaries 3 and 4 – no access

Hedge 5 – 127m – Not Important

***(a) WOODY SPECIES* - Schedule 3 species**

Whole hedge		**Stretch 1**	**Stretch 2**	**Stretch 3**
Crataegus monogyna 25%		-	✓	-
Fraxinus excelsior 5%		-	✓	-
Malus sylvestris 5%		-	-	-
Prunus spinosa 10%		✓	-	-
Salix caprea 40%		✓	✓	-
Sambucus nigra 5%		✓	✓	-
Ulmus cf. *glabra* 5%		-	-	-
Species not on schedule 3 and additional *Salix* species				
Acer platanoides <5%		✓	-	-
Cornus australis 5%		-	✓	-
Salix cinerea (included above)		-	-	-
Total – all species	10	4	5	-
Total – qualifying species	7	3	4	-

Average number of qualifying species per 30m stretch = 3.5

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 2 (hedges)

Standard trees (>1 per 50m) – No

Others – bank

Total number of qualifying features = 1

***(c) NOTES* - Field layer type.** OV24b 100%

Bank. Half bank, earth, unmanaged

Ditch. None or not notable

Verge. Side A 1-2m uncut

Fence. None or not notable

Integrity. Minor gaps

Management. None

Cross section. Overgrown and leggy

***(d) MODIFYING FACTORS* -** None

Hedge 6a– actual 140m (separated from 6b by gap >20m) – Not Important

***(a) WOODY SPECIES* - Schedule 3 species**

	Whole hedge	**Stretch 1**	**Stretch 2**	**Stretch 3**
	Cornus sanguinea <5%	-	✓	-
	Crataegus ×media 50%	-	✓	-
	Crataegus monogyna 30%	✓	✓	-
	Fraxinus excelsior <5%	-	-	-
	Prunus spinosa 10%	-	-	-
	Quercus robur <5%	-	✓	-
	Rosa canina 5%	✓	-	-
	Salix cinerea <5%	-	✓	-
	Sambucus nigra 5%	✓	✓	
	Ulmus cf. *procera* <5%	✓	-	-
Species not on schedule 3				
	Lycium barbarum	-	✓	-
Total – all species	11	4	7	-
Total – qualifying species	10	4	6	-

Average number of qualifying species per 30m stretch = 5

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 2 (hedges)

Standard trees (>1 per 50m) – No (2 *Quercus robur*)

Others – less than 10% gaps, ditch for >50%

Total number of qualifying features = 2

***(c) NOTES* - Field layer type.** OV24b 100%

Bank. None or not notable

Ditch. External, 0.5-1m wide, wet

Verge. Side A >2m uncut, Side B >2m uncut

Fence. None or not notable

Integrity. High

Management. 2-10 years, flailed or trimmed

Cross section. Unclipped

***(d) MODIFYING FACTORS* -** None

Hedge 6b– actual 60m (separated from 6a by gap >20m) – IMPORTANT (but 6a+6b Not important)

***(a) WOODY SPECIES* - Schedule 3 species**

	Whole hedge	Stretch 1	Stretch 2	Stretch 3
	Cornus sanguinea <5%	✓		
	Crataegus ×media <5%	✓	-	-
	Crataegus monogyna 90%	✓	-	-
	Malus sylvestris 5%	✓		
	Rhamnus cathartica	✓		
	Rosa canina <5%	✓	-	-
	Sambucus nigra <5%	✓	-	-
Species not on schedule 3				
	None			
Total – all species	7	7	-	-
Total – qualifying species	7	7	-	-

Average number of qualifying species per 30m stretch = 3

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 2 (hedges)

Standard trees (>1 per 50m) – No

Others – less than 10% gaps, ditch for >50%

Total number of qualifying features = 2

***(c) NOTES* - Field layer type.** OV24b 100%

Bank. None or not notable

Ditch. External, 0.5-1m wide at base, wet

Verge. Side A >2m uncut, Side B >2m uncut

Fence. None or not notable

Integrity. High

Management. 2-10 years, flailed or trimmed

Cross section. Unclipped

***(d) MODIFYING FACTORS* -** None

Hedge 7 – fragment too short to assess.

Hedge 8 – 166m – Not Important

***(a) WOODY SPECIES* - Schedule 3 species**

	Whole hedge	Stretch 1	Stretch 2	Stretch 3
	Crataegus laevigata <5%	-	✓	-
	Crataegus monogyna 95%	✓	✓	-
	Fraxinus excelsior <5%	-	-	-
	Prunus spinosa 5%	✓	-	-
	Sambucus nigra <5%	✓	✓	-
Species not on schedule 3				
	None			
Total – all species	5	3	3	-
Total – qualifying species	5	3	3	-

Average number of qualifying species per 30m stretch = 3

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 2 (hedges)

Standard trees (>1 per 50m) – No

Others – bank, less than 10% gaps

Total number of qualifying features = 2

***(c) NOTES* - Field layer type.** OV24b 100%

Bank. Hedge bank (shallow), earth, non-managed

Ditch. None or not notable

Verge. Side A 1-2m uncut

Fence. Security fence

Integrity. High

Management. 2-10 years, flailed or trimmed

Cross section. Overgrown and leggy

***(d) MODIFYING FACTORS* -** None

Hedge 9 – 285m – Not Important

***(a) WOODY SPECIES* - Schedule 3 species**

Whole hedge	Stretch 1	Stretch 2	Stretch 3
Cornus sanguinea <5%	✓	-	-
Crataegus laevigata <5%	-	✓	-
Crataegus monogyna 95%	✓	✓	✓
Rosa canina <5%	✓	✓	✓
Salix cinerea <5%	-	-	✓
Sambucus nigra 5%	✓	-	✓

Species not on schedule 3

None

Total – all species	6	4	3	4
Total – qualifying species	6	4	3	4

Average number of qualifying species per 30m stretch = 3.66

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 2 (hedges)

Standard trees (>1 per 50m) – No

Others – less than 10% gaps, ditch for >50%

Total number of qualifying features = 2

***(c) NOTES* - Field layer type.** OV24b 100%

Bank. None or not notable

Ditch. Internal, >1m wide at base, wet

Verge. Side A >2m uncut, Side B >2m uncut

Fence. None or not notable

Integrity. High

Management. 2-10 years, flailed or trimmed

Cross section. Clipped and dense

***(d) MODIFYING FACTORS* -** None

Hedges 10 and 11 – fragments too short to assess.

Hedge 12 – 250m – Not Important

***(a) WOODY SPECIES* - Schedule 3 species**

	Whole hedge	Stretch 1	Stretch 2	Stretch 3
	Crataegus laevigata 5%	-	-	-
	Crataegus monogyna 85%	✓	✓	✓
	Fraxinus excelsior <5%	✓	-	-
	Malus sylvestris <5%	-	-	-
	Prunus spinosa 5%	✓	✓	-
	Rosa canina <5%	-	✓	-
	Sambucus nigra 5%	✓	✓	✓
Species not on schedule 3				
	None			
Total – all species	7	4	4	2
Total – qualifying species	7	4	3	2

Average number of qualifying species per 30m stretch = 3

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 4 (hedges)

Standard trees (>1 per 50m) – No

Others – ditch for >50% (indistinct)

Total number of qualifying features = 1

***(c) NOTES* - Field layer type.** OV24b 100%

Bank. None or not notable

Ditch. External, >1m wide at base, dry

Verge. Side A >2m uncut, Side B >2m uncut

Fence. None or not notable

Integrity. Significant gaps

Management. 2-10 years, flailed or trimmed

Cross section. Unclipped

***(d) MODIFYING FACTORS* -** None

Boundaries 13 and 14 – no hedge – scrub on adjacent land abuts border.

Hedge 15 – 40m – Not Important

***(a) WOODY SPECIES* - Schedule 3 species**

	Whole hedge	**Stretch 1**	**Stretch 2**	**Stretch 3**
	Crataegus monogyna 40%	✓	-	-
	Prunus spinosa 60%	✓	-	-
	Rosa canina <5%	✓	-	-
	Sambucus nigra <5%	✓	-	-
Species not on schedule 3				
	None			
Total – all species	4	4	-	-
Total – qualifying species	4	4	-	-

Average number of qualifying species per 30m stretch = 4

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 2 (hedges)

Standard trees (>1 per 50m) – No

Others – less than 10% gaps, ditch for >50%

Total number of qualifying features = 2

***(c) NOTES* - Field layer type.** OV24b 100%

Bank. None or not notable

Ditch. Internal, 0.5-1m wide at base, wet

Verge. Side A >2m uncut

Fence. None or not notable

Integrity. High

Management. 2-10 years, flailed or trimmed

Cross section. Clipped and dense

***(d) MODIFYING FACTORS* -** None

Hedge 16 – 69m – Not Important

***(a) WOODY SPECIES* - Schedule 3 species**

	Whole hedge	Stretch 1	Stretch 2	Stretch 3
	Crataegus monogyna 100%	✓	-	-
	Malus sylvestris <5%	✓	-	-
	Sambucus nigra <5%	-	-	-
Species not on schedule 3				
	None			
Total – all species	3	2	-	-
Total – qualifying species	3	2	-	-

Average number of qualifying species per 30m stretch = 2

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 4 (2 hedges, 1 wood)

Standard trees (>1 per 50m) – No

Others – less than 10% gaps, ditch for >50%

Total number of qualifying features = 3

***(c) NOTES* - Field layer type.** OV24a 20%, semi-improved grassland 80%

Bank. None or not notable

Ditch. Internal, 0.5-1m wide at base, wet

Verge. Side A <1m grazed, Side B <1m grazed

Fence. None or not notable

Integrity. High

Management. 2-10 years, flailed or trimmed

Cross section. Unclipped

***(d) MODIFYING FACTORS* -** None

Boundaries 17 and 18 – no hedge – adjacent road-planting shrubs and trees overhang fence.

Hedge 19 – 34m – Not Important				
***(a) WOODY SPECIES* - Schedule 3 species**				
	Whole hedge	**Stretch 1**	**Stretch 2**	**Stretch 3**
	Crataegus monogyna 90%	✓	-	-
Species not on schedule 3				
	None			
Total – all species	1	1	-	-
Total – qualifying species	1	1	-	-
Average number of qualifying species per 30m stretch = 1				
***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.				
Number of connection points – 3 (hedges)				
Standard trees (>1 per 50m) – No				
Others – less than 10% gaps				
Total number of qualifying features = 1				
***(c) NOTES* - Field layer type.** MG1b 100%				
Bank. None or not notable				
Ditch. None or not notable				
Verge. Side A >2m cut				
Fence. None or not notable				
Integrity. High				
Management. 2-10 years, flailed or trimmed				
Cross section. Clipped and dense				
(d) MODIFYING FACTORS – Canal towpath PRoW				

Hedge 20 – Actual 60m (bushes on old railway embankment not part of hedge) – Not Important

***(a) WOODY SPECIES* - Schedule 3 species**

	Whole hedge	Stretch 1	Stretch 2	Stretch 3
	Crataegus monogyna 1000%	✓	-	-
	Sambucus nigra <5%	✓	-	-
Species not on schedule 3				
	None			
Total – all species	2	1	-	-
Total – qualifying species	2	1	-	-

Average number of qualifying species per 30m stretch = 2

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 1 (hedge)

Standard trees (>1 per 50m) – No

Others – less than 10% gaps

Total number of qualifying features = 1

***(c) NOTES* - Field layer type.** MG1b 100%

Bank. None or not notable

Ditch. None or not notable

Verge. Side A canal towpath

Fence. None or not notable

Integrity. High

Management. Under 2, flailed or trimmed

Cross section. Clipped and dense

(d) MODIFYING FACTORS – Canal towpath PRoW

Hedge 21 – 197m – Not Important

***(a) WOODY SPECIES* - Schedule 3 species**

	Whole hedge	Stretch 1	Stretch 2	Stretch 3
	Crataegus monogyna 100%	✓	✓	-
	Rosa canina <5%	-	✓	-
	Sambucus nigra <%	-	-	-
Species not on schedule 3				
	Prunus cerasifera <5%	✓	-	-
Total – all species	4	2	2	-
Total – qualifying species	3	1	2	-

Average number of qualifying species per 30m stretch = 1.5

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** *Brachypodium sylvaticum* (1).

Number of connection points – 4 (2 hedges, 1 wood)

Standard trees (>1 per 50m) – No

Others – ditch for >50% [doubtfully less than 10% gaps – true only above 2.5m)

Total number of qualifying features = 2

***(c) NOTES* - Field layer type.** OV24b 20%, semi-improved grassland 80%

Bank. None or not notable

Ditch. Internal, 0.5-1m wide at base, dry

Verge. Side A 1-2m grazed

Fence. None or not notable

Integrity. Significantly leggy

Management. None

Cross section. Overgrown and leggy

***(d) MODIFYING FACTORS* -** None

Hedge 22– 201m – Not Important (borderline owing to PRoW)

***(a) WOODY SPECIES* - Schedule 3 species**

Whole hedge	**Stretch 1**	**Stretch 2**	**Stretch 3**
Crataegus monogyna 70%	✓	✓	✓
Fraxinus excelsior <5%	-	✓	-
Prunus spinosa <5%	-	✓	✓
Rosa canina <5%	-	-	✓
Sambucus nigra <5%	✓	-	-
Ulmus cf. *procera* 30%	-	-	✓

Species not on schedule 3

None

Total – all species	6	2	3	4
Total – qualifying species	6	2	3	4

Average number of qualifying species per 30m stretch = 3

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** *Brachypodium sylvaticum* (1).

Number of connection points – 4 (hedges)

Standard trees (>1 per 50m) – No (2 *Fraxinus excelsior*)

Others – bank, less than 10% gaps

Total number of qualifying features = 3

***(c) NOTES* - Field layer type.** MG1a 50%, MG1b 50%

Bank. Hedge bank, earth, non-managed

Ditch. None or not notable

Verge. Side A canal towpath

Fence. None or not notable

Integrity. High

Management. <2 years, flailed or trimmed

Cross section. Clipped and dense

(d) MODIFYING FACTORS – Canal towpath PRoW

Hedge 23 – Actual 180m – Not Important

***(a) WOODY SPECIES* - Schedule 3 species**

Whole hedge		**Stretch 1**	**Stretch 2**	**Stretch 3**
Crataegus monogyna 90%		✓	✓	-
Malus sylvestris <5%		✓	-	-
Salix cinerea 10%		✓	-	-
Sambucus nigra <5%		-	✓	-
Ulmus cf. *procera* <5%		✓	-	-
Species not on schedule 3				
None				
Total – all species	5	4	2	-
Total – qualifying species	5	4	2	-

Average number of qualifying species per 30m stretch = 3

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** *Dryopteris filix-mas* (1).

Number of connection points – 2 (hedges – does not connect to 19 and 22)

Standard trees (>1 per 50m) – No

Others – ditch for >50%

Total number of qualifying features = 1

***(c) NOTES* - Field layer type.** OV24b 50%, semi-improved grassland 50%

Bank. None or not notable

Ditch. Internal, 0.5-1m wide at base, wet

Verge. Side A 1-2m grazed, Side B 1-2m grazed

Fence. None or not notable

Integrity. Significantly leggy

Management. None

Cross section. Overgrown and leggy

***(d) MODIFYING FACTORS* -** None

Hedge 24 – 99m – Not Important

***(a) WOODY SPECIES* - Schedule 3 species**

	Whole hedge	Stretch 1	Stretch 2	Stretch 3
	Crataegus monogyna 85%	✓	-	-
	Rosa canina <5%	✓	-	-
	Salix cinerea 10%	✓	-	-
	Ulmus cf. *procera* 5%	✓	-	-
Species not on schedule 3				
	None			
Total – all species	4	4	-	-
Total – qualifying species	4	4	-	-

Average number of qualifying species per 30m stretch = 4

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** *Brachypodium sylvaticum*, *Dryopteris filix-mas* (2)

Number of connection points – 3 (hedges)

Standard trees (>1 per 50m) – No

Others – ditch for >50%

Total number of qualifying features = 1

***(c) NOTES* - Field layer type.** MG1b 50%, semi-improved grassland 50%

Bank. None or not notable

Ditch. Internal, 0.5-1m wide at base, wet

Verge. Side A 1-2m grazed

Fence. None or not notable

Integrity. High

Management. 2-10 years, flailed or trimmed

Cross section. Clipped and dense

***(d) MODIFYING FACTORS* -** None

Hedge 25 – 262m – Not Important

***(a) WOODY SPECIES* - Schedule 3 species**

Whole hedge		Stretch 1	Stretch 2	Stretch 3
Crataegus laevigata 5%		-	-	✓
Crataegus monogyna 85%		✓	✓	✓
Malus sylvestris <5%		✓	-	-
Prunus spinosa <5%		✓	✓	-
Salix cinerea <5%		-	-	-
Sambucus nigra 5%		-	✓	✓
Ulmus cf. *procera* 10%		✓	-	✓
Species not on schedule 3				
None				
Total – all species	7	4	3	4
Total – qualifying species	7	4	3	4

Average number of qualifying species per 30m stretch = 3.66

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** *Bromopsis ramosa* (1).

Number of connection points – 4 (hedges)

Standard trees (>1 per 50m) – No

Others – ditch for >50%

Total number of qualifying features = 2

***(c) NOTES* - Field layer type.** OV24b 100%

Bank. None or not notable

Ditch. Internal, 0.5-1m wide at base, wet

Verge. Side A >2m uncut, Side B 1-2m uncut

Fence. Wire-strand 0.6-1.2m high

Integrity. Significant gaps

Management. None

Cross section. Overgrown and leggy

***(d) MODIFYING FACTORS* -** None

Hedge 26 – 88m – Not Important

***(a) WOODY SPECIES* - Schedule 3 species**

	Whole hedge	Stretch 1	Stretch 2	Stretch 3
Acer campestre <5%		-	-	-
Cornus sanguinea <5%		-	-	-
Crataegus monogyna 75%		✓	-	-
Fraxinus excelsior <5%		✓	-	-
Malus sylvestris 10%		✓	-	-
Prunus spinosa 5%		✓	-	-
Sambucus nigra <5%		-	-	-
Ulmus cf. *procera* 10%		✓	-	-
Species not on schedule 3				
None				
Total – all species	8	5	-	-
Total – qualifying species	5	5	-	-

Average number of qualifying species per 30m stretch = 5

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 3 (hedges)

Standard trees (>1 per 50m) – No

Others – less than 10% gaps, ditch for >50%

Total number of qualifying features =2

***(c) NOTES* - Field layer type.** OV24b 100%

Bank. None or not notable

Ditch. External, 0.5-1m wide at base, wet

Verge. Side A >2m uncut, Side B 1-2m uncut

Fence. None or not notable

Integrity. Minor gaps

Management. 2-10 years, flailed or trimmed

Cross section. Unclipped

***(d) MODIFYING FACTORS* -** None

Hedge 27– 69m – Not Important				
***(a) WOODY SPECIES* - Schedule 3 species**				
	Whole hedge	**Stretch 1**	**Stretch 2**	**Stretch 3**
	Crataegus monogyna 100%	✓	-	-
Species not on schedule 3				
	None			
Total – all species	1	1	-	-
Total – qualifying species	1	1	-	-
Average number of qualifying species per 30m stretch = 1				
***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.				
Number of connection points – 4 (hedges)				
Standard trees (>1 per 50m) – No				
Others – less than 10% gaps, ditch for >50%				
Total number of qualifying features = 3				
***(c) NOTES* - Field layer type.** OV24b 100%				
Bank. None or not notable				
Ditch. Internal, 0.5-1m wide at base, wet				
Verge. Side A 1-2m uncut, Side B 1-2m uncut				
Fence. Wire-netting 0.6-1.2m high				
Integrity. High				
Management. 2-10 years, flailed or trimmed				
Cross section. Unclipped				
***(d) MODIFYING FACTORS* -** None				

Hedge 28 – 321m – Not Important

***(a) WOODY SPECIES* - Schedule 3 species**

	Whole hedge	**Stretch 1**	**Stretch 2**	**Stretch 3**
	Cornus sanguinea <5%	✓	-	-
	Crataegus laevigata <5%	-	-	✓
	Crataegus monogyna 80%	✓	✓	✓
	Fraxinus excelsior <5%	-	-	-
	Prunus spinosa 20%	✓	✓	-
	Rosa canina <5%	-	-	-
	Salix cinerea <5%	✓	-	-
	Sambucus nigra <5%	✓	✓	✓
	Ulmus cf. *procera* <5%	-	-	-
Species not on schedule 3				
	None			
Total – all species	9	5	3	3
Total – qualifying species	9	5	3	3

Average number of qualifying species per 30m stretch = 3.66

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 2 (hedges – does not connect to 34)

Standard trees (>1 per 50m) – No (1 *Fraxinus excelsior*)

Others – ditch for >50%

Total number of qualifying features = 1

***(c) NOTES* - Field layer type.** OV24b 100%

Bank. None or not notable

Ditch. Internal, 0.5-1m wide at base, wet

Verge. Side A >2m part cut, Side B 1-2m uncut

Fence. None or not notable

Integrity. Minor gaps

Management. 2-10 years, flailed or trimmed

Cross section. Clipped and dense

***(d) MODIFYING FACTORS* -** None

Hedge 29 – 273m – Not Important

***(a) WOODY SPECIES* - Schedule 3 species**

	Whole hedge	Stretch 1	Stretch 2	Stretch 3
	Crataegus ×media	-	-	✓
	Crataegus monogyna 90%	✓	✓	✓
	Fraxinus excelsior <5%	-	-	-
	Malus sylvestris <5%	-	-	-
	Prunus spinosa 10%	-	✓	✓
	Rosa canina <5%	-	-	-
	Sambucus nigra <5%	✓	✓	-
Species not on schedule 3				
	None			
Total – all species	7	2	3	3
Total – qualifying species	7	2	3	3

Average number of qualifying species per 30m stretch = 2.66

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 4 (hedges)

Standard trees (>1 per 50m) – No (1 *Fraxinus excelsior*)

Others – ditch for >50%

Total number of qualifying features = 2

***(c) NOTES* - Field layer type.** OV24b 100%

Bank. None or not notable

Ditch. Internal, 0.5-1m wide at base, wet

Verge. Side A 1-2m uncut, Side B 1-2m uncut

Fence. Wire-netting or strand, 0.6-2m high

Integrity. Minor gaps

Management. 2-10 years, flailed or trimmed

Cross section. Unclipped

***(d) MODIFYING FACTORS* -** None

Hedge 30 – 42m – Not Important				
***(a) WOODY SPECIES* - Schedule 3 species**				
	Whole hedge	**Stretch 1**	**Stretch 2**	**Stretch 3**
	Crataegus laevigata 10%	✓	-	-
	Crataegus monogyna 85%	✓	-	-
	Sambucus nigra <5%	✓	-	-
	Ulmus cf. *procera* 5%	✓	-	-
Species not on schedule 3				
	None			
Total – all species	4	4	-	-
Total – qualifying species	4	4	-	-
Average number of qualifying species per 30m stretch = 4				
***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.				
Number of connection points – 4 (hedges)				
Standard trees (>1 per 50m) – No				
Others – less than 10% gaps				
Total number of qualifying features = 2				
***(c) NOTES* - Field layer type.** OV24a 100%				
Bank. None or not notable				
Ditch. None or not notable				
Verge. Side A <1m uncut				
Fence. None or not notable				
Integrity. Minor gaps				
Management. 2-10 years, flailed or trimmed				
Cross section. Overgrown and leggy				
***(d) MODIFYING FACTORS* -** None				

Hedge 31 – 121m – Not Important

***(a) WOODY SPECIES* - Schedule 3 species**

	Whole hedge	Stretch 1	Stretch 2	Stretch 3
	Crataegus monogyna 95%	✓	✓	-
	Fraxinus excelsior <5%	-	-	-
	Prunus spinosa <5%	✓	-	-
	Rosa canina <5%	-	-	-
	Sambucus nigra <5%	-	✓	
	Ulmus cf. *procera* 5%	-	-	-
Species not on schedule 3				
	None			
Total – all species	6	2	2	-
Total – qualifying species	6	2	2	-

Average number of qualifying species per 30m stretch = 2

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 3 (hedges)

Standard trees (>1 per 50m) – No (1 *Fraxinus excelsior*)

Others – less than 10% gaps

Total number of qualifying features = 1

***(c) NOTES* - Field layer type.** MG1b 20%, mixed *Alliaria-Anthriscus* tall-herb 80%

Bank. None or not notable

Ditch. None or not notable

Verge. Canal towpath

Fence. None or not notable

Integrity. High

Management. <2 years, flailed or trimmed

Cross section. Clipped and dense

(d) MODIFYING FACTORS – Canal towpath PRoW

Hedge 32 – 340m – Not Important

***(a) WOODY SPECIES* - Schedule 3 species**

	Whole hedge	Stretch 1	Stretch 2	Stretch 3
	Crataegus laevigata <5%	-	-	✓
	Crataegus monogyna 95%	✓	✓	✓
	Fraxinus excelsior 5%	✓	-	✓
	Sambucus nigra <5%	-	✓	-
Species not on schedule 3				
	None			
Total – all species	4	2	2	3
Total – qualifying species	4	2	2	3

Average number of qualifying species per 30m stretch = 2.33

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 4 (2 hedges, 1 wood)

Standard trees (>1 per 50m) – No (2 *Fraxinus excelsior*)

Others – none

Total number of qualifying features = 1

***(c) NOTES* - Field layer type.** OV24b 100%

Bank. None or not notable

Ditch. None or not notable

Verge. Side A 1-2m uncut, Side B 1-2m uncut

Fence. Wire-netting or strand, 0.6-2m high

Integrity. Minor gaps

Management. None

Cross section. Overgrown and leggy

***(d) MODIFYING FACTORS* -** None

Boundary 33 – bushes and small trees not organised into a hedge, as Boundary 34

Boundary 34 – 274m – Not a hedge – scrub edge

***(a) WOODY SPECIES* - Schedule 3 species**

	Whole hedge	Stretch 1	Stretch 2	Stretch 3
	Acer campestre <5%	-	-	✓
	Corylus avellana 5%	✓	-	✓
	Crataegus laevigata 5%	-	-	✓
	Crataegus monogyna 50%	✓	✓	✓
	Fraxinus excelsior 10%	✓	✓	✓
	Prunus spinosa <5%	✓	-	-
	Salix cinerea 25%	✓	✓	-
	Sambucus nigra 10%	✓	✓	✓
	Viburnum opulus <5%	-	-	-
Species not on schedule 3 and additional *Salix* species				
	Acer pseudoplatanus <5%	✓	-	-
	Salix fragilis (included above)	-	-	-
Total – all species	9	7	4	6
Total – qualifying species	11	6	4	6

Average number of qualifying species per 30m stretch = 5.33

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** *Brachypodium sylvaticum*, *Bromopsis ramosa*, *Geranium robertianum*, *Geum urbanum* (4)

Number of connection points – 3 (hedges – does not connect to 28)

Standard trees (>1 per 50m) – No (1 *Fraxinus excelsior*)

Others – ditch for >50%

Total number of qualifying features = 2

***(c) NOTES* - Field layer type.** OV24b 100%

Bank. None or not notable

Ditch. External, >1m wide at base, wet

Verge. Side A >2m part cut

Fence. None or not notable

Integrity. Significant gaps

Management. None

Cross section. Overgrown and leggy

***(d) MODIFYING FACTORS* -** None

Hedge 35 – 39m – Not Important

***(a) WOODY SPECIES* - Schedule 3 species**

	Whole hedge	Stretch 1	Stretch 2	Stretch 3
	Crataegus monogyna 45%	✓	-	-
	Malus sylvestris 5%	✓	-	-
	Rosa canina <5%	✓	-	-
	Salix cinerea 40%	✓	-	-
	Sambucus nigra 10%	✓	-	-
Species not on schedule 3				
	None			
Total – all species	5	5	-	-
Total – qualifying species	5	5	-	-

Average number of qualifying species per 30m stretch = 5

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** *Bromopsis ramosa* (1).

Number of connection points – 3 (hedges, does not connect to 28)

Standard trees (>1 per 50m) – No

Others – ditch for >50%

Total number of qualifying features = 1

***(c) NOTES* - Field layer type.** OV24b 100%

Bank. None or not notable

Ditch. External, 0.5-1m wide at base, wet

Verge. Side A >2m part cut

Fence. None or not notable

Integrity. Significant gaps

Management. None

Cross section. Overgrown and leggy

***(d) MODIFYING FACTORS* -** None

Hedge 36 – actual 180m – Not Important (recently planted?)

***(a) WOODY SPECIES* - Schedule 3 species**

	Whole hedge	Stretch 1	Stretch 2	Stretch 3
	Acer campestre 5%	-	✓	-
	Corylus avellana <5%	✓	-	-
	Crataegus monogyna 90%	✓	✓	-
	Rosa canina <5%	✓	✓	-
	Salix cf. ×*reichardtii* <5%	✓	-	-
	Sambucus nigra 5%	✓	✓	-
Species not on schedule 3				
	None			
Total – all species	6	5	4	-
Total – qualifying species	6	5	4	-

Average number of qualifying species per 30m stretch = 4.5

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** *Arum maculatum* (1).

Number of connection points – 1 (hedge)

Standard trees (>1 per 50m) – No

Others – bank

Total number of qualifying features = 1

***(c) NOTES* - Field layer type.** OV24b 100%

Bank. Hedge bank, earth, non-managed

Ditch. None or not notable

Verge. Side A >1m uncut

Fence. None or not notable

Integrity. Significant gaps

Management. None

Cross section. Unclipped

***(d) MODIFYING FACTORS* -** None

Hedge 37 – 101m – IMPORTANT

***(a) WOODY SPECIES* - Schedule 3 species**

Whole hedge		**Stretch 1**	**Stretch 2**	**Stretch 3**
Acer campestre 10%		-	✓	-
Cornus sanguinea 5%		-	✓	-
Crataegus laevigata 5%		-	✓	-
Crataegus monogyna 60%		✓	✓	-
Fraxinus excelsior 5%		✓	✓	-
Ligustrum vulgare 5%		✓	✓	-
Malus sylvestris 5%		✓	-	-
Prunus spinosa 10%		✓	✓	-
Rosa canina <5%		✓	-	-
Sambucus nigra 5%		✓	-	-
Species not on schedule 3				
None				
Total – all species	10	7	7	-
Total – qualifying species	10	7	7	-

Average number of qualifying species per 30m stretch = 7

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** *Arum maculatum* (1)

Number of connection points – 3 (hedges)

Standard trees (>1 per 50m) – No

Others – less than 10% gaps, ditch for >50%, parallel hedge

Total number of qualifying features = 3

***(c) NOTES* - Field layer type.** MG1b 100% (road side), OV24b 100% (field side)

Bank. None or not notable

Ditch. External, 0.5-1m wide at base, dry

Verge. Side A 1-2m uncut, Side B >2m uncut,

Fence. None or not notable

Integrity. High

Management. 2-10 years, flailed or trimmed

Cross section. Clipped and dense, locally unclipped

***(d) MODIFYING FACTORS* -** None

Hedge 38 – 97m – IMPORTANT

***(a) WOODY SPECIES* - Schedule 3 species**

	Whole hedge	Stretch 1	Stretch 2	Stretch 3
	Acer campestre <5%	-	-	-
	Crataegus monogyna 90%	✓	-	-
	Fraxinus excelsior 5%	✓	-	-
	Ligustrum vulgare 5%	✓	-	-
	Malus sylvestris 5%	✓	-	-
	Prunus spinosa 10%	✓	-	-
	Rosa canina <5%	✓	-	-
	Sambucus nigra 5%	✓	-	-
Species not on schedule 3				
	None			
Total – all species	8	7	-	-
Total – qualifying species	8	7	-	-

Average number of qualifying species per 30m stretch = 7

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 3 (hedges)

Standard trees (>1 per 50m) – No

Others – less than 10% gaps, ditch for >50%, parallel hedge

Total number of qualifying features = 3

***(c) NOTES* - Field layer type.** OV24b 100%

Bank. None or not notable

Ditch. External, 0.5-1m wide at base, dry

Verge. Side A 1-2m part cut, Side B >2m uncut,

Fence. None or not notable

Integrity. High

Management. 2-10 years, flailed or trimmed

Cross section. Unclipped

***(d) MODIFYING FACTORS* -** None

Hedge 39 – 242m – Not Important

***(a) WOODY SPECIES* - Schedule 3 species**

	Whole hedge	Stretch 1	Stretch 2	Stretch 3
	Crataegus laevigata 5%	-	-	-
	Crataegus monogyna 20%	✓	✓	✓
	Prunus spinosa 80%	✓	✓	✓
	Rosa canina <5%	-	-	-
	Sambucus nigra <5%			
	Ulmus cf. *procera* <5%	✓	-	-
Species not on schedule 3				
	None			
Total – all species	6	3	2	2
Total – qualifying species	6	3	2	2

Average number of qualifying species per 30m stretch = 2.33 More species-rich in 20m adjacent to road

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 4 (hedges)

Standard trees (>1 per 50m) – No

Others – less than 10% gaps

Total number of qualifying features = 2

***(c) NOTES* - Field layer type.** OV24b 100%

Bank. None or not notable

Ditch. None or not notable

Verge. Side A 1-2m cut

Fence. None or not notable

Integrity. High

Management. 2-10 years, flailed or trimmed

Cross section. Unclipped

***(d) MODIFYING FACTORS* -** None

Hedge 40 – 109m – Not Important

***(a) WOODY SPECIES* - Schedule 3 species**

	Whole hedge	Stretch 1	Stretch 2	Stretch 3
	Acer campestre 10%	✓	✓	-
	Crataegus monogyna 80%	✓	✓	-
	Malus sylvestris <5%	-	✓	-
	Prunus spinosa 5%	-	✓	-
	Salix cinerea <5%	✓	-	-
	Sambucus nigra 5%	✓	✓	-
	Ulmus cf. *procera* <5%	✓	-	-
Species not on schedule 3				
	None			
Total – all species	7	5	5	-
Total – qualifying species	7	5	5	-

Average number of qualifying species per 30m stretch = 5

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 4 (hedges)

Standard trees (>1 per 50m) – No

Others – less than 10% gaps, ditch for >50%

Total number of qualifying features = 3

***(c) NOTES* - Field layer type.** OV24b 100%

Bank. None or not notable

Ditch. External, 0.5-1m wide at base, wet

Verge. Side A >2m part cut, Side B 1-2m uncut

Fence. None or not notable

Integrity. High

Management. 2-10 years, flailed or trimmed

Cross section. Unclipped and dense

***(d) MODIFYING FACTORS* -** None

Hedge 41 – 191m – Not Important

***(a) WOODY SPECIES* - Schedule 3 species**

Whole hedge		**Stretch 1**	**Stretch 2**	**Stretch 3**
Crataegus monogyna 80%		✓	✓	-
Prunus spinosa <5%		✓	-	-
Salix cinerea 10%		-	✓	-
Ulmus cf. *procera* 10%		-	✓	-
Species not on schedule 3 and additional *Salix* species				
Salix cf. ×*smithiana*		-	✓	
Total – all species	4	2	4	-
Total – qualifying species	4	2	3	-

Average number of qualifying species per 30m stretch = 2.5

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 3 (hedges – does not connect to 65)

Standard trees (>1 per 50m) – No

Others – ditch for >50%

Total number of qualifying features = 1

***(c) NOTES* - Field layer type.** OV24b 100%

Bank. None or not notable

Ditch. External, 0.5-1m wide at base, wet

Verge. Side A >2m part cut, Side B 1-2m uncut

Fence. None or not notable

Integrity. Significant gaps

Management. 2-10 years, flailed or trimmed

Cross section. Unclipped

***(d) MODIFYING FACTORS* -** None

Hedge 42 – 254m – Not Important

***(a) WOODY SPECIES* - Schedule 3 species**

Whole hedge	**Stretch 1**	**Stretch 2**	**Stretch 3**
Cornus sanguinea <5%	-	✓	-
Crataegus monogyna 90%	✓	✓	✓
Fraxinus excelsior <5%	✓	✓	-
Malus sylvestris <5%		-	-
Prunus spinosa 5%	✓	-	✓
Rosa canina <5%	✓	-	-
Salix cf. ×*smithiana* <5%	-	-	-
Sambucus nigra <5%	-	✓	✓
Ulmus cf. *procera* 5%	-	-	-

Species not on schedule 3

None

Total – all species	9	4	4	3
Total – qualifying species	9	4	4	3

Average number of qualifying species per 30m stretch = 3.66

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 5 (hedges)

Standard trees (>1 per 50m) – No

Others – ditch for >50%

Total number of qualifying features = 1

***(c) NOTES* - Field layer type.** OV24b 100%

Bank. None or not notable

Ditch. External, 0.5-1m wide at base, wet

Verge. Side A >2m part cut, Side B 1-2m uncut

Fence. None or not notable

Integrity. Significant gaps

Management. 2-10 years, flailed or trimmed

Cross section. Unclipped

***(d) MODIFYING FACTORS* -** None

Hedge 43 –38m – Not Important

***(a) WOODY SPECIES* - Schedule 3 species**

	Whole hedge	Stretch 1	Stretch 2	Stretch 3
	Crataegus monogyna 60%	✓	-	-
	Malus sylvestris 35%	✓	-	-
	Sambucus nigra 5%	✓	-	-
Species not on schedule 3				
	None			
Total – all species	3	3	-	-
Total – qualifying species	3	3	-	-

Average number of qualifying species per 30m stretch = 3

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 3 (hedges)

Standard trees (>1 per 50m) – No

Others – less than 10% gaps, ditch for >50%

Total number of qualifying features = 2

***(c) NOTES* - Field layer type.** OV24b 100%

Bank. None or not notable

Ditch. External, 0.5-1m wide at base, wet

Verge. Side A >2m uncut, Side B 1-2m uncut

Fence. None or not notable

Integrity. Minor gaps

Management. 2-10 years, flailed or trimmed

Cross section. Unclipped

***(d) MODIFYING FACTORS* -** None

Hedge 44 – 152m – IMPORTANT

***(a) WOODY SPECIES* - Schedule 3 species**

	Whole hedge	Stretch 1	Stretch 2	Stretch 3
	Cornus sanguinea <5%	-	✓	-
	Crataegus monogyna 65%	✓	✓	-
	Fraxinus excelsior 5%	✓	✓	-
	Malus sylvestris 10%	-	✓	-
	Prunus spinosa <5%	-	-	-
	Quercus robur <5%			-
	Sambucus nigra <5%	✓	✓	-
	Rosa canina 5%	✓	✓	-
	Ulmus cf. *procera* 15%	-	✓	-
Species not on schedule 3				
	None			
Total – all species	9	4	7	3
Total – qualifying species	9	4	7	3

Average number of qualifying species per 30m stretch = 5.5

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 4 (hedges)

Standard trees (>1 per 50m) – Yes (4 *Fraxinus excelsior*, 1 *Quercus robur*)

Others – less than 10% gaps, ditch for >50%

Total number of qualifying features = 4

***(c) NOTES* - Field layer type.** OV24b 100%

Bank. None or not notable

Ditch. External, 0.5-1m wide at base, wet

Verge. Side A 1-2m uncut, Side B 1-2m uncut

Fence. None or not notable

Integrity. Minor gaps

Management. 2-10 years, flailed or trimmed

Cross section. Unclipped

***(d) MODIFYING FACTORS* -** None

Hedge 45 – 307m – Not Important

***(a) WOODY SPECIES* - Schedule 3 species**

Whole hedge		**Stretch 1**	**Stretch 2**	**Stretch 3**
Crataegus monogyna 80%		✓	✓	✓
Fraxinus excelsior <5%		-	-	-
Malus sylvestris 5%		-	-	-
Prunus spinosa 5%		-	-	-
Quercus robur <5%		-	-	-
Rosa canina <5%		✓	-	-
Sambucus nigra 5%		✓	-	✓
Ulmus cf. *procera* 5%		-	✓	-
Species not on schedule 3				
None				
Total – all species	5	3	2	2
Total – qualifying species	5	3	2	2

Average number of qualifying species per 30m stretch = 2.33

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 4 (hedges)

Standard trees (>1 per 50m) – No (1 *Quercus robur*)

Others – less than 10% gaps, ditch for >50%

Total number of qualifying features = 3

***(c) NOTES* - Field layer type.** OV24b 100%

Bank. None or not notable

Ditch. External, 0.5-1m wide at base, wet

Verge. Side A 1-2m uncut, Side B 1-2m uncut

Fence. None or not notable

Integrity. Minor gaps

Management. 2-10 years, flailed or trimmed

Cross section. Unclipped

***(d) MODIFYING FACTORS* -** None

Hedge 46 – 138m – Not Important

***(a) WOODY SPECIES* - Schedule 3 species**

	Whole hedge	Stretch 1	Stretch 2	Stretch 3
	Crataegus monogyna 90%	✓	✓	-
	Malus sylvestris <5%	✓	-	-
	Prunus spinosa 5%	✓	✓	-
	Sambucus nigra	✓	✓	-
Species not on schedule 3				
	None			
Total – all species	4	4	3	-
Total – qualifying species	4	4	3	-

Average number of qualifying species per 30m stretch = 3.5

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 3 (hedges)

Standard trees (>1 per 50m) – No

Others – less than 10% gaps

Total number of qualifying features = 1

***(c) NOTES* - Field layer type.** OV24b 100%

Bank. None or not notable

Ditch. None or not notable

Verge. Side A >2m uncut, Side B >2m uncut

Fence. None or not notable

Integrity. High

Management. 2-10 years, flailed or trimmed

Cross section. Unclipped

***(d) MODIFYING FACTORS* -** None

Hedge 47 – 171m – Not Important				
***(a) WOODY SPECIES* - Schedule 3 species**				
	Whole hedge	**Stretch 1**	**Stretch 2**	**Stretch 3**
	Crataegus monogyna 95%	✓	✓	-
	Prunus spinosa <5%	-	-	-
	Sambucus nigra 5%	✓	✓	-
Species not on schedule 3				
	None			
Total – all species	3	2	2	-
Total – qualifying species	3	2	2	-
Average number of qualifying species per 30m stretch = 3				
***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.				
Number of connection points – 3 (hedges)				
Standard trees (>1 per 50m) – No				
Others – less than 10% gaps				
Total number of qualifying features = 1				
***(c) NOTES* - Field layer type.** OV24b 100%				
Bank. None or not notable				
Ditch. None or not notable				
Verge. Side A >2m uncut, Side B >2m uncut				
Fence. None or not notable				
Integrity. High				
Management. 2-10 years, flailed or trimmed				
Cross section. Unclipped				
***(d) MODIFYING FACTORS* -** None				

Boundary 48 – 211m - not a hedge - wooded stream bank

***(a) WOODY SPECIES* - Schedule 3 species**

	Whole hedge	Stretch 1	Stretch 2	Stretch 3
	Crataegus monogyna	✓	✓	✓
	Malus sylvestris	-	-	-
	Salix cinerea	✓	-	✓
	Sambucus nigra	-	✓	✓
	Ulmus cf. *procera* 5%	✓	-	✓
Species not on schedule 3 and additional *Salix* species				
	Salix fragilis	-	-	-
Total – all species	5	3	2	4
Total – qualifying species	5	3	2	4

Average number of qualifying species per 30m stretch = 3

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 4 (1 hedges)

Standard trees (>1 per 50m) – No (1 *Fraxinus excelsior*, 1 *Salix fragilis*)

Others – ditch for >50%

Total number of qualifying features = 2

***(c) NOTES* - Field layer type.** MG1b/OV24b

Bank. -

Ditch. -

Verge. -

Fence. -

Integrity. -

Management. -

Cross section. -

***(d) MODIFYING FACTORS* -** None

Boundary 49 – 144m - not a hedge - wooded stream bank

***(a) WOODY SPECIES* - Schedule 3 species**

	Whole hedge	Stretch 1	Stretch 2	Stretch 3
	Crataegus monogyna	✓	✓	-
	Fraxinus excelsior	-	-	-
	Malus sylvestris	-	-	-
	Salix cinerea ssp. *oleifolia*	✓	-	-
	Sambucus nigra	✓	✓	-
Species not on schedule 3 and additional *Salix* species				
	Acer pseudoplatanus	-	-	-
	Salix fragilis	✓	-	-
Total – all species	7	4	2	-
Total – qualifying species	5	3	2	-

Average number of qualifying species per 30m stretch = 2.5

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 4 (hedges)

Standard trees (>1 per 50m) – Yes (2 *Salix fragilis*, 1 *Fraxinus excelsior* + 3 <20cm DBH)

Others – less than 10% gaps, ditch for >50%

Total number of qualifying features = 3

***(c) NOTES* - Field layer type.** MG1b/OV24b

Bank. -

Ditch. -

Verge. -

Fence. -

Integrity. -

Management. -

Cross section. -

***(d) MODIFYING FACTORS* -** None

Hedge 50 – actual length 170m – Not Important

***(a) WOODY SPECIES* - Schedule 3 species**

	Whole hedge	**Stretch 1**	**Stretch 2**	**Stretch 3**
	Corylus avellana 5%	✓	-	-
	Crataegus monogyna 70%	✓	✓	-
	Fraxinus excelsior 5%	-	-	-
	Malus sylvestris 5%	✓	✓	-
	Prunus spinosa 5%	✓	-	-
	Rosa canina <5%	✓	-	-
	Salix caprea <5%	-	-	-
	Sambucus nigra 5%	✓	✓	-
	Ulmus cf. *procera* 5%	-	✓	-
Species not on schedule 3				
	None			
Total – all species	9	6	4	-
Total – qualifying species	9	6	4	-

Average number of qualifying species per 30m stretch = 5

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 2 (hedges)

Standard trees (>1 per 50m) – No

Others – parallel hedge

Total number of qualifying features = 1

***(c) NOTES* - Field layer type.** OV24b 100%

Bank. None or not notable

Ditch. None or not notable

Verge. Side A >2m uncut, Side B >2m uncut

Fence. None or not notable

Integrity. Significant gaps

Management. 2-10 years, flailed or trimmed

Cross section. Unclipped

***(d) MODIFYING FACTORS* -** None

Hedge 51 – actual length 175m – Not Important

***(a) WOODY SPECIES* - Schedule 3 species**

	Whole hedge	Stretch 1	Stretch 2	Stretch 3
	Acer campestre 10%	✓	-	-
	Corylus avellana 5%	✓	-	-
	Crataegus ×media <5%	-	-	-
	Crataegus monogyna 50%	✓	✓	-
	Fraxinus excelsior <5%	-	✓	-
	Malus sylvestris 5%	-	-	-
	Prunus spinosa 5%	✓	✓	-
	Quercus robur <5%	✓	-	-
	Rosa canina <5%	-	✓	-
	Sambucus nigra 20%	✓	-	-
	Ulmus cf. *procera* 5%	-	-	-
Species not on schedule 3				
	Acer pseudoplatanus	-	✓	-
	Aesculus hippocastanum	-	✓	-
Total – all species	13	6	6	-
Total – qualifying species	11	6	4	-

Average number of qualifying species per 30m stretch = 5

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 0

Standard trees (>1 per 50m) – Yes

Others – less than 10% gaps

Total number of qualifying features = 2

***(c) NOTES* - Field layer type.** OV24b 100%

Bank. None or not notable

Ditch. None or not notable

Verge. Side A >2m uncut, Side B >2m uncut

Fence. None or not notable

Integrity. Minor gaps

Management. 2-10 years, flailed or trimmed

Cross section. Unclipped

***(d) MODIFYING FACTORS* -** None

Hedge 52 – 128m – Not Important

***(a) WOODY SPECIES* - Schedule 3 species**

	Whole hedge	Stretch 1	Stretch 2	Stretch 3
	Crataegus monogyna 20%	-	-	-
	Fraxinus excelsior <5%	✓	-	
	Prunus spinosa 30%	-	✓	-
	Ulmus cf. *procera* 50%	✓	✓	-
Species not on schedule 3				
	None			
Total – all species	4	2	2	-
Total – qualifying species	4	2	2	-

Average number of qualifying species per 30m stretch = 2

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 3 (hedges)

Standard trees (>1 per 50m) – No

Others – less than 10% gaps, parallel hedge

Total number of qualifying features = 2

***(c) NOTES* - Field layer type.** OV24b 100%

Bank. None or not notable

Ditch. None or not notable

Verge. Side A 1-2m uncut, Side B >2m uncut

Fence. None or not notable

Integrity. Minor gaps

Management. 2-10 years, flailed or trimmed

Cross section. Unclipped

***(d) MODIFYING FACTORS* -** None

Boundary 53 – actual length 180m – not a qualifying hedge – garden hedge and shrub planting

***(a) WOODY SPECIES* - Schedule 3 species**

Whole hedge		**Stretch 1**	**Stretch 2**	**Stretch 3**
Acer campestre 5%		✓	-	-
Corylus avellana 10%		✓	-	-
Crataegus monogyna 70%		✓	✓	-
Euonymus europaeus 5%		✓	-	-
Fraxinus excelsior <5%		✓	-	-
Ilex aquifolium <5%		-	-	-
Prunus spinosa 5%		✓	-	-
Rosa canina <5%		✓	-	-
Salix caprea <5%		-	-	-
Species not on schedule 3				
Acer pseudoplatanus 5%		-	-	-
Aesculus hippocastanum <5%		✓	-	-
Malus pumila <5%		-	-	-
Prunus cerasifera		-	-	-
Prunus domestica 10%		-	✓	-
Total – all species	14	8	2	-
Total – qualifying species	9	7	1	-

Average number of qualifying species per 30m stretch = 4 Northern half species-poor, southern recently planted

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 2 doubtful (hedges)

Standard trees (>1 per 50m) – No (garden trees behind hedge)

Others – less than 10% gaps

Total number of qualifying features = 1

***(c) NOTES* - Field layer type.** OV24b 100%

Bank. None or not notable

Ditch. None or not notable

Verge. Side A >2m part cut

Fence. None or not notable

Integrity. Minor gaps

Management. 2-10 years, flailed or trimmed

Cross section. Unclipped

***(d) MODIFYING FACTORS* -** None

Hedges 54 and 55 – no access – possibly garden hedge (54) or defunct hedge (55)

Hedge 56 – 47m – Not Important

***(a) WOODY SPECIES* - Schedule 3 species**

	Whole hedge	Stretch 1	Stretch 2	Stretch 3
	Crataegus monogyna 90%	✓	-	-
	Fraxinus excelsior <5%	✓	-	-
	Ulmus cf. *procera* 10%	✓	-	-
Species not on schedule 3				
	None			
Total – all species	3	3	-	-
Total – qualifying species	3	3	-	-

Average number of qualifying species per 30m stretch = 3

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 2 (hedges)

Standard trees (>1 per 50m) –Yes (1 *Fraxinus excelsior* + 2 <20cm DBH)

Others – less than 10% gaps

Total number of qualifying features = 2

***(c) NOTES* - Field layer type.** -

Bank. None or not notable

Ditch. None or not notable

Verge. -

Fence. -

Integrity. -

Management. -

Cross section. Overgrown and leggy

***(d) MODIFYING FACTORS* -** None

Boundary 57 –108m – not a qualifying hedge – garden hedge

***(a) WOODY SPECIES* - Schedule 3 species**

	Whole hedge	Stretch 1	Stretch 2	Stretch 3
	Crataegus monogyna 90%	✓	✓	-
	Fraxinus excelsior <5%	✓	✓	-
	Sambucus nigra <5%	-	✓	-
	Ulmus cf. *procera* 5%	-	✓	-
Species not on schedule 3				
	Malus pumila <5%	-	-	-
	Prunus domestica 5%	-	-	-
Total – all species	6	2	4	-
Total – qualifying species	4	2	4	-

Average number of qualifying species per 30m stretch = 3

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 2 (hedges)

Standard trees (>1 per 50m) – Yes (2 *Fraxinus excelsior* + 3 <20cm DBH)

Others – less than 10% gaps

Total number of qualifying features = 2

***(c) NOTES* - Field layer type** – semi-improved grassland

Bank. None or not notable

Ditch. None or not notable

Verge. -

Fence. -

Integrity. -

Management. -

Cross section. Overgrown and leggy

***(d) MODIFYING FACTORS* -** None

Boundary 58 – no hedge.

Hedge 59 – 203m – Not Important (includes boundary 68 as no node exists at junction with 69)

***(a) WOODY SPECIES* - Schedule 3 species**

Whole hedge		**Stretch 1**	**Stretch 2**	**Stretch 3**
Crataegus ×media 5%		-	-	✓
Crataegus monogyna 65%		✓	✓	✓
Fraxinus excelsior 5%		-	-	-
Malus sylvestris 5%		-	-	-
Prunus spinosa 10%		-	✓	✓
Rosa canina <5%		-	✓	-
Sambucus nigra 10%		✓	✓	✓
Species not on schedule 3				
None				
Total – all species	7	2	4	4
Total – qualifying species	7	2	4	4

Average number of qualifying species per 30m stretch = 3.33

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 2 doubtful (hedges)

Standard trees (>1 per 50m) – No (3 *Fraxinus excelsior*)

Others – ditch for >50%

Total number of qualifying features = 1

***(c) NOTES* - Field layer type.** OV24b 100%

Bank. None or not notable

Ditch. Internal, 0.5-1m wide at base, dry

Verge. Side A >2m uncut

Fence. Post-and-rail and part wire-strand, >1.2m high

Integrity. Significant gaps

Management. None

Cross section. Overgrown and leggy

***(d) MODIFYING FACTORS* -** None

Hedge 60 – 101m – Not Important

***(a) WOODY SPECIES* - Schedule 3 species**

Whole hedge		Stretch 1	Stretch 2	Stretch 3
Crataegus monogyna 95%		✓	✓	-
Fraxinus excelsior <5%		✓	-	-
Sambucus nigra 5%		-	-	-
Species not on schedule 3				
None				
Total – all species	3	2	1	3
Total – qualifying species	3	2	1	3

Average number of qualifying species per 30m stretch = 1.5

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 3 doubtful (hedges)

Standard trees (>1 per 50m) – No

Others – less than 10% gaps

Total number of qualifying features = 1

***(c) NOTES* - Field layer type.** -

Bank. None or not notable

Ditch. None or not notable

Verge. -

Fence. -

Integrity. -

Management. None

Cross section. Overgrown and leggy

***(d) MODIFYING FACTORS* -** None

Hedge 61 – 65m – Not Important

***(a) WOODY SPECIES* - Schedule 3 species**

	Whole hedge	Stretch 1	Stretch 2	Stretch 3
	Crataegus monogyna 95%	✓	-	-
	Fraxinus excelsior <5%	✓	-	-
	Sambucus nigra 5%	✓	-	-
Species not on schedule 3				
	None			
Total – all species	3	3	-	-
Total – qualifying species	3	3	-	-

Average number of qualifying species per 30m stretch = 3

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 2 (hedges)

Standard trees (>1 per 50m) – Yes (4 *Fraxinus excelsior*)

Others – None

Total number of qualifying features = 1

***(c) NOTES* - Field layer type.** -

Bank. None or not notable

Ditch. None or not notable

Verge. -

Fence. -

Integrity. -

Management. None

Cross section. Overgrown and leggy

***(d) MODIFYING FACTORS* -** None

Hedge 62 – 65m – Not Important

***(a) WOODY SPECIES* - Schedule 3 species**

Whole hedge		Stretch 1	Stretch 2	Stretch 3
Crataegus monogyna 95%		✓	-	-
Sambucus nigra 5%		✓	-	-
Species not on schedule 3				
None				
Total – all species	2	2	-	-
Total – qualifying species	2	2	-	-

Average number of qualifying species per 30m stretch = 2

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 3 (hedges)

Standard trees (>1 per 50m) – No (1 *Fraxinus excelsior*)

Others – bank, less than 10% gaps

Total number of qualifying features = 2

***(c) NOTES* - Field layer type.** -

Bank. -

Ditch. None or not notable

Verge. -

Fence. -

Integrity. -

Management. -

Cross section. -

***(d) MODIFYING FACTORS* -** None

Boundary 63 – actual length 40m - doubtfully a hedge – scrub edge

***(a) WOODY SPECIES* - Schedule 3 species**

Whole hedge		Stretch 1	Stretch 2	Stretch 3
Crataegus monogyna 90%		✓	-	-
Fraxinus excelsior 5%		✓	-	-
Malus sylvestris 5%		✓	-	-
Rhamnus cathartica 5%		✓	-	-
Sambucus nigra 5%		✓	-	-
Ulmus cf. *procera* 5%		✓	-	-
Species not on schedule 3				
None				
Total – all species	6	6	-	-
Total – qualifying species	6	6	-	-

Average number of qualifying species per 30m stretch = 6

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 4 (2 hedges, 1 wood)

Standard trees (>1 per 50m) – Yes (1 *Fraxinus excelsior*)

Others – None

Total number of qualifying features = 2

***(c) NOTES* - Field layer type.** OV24a 100%

Bank. None or not notable

Ditch. None or not notable

Verge. Side A >2m uncut

Fence. None or not notable

Integrity. Significant gaps

Management. None

Cross section. Overgrown and leggy

***(d) MODIFYING FACTORS* -** None

Hedge 64– 193m – Not Important

***(a) WOODY SPECIES* - Schedule 3 species**

	Whole hedge	Stretch 1	Stretch 2	Stretch 3
Crataegus monogyna		✓	✓	-
Fraxinus excelsior		-	✓	-
Malus sylvestris		-	-	-
Rosa canina		-	-	-
Sambucus nigra		✓	✓	-
Ulmus cf. *procera*		-	-	-
Species not on schedule 3				
None				
Total – all species	6	2	3	-
Total – qualifying species	6	2	3	-

Average number of qualifying species per 30m stretch = 2.5

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 4 (hedges)

Standard trees (>1 per 50m) – No

Others – less than 10% gaps

Total number of qualifying features = 2

***(c) NOTES* - Field layer type.** -

Bank. None or not notable

Ditch. None or not notable

Verge. -

Fence. -

Integrity. High

Management. -

Cross section. Unclipped

***(d) MODIFYING FACTORS* -** None

Hedge 65 – 231m – Not Important

***(a) WOODY SPECIES* - Schedule 3 species**

	Whole hedge	Stretch 1	Stretch 2	Stretch 3
	Crataegus laevigata <5%	-	-	-
	Crataegus monogyna 70%	✓	✓	✓
	Fraxinus excelsior <5%	-	-	-
	Prunus spinosa <5%	-	-	✓
	Salix cinerea 10%	✓	-	✓
	Sambucus nigra <5%	✓	-	-
	Ulmus cf. *procera* 20%	✓	✓	-
Species not on schedule 3 and additional *Salix* species				
	Salix fragilis (included above)	-	-	-
Total – all species	7	4	2	3
Total – qualifying species	7	4	2	3

Average number of qualifying species per 30m stretch = 3

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** *Bromopsis ramosa* (1)

Number of connection points – 3 (hedges – does not connect to 41)

Standard trees (>1 per 50m) – No

Others – bank, ditch for >50%

Total number of qualifying features = 2

***(c) NOTES* - Field layer type.** OV24b 100%

Bank. Half bank (stream), earth, non-managed

Ditch. External, >1m, wet

Verge. Side A >2m cut, Side B 1-2m uncut

Fence. None or not notable

Integrity. Significant gaps

Management. None

Cross section. Overgrown and leggy

***(d) MODIFYING FACTORS* -** None

Hedge 66 – 176m – Not Important

***(a) WOODY SPECIES* - Schedule 3 species**

	Whole hedge	Stretch 1	Stretch 2	Stretch 3
	Crataegus laevigata <5%	-	-	-
	Crataegus monogyna 90%	✓	✓	-
	Salix fragilis <5%	-	-	-
	Sambucus nigra 5%	✓	✓	-
	Ulmus cf. *procera* 5%	-	✓	-
Species not on schedule 3				
	None			
Total – all species	5	2	3	-
Total – qualifying species	5	2	3	-

Average number of qualifying species per 30m stretch = 2.5

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 3 (hedges – does not connect to 41)

Standard trees (>1 per 50m) – No

Others – ditch for >50%

Total number of qualifying features = 1

***(c) NOTES* - Field layer type.** OV24b 100%

Bank. None or not notable

Ditch. External, >1m, wet

Verge. Side A >2m uncut, Side B >2m uncut

Fence. Wire strand, over 1.2m high

Integrity. Significant gaps

Management. None

Cross section. Overgrown and leggy

***(d) MODIFYING FACTORS* -** None

Boundary 67 – no hedge (stream)
Boundary 68 included in Hedge 59 (no hedgerow node at 59/69)
Boundary 69 – no access, and apparently no hedge

Hedge 70 – 149m – Not Important

***(a) WOODY SPECIES* - Schedule 3 species**

	Whole hedge	Stretch 1	Stretch 2	Stretch 3
	Acer campestre <5%	-	-	-
	Crataegus monogyna 85%	✓	✓-	-
	Prunus spinosa 5%	✓	-	-
	Quercus robur <5%	✓	-	-
	Rosa canina <5%	-	✓	-
	Ulmus cf. *procera* 5%	-	✓	-
Species not on schedule 3				
	Acer pseudoplatanus 5%	-	✓	-
Total – all species	7	3	4	-
Total – qualifying species	6	3	3	-

Average number of qualifying species per 30m stretch = 3

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 1 doubtful (hedge)

Standard trees (>1 per 50m) – No

Others – less than 10% gaps, ditch for >50%, parallel hedge

Total number of qualifying features = 3

***(c) NOTES* - Field layer type.** mown amenity-turf

Bank. None or not notable

Ditch. External, 0.5-1m, wet

Verge. Side A>2m cut

Fence. None or not notable

Integrity. High

Management. <2 years, flailed or trimmed

Cross section. Clipped and dense

***(d) MODIFYING FACTORS* -** None

Boundary 71 – 186m – not a hedge – a roadside belt of trees

***(a) WOODY SPECIES* - Schedule 3 species**

Whole hedge		**Stretch 1**	**Stretch 2**	**Stretch 3**
Crataegus monogyna		-	✓	-
Fraxinus excelsior		✓	✓	-
Sambucus nigra		-	-	-
Ulmus cf. *procera*		✓	✓	-
Species not on schedule 3				
Acer pseudoplatanus		-	-	
Total – all species	5	2	3	-
Total – qualifying species	4	2	3	-

Average number of qualifying species per 30m stretch = 2.5

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 2 (hedges)

Standard trees (>1 per 50m) – Yes (*Acer pseudoplatanus* 1, *Fraxinus excelsior* 15, *Quercus robur* 1 +12 <20cm DBH)

Others – less than 10% gaps

Total number of qualifying features = 2

***(c) NOTES* - Field layer type.** -

Bank. None or not notable

Ditch. None or not notable

Verge. -

Fence. -

Integrity. -

Management. -

Cross section. -

***(d) MODIFYING FACTORS* -** None

Hedge 72 – 263m – Not Important

***(a) WOODY SPECIES* - Schedule 3 species**

	Whole hedge	Stretch 1	Stretch 2	Stretch 3
	Acer campestre	-	-	-
	Crataegus monogyna	✓	✓	-
	Fraxinus excelsior	-	✓	
	Rosa canina	-	-	-
	Sambucus nigra	-	-	✓
	Ulmus cf. *procera*	-	✓	-
Species not on schedule 3				
	Acer pseudoplatanus			
Total – all species	7	1	3	1
Total – qualifying species	6	1	3	1

Average number of qualifying species per 30m stretch = 1.66

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 2 (hedges)

Standard trees (>1 per 50m) – Yes (1 *Quercus robur*, 10 *Fraxinus excelsior* <20cm DBH, 1 *Ulmus procera* <20cm DBH)

Others – less than 10% gaps

Total number of qualifying features = 2

***(c) NOTES* - Field layer type.** MG1b 100%

Bank. None or not notable

Ditch. Only a 30m section has a ditch

Verge. Side A >2m cut

Fence. None

Integrity. Minor gaps

Management. 2-10 years, flailed or trimmed

Cross section. Unclipped

***(d) MODIFYING FACTORS* -** None

Boundary 73 – no hedge

Hedge 74 – actual length 160m (a 'Leylandii' section rejected) – IMPORTANT

***(a) WOODY SPECIES* - Schedule 3 species**

	Whole hedge	Stretch 1	Stretch 2	Stretch 3
Acer campestre 5%		✓	✓	-
Cornus sanguinea <5%		-	✓	-
Crataegus monogyna <5%		-	✓	-
Fraxinus excelsior 5%		✓	✓	-
Ligustrum vulgare <5%		✓	✓	
Malus sylvestris <5%		-	-	
Prunus spinosa 90%		✓	✓	
Rosa canina <5%		-	✓	-
Species not on schedule 3				
None				
Total – all species	8	4	7	-
Total – qualifying species	8	4	7	-

Average number of qualifying species per 30m stretch = 5.5

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 1 (hedge)

Standard trees (>1 per 50m) – Yes (4 *Fraxinus excelsior*)

Others – less than 10% gaps, ditch for >50%, parallel hedge

Total number of qualifying features = 4

***(c) NOTES* - Field layer type.** MG1b 100%

Bank. None or not notable

Ditch. Internal, 0.5-1m wide at base, dry

Verge. Side A >2m part cut

Fence. None or not notable

Integrity. High

Management. 2-10 years, flailed or trimmed

Cross section. Clipped and dense

***(d) MODIFYING FACTORS* -** None

Boundary 75 – no access – no hedge on part

Hedge 76 – 138m – Not Important

***(a) WOODY SPECIES* - Schedule 3 species**

	Whole hedge	Stretch 1	Stretch 2	Stretch 3
	Acer campestre 10%	✓	✓	-
	Crataegus monogyna 40%	✓	✓	-
	Malus sylvestris <5%	✓	-	-
	Prunus spinosa 40%	✓	✓	-
	Sambucus nigra 10%	✓	✓	-
Species not on schedule 3				
	None			
Total – all species	5	5	4	-
Total – qualifying species	5	5	4	-

Average number of qualifying species per 30m stretch = 4.5

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 4 (2 hedges, 1 pond/wood)

Standard trees (>1 per 50m) – No

Others – ditch for >50%

Total number of qualifying features = 2

***(c) NOTES* - Field layer type.** OV24b 100%

Bank. None or not notable

Ditch. Internal, 0.5-1m wide at base, wet

Verge. Side A 1-2m uncut

Fence. None or not notable

Integrity. Minor gaps

Management. None

Cross section. Overgrown and leggy

***(d) MODIFYING FACTORS* -** None

Hedge 77 – 119m – IMPORTANT

***(a) WOODY SPECIES* - Schedule 3 species**

Whole hedge		**Stretch 1**	**Stretch 2**	**Stretch 3**
Acer campestre 5%		-	✓	-
Crataegus monogyna 15%		✓	✓	-
Fraxinus excelsior <5%		✓	✓	-
Malus sylvestris <5%		-	✓	-
Prunus spinosa 75%		✓	✓	
Quercus robur <5%		-	-	
Rosa canina <5%		-	-	-
Sambucus nigra 5%		-	✓	
Ulmus cf. *procera* <5%		-	✓	-
Species not on schedule 3				
None				
Total – all species	9	3	7	-
Total – qualifying species	9	3	7	-

Average number of qualifying species per 30m stretch = 5

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 4 (2 ponds)

Standard trees (>1 per 50m) – Yes (2 *Fraxinus excelsior*, 1 *Quercus robur*)

Others – less than 10% gaps, ditch for >50%

Total number of qualifying features = 4

***(c) NOTES* - Field layer type.** MG1b 100%

Bank. None or not notable

Ditch. Internal, 0.5-1m wide at base, wet

Verge. Side A >2m uncut

Fence. None or not notable

Integrity. High

Management. 2-10 years, flailed or trimmed

Cross section. Unclipped and dense

***(d) MODIFYING FACTORS* -** None

Hedge 78 – 298m – Not Important

***(a) WOODY SPECIES* - Schedule 3 species**

	Whole hedge	**Stretch 1**	**Stretch 2**	**Stretch 3**
	Crataegus monogyna 50%	✓	✓	✓
	Fraxinus excelsior 5%	-	-	-
	Malus sylvestris 5%	✓	-	-
	Prunus spinosa 20%	-	✓	✓
	Rosa canina <5%	-	-	✓
	Sambucus nigra <5%	-	✓	✓
	Ulmus cf. *procera* 20%	✓	✓	✓
Species not on schedule 3				
	Malus pumila <5%	-	-	-
Total – all species	8	3	4	5
Total – qualifying species	7	3	4	5

Average number of qualifying species per 30m stretch = 4

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 4 (2 hedges, 1 wood)

Standard trees (>1 per 50m) – No

Others – ditch for >50%

Total number of qualifying features = 2

***(c) NOTES* - Field layer type.** MG1b 100%

Bank. None or not notable

Ditch. Internal, 0.5-1m wide at base, wet

Verge. Side A 1-2m uncut

Fence. None or not notable

Integrity. Minor gaps

Management. None

Cross section. Overgrown and leggy

***(d) MODIFYING FACTORS* -** None

Hedge 79 – 132m – Not Important

***(a) WOODY SPECIES* - Schedule 3 species**

Whole hedge		Stretch 1	Stretch 2	Stretch 3
Crataegus monogyna 5%		✓	✓	-
Malus sylvestris <5%		-	-	-
Prunus spinosa 105%		✓	-	-
Ulmus cf. *procera* 85%		✓	✓-	-
Species not on schedule 3				
None				
Total – all species	5	3	2	-
Total – qualifying species	5	3	2	-

Average number of qualifying species per 30m stretch = 2.5

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 3 (hedges)

Standard trees (>1 per 50m) – No

Others – less than 10% gaps, ditch for >50%, parallel hedge

Total number of qualifying features = 3

***(c) NOTES* - Field layer type.** MG1b 100%

Bank. None or not notable

Ditch. Internal, <0.5m wide at base, dry

Verge. Side A >2m uncut

Fence. None or not notable

Integrity. High

Management. 2-10 years, flailed or trimmed

Cross section. Uncipped

***(d) MODIFYING FACTORS* -** None

Hedge 80 – 230m – Not Important

***(a) WOODY SPECIES* - Schedule 3 species**

	Whole hedge	Stretch 1	Stretch 2	Stretch 3
	Fraxinus excelsior <5%	-	-	✓
	Prunus spinosa 100%	✓	✓	✓
	Rosa canina <5%	-	-	-
Species not on schedule 3				
	None			
Total – all species	3	1	1	2
Total – qualifying species	3	1	1	2

Average number of qualifying species per 30m stretch = 1.33

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 4 (2 hedges, 1 pond/wood)

Standard trees (>1 per 50m) – No

Others – less than 10% gaps, ditch for >50%

Total number of qualifying features = 3

***(c) NOTES* - Field layer type.** MG1b 100%

Bank. None or not notable

Ditch. Internal, <0.5m wide at base, dry

Verge. Side A 1-2m uncut

Fence. None or not notable

Integrity. High

Management. 2-10 years, flailed or trimmed

Cross section. Unclipped

***(d) MODIFYING FACTORS* -** None

Hedge 81 – 212m – Not Important

***(a) WOODY SPECIES* - Schedule 3 species**

Whole hedge	Stretch 1	Stretch 2	Stretch 3
Crataegus monogyna 50%	✓	✓	✓
Fraxinus excelsior <5%	-	✓	-
Ligustrum vulgare <5%	-	-	-
Prunus spinosa <5%	-	-	✓
Sambucus nigra 5%	✓	✓	✓
Ulmus cf. *procera* 45%	✓	✓	✓
Species not on schedule 3			
None			
Total – all species 6	3	4	4
Total – qualifying species 6	3	4	4

Average number of qualifying species per 30m stretch = 3.66

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 2 (hedges)

Standard trees (>1 per 50m) – No

Others – less than 10% gaps, ditch for >50%, parallel hedge

Total number of qualifying features = 3

***(c) NOTES* - Field layer type.** MG1b 100%

Bank. None or not notable

Ditch. Internal, <0.5m wide at base, dry

Verge. Side A >2m part cut

Fence. None or not notable

Integrity. High

Management. 2-10 years, flailed or trimmed

Cross section. Unclipped

***(d) MODIFYING FACTORS* -** None

Hedge 82 – garden hedge

Hedges 83 and 84 – out of area

Hedge 85 – 263m – Not Important

***(a) WOODY SPECIES* - Schedule 3 species**

Whole hedge		**Stretch 1**	**Stretch 2**	**Stretch 3**
Crataegus laevigata 5%		-	-	-
Crataegus monogyna 90%		-	-	-
Quercus robur <5%		-	-	-
Rosa canina <5%		-	-	-
Ulmus cf. *procera* 5%		-	-	-
Species not on schedule 3				
None				
Total – all species	5	3	3	3
Total – qualifying species	5	3	3	3

Average number of qualifying species per 30m stretch = 3

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 3 (1 hedge, 1 wood)

Standard trees (>1 per 50m) – No

Others – less than 10% gaps

Total number of qualifying features = 1

***(c) NOTES* - Field layer type.** MG1b 100%

Bank. None or not notable

Ditch. None or not notable

Verge. Side B >2m part cut, Side A 1-2m uncut

Fence. None or not notable

Integrity. High

Management. 2-10 years, flailed or trimmed

Cross section. Clipped and dense

***(d) MODIFYING FACTORS* -** None

Hedge 86 – 148m – Not Important

***(a) WOODY SPECIES* - Schedule 3 species**

	Whole hedge	Stretch 1	Stretch 2	Stretch 3
	Crataegus monogyna 95%	✓	✓	-
	Fraxinus excelsior <5%	✓	-	-
	Ligustrum vulgare <5%	✓	-	-
	Prunus spinosa <5%	✓	-	-
	Sambucus nigra 5%	-	✓	-
Species not on schedule 3				
	Rosa rugosa <5%			
Total – all species	6	4	2	-
Total – qualifying species	5	4	2	-

Average number of qualifying species per 30m stretch = 3

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 0

Standard trees (>1 per 50m) – Yes (3 *Fraxinus excelsior*)

Others – less than 10% gaps

Total number of qualifying features = 2

***(c) NOTES* - Field layer type.** MG1b 100%

Bank. None or not notable

Ditch. None or not notable

Verge. Side A >2m uncut

Fence. None or not notable

Integrity. High

Management. 2-10 years, flailed or trimmed

Cross section. Unclipped

***(d) MODIFYING FACTORS* -** None

Boundary 87 – no hedge

Hedge 88 – 247m – Not Important

***(a) WOODY SPECIES* - Schedule 3 species**

Whole hedge		Stretch 1	Stretch 2	Stretch 3
Crataegus monogyna <5%		-	✓	✓
Malus sylvestris <5%		-	-	-
Prunus spinosa 20%		✓	✓	-
Quercus robur <5%		-	-	-
Rosa canina <5%		✓	✓	-
Sambucus nigra <5%		-	-	✓
Ulmus cf. *procera* 80%		✓	✓	✓
Species not on schedule 3				
None				
Total – all species	7	3	4	3
Total – qualifying species	7	3	4	3

Average number of qualifying species per 30m stretch = 3.33

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 2 (1 wood)

Standard trees (>1 per 50m) – No (1 *Quercus robur*)

Others – less than 10% gaps, ditch for >50%

Total number of qualifying features = 2

***(c) NOTES* - Field layer type.** MG1b 100%

Bank. None or not notable

Ditch. Internal, 0.5-1m wide at base, wet

Verge. Side A 1-2m uncut, Side B 1-2m uncut

Fence. None or not notable

Integrity. High

Management. 2-10 years, flailed or trimmed

Cross section. Clipped and dense

***(d) MODIFYING FACTORS* -** None

Boundaries 89 and 90 – no hedge

Hedge 91 – 206m – Not Important (borderline)

***(a) WOODY SPECIES* - Schedule 3 species**

	Whole hedge	Stretch 1	Stretch 2	Stretch 3
	Acer campestre <5%	-	✓	-
	Crataegus monogyna 20%	✓	-	-
	Fraxinus excelsior 5%	-	-	-
	Prunus spinosa 40%	-	✓	✓
	Quercus robur <5%	✓	✓	-
	Rosa canina <5%	-	✓	✓
	Sambucus nigra <5%	✓	-	✓
	Ulmus cf. *procera* 35%	✓	✓	✓
Species not on schedule 3				
	None			
Total – all species	8	4	5	4
Total – qualifying species	8	4	5	4

Average number of qualifying species per 30m stretch = 4.33

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 3 (hedges)

Standard trees (>1 per 50m) – Borderline (4 *Quercus robur* in 205m)

Others – less than 10% gaps, bank, ditch for >50%

Total number of qualifying features = 3 (almost 4)

***(c) NOTES* - Field layer type.** MG1a 30%,MG1b 70%

Bank. Half bank, earth, non-managed

Ditch. External, <0.5m wide at base, wet

Verge. Side A >2m cut, Side B >2m part cut,

Fence. None or not notable

Integrity. High

Management. 2-10 years, flailed or trimmed

Cross section. Unclipped

***(d) MODIFYING FACTORS* -** None

Hedge 92 – 332m – Not Important

***(a) WOODY SPECIES* - Schedule 3 species**

	Whole hedge	Stretch 1	Stretch 2	Stretch 3
	Crataegus monogyna	✓	✓	✓
	Prunus spinosa	✓	-	-
	Quercus robur	✓	✓	-
	Rosa canina	-	-	-
	Sambucus nigra	✓	✓	✓
Species not on schedule 3				
	None			
Total – all species	5	4	3	2
Total – qualifying species	5	4	3	2

Average number of qualifying species per 30m stretch = 3

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 5 (hedges)

Standard trees (>1 per 50m) – Yes (9 *Quercus robur*)

Others – less than 10% gaps

Total number of qualifying features = 3

***(c) NOTES* - Field layer type.** -

Bank. None or not notable

Ditch. None or not notable

Verge. -

Fence. -

Integrity. High

Management. 2-10 years, flailed or trimmed

Cross section. Clipped and dense

***(d) MODIFYING FACTORS* -** None

Hedge 93 – 206m – IMPORTANT

***(a) WOODY SPECIES* - Schedule 3 species**

	Whole hedge	**Stretch 1**	**Stretch 2**	**Stretch 3**
	Crataegus laevigata 5%	✓	-	✓
	Crataegus monogyna 55%	✓	✓	✓
	Fraxinus excelsior 5%	✓	✓	✓
	Malus sylvestris	✓	-	-
	Prunus spinosa 20%	✓	✓	✓
	Quercus robur <5%	-	-	-
	Rhamnus cathartica <5%	✓	-	-
	Rosa canina <5%	✓	-	✓
	Salix cinerea <5%	✓	-	-
	Sambucus nigra <5%	-	✓	✓
	Ulmus cf. *procera* 5%	-	✓	-
Species not on schedule 3 and additional *Rosa* species				
	Rosa arvensis <5%	-	-	✓
Total – all species	12	8	5	7
Total – qualifying species	11	8	5	6

Average number of qualifying species per 30m stretch = 6.33

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 5 (3 hedges, 1 wood)

Standard trees (>1 per 50m) – Yes (2 *Fraxinus excelsior*, 2 *Quercus robur*)

Others – less than 10% gaps, ditch for >50%

Total number of qualifying features = 4

***(c) NOTES* - Field layer type.** MG1b 100%

Bank. None or not notable

Ditch. Internal, 0.5-1m wide at base, wet

Verge. Side A >2m part cut

Fence. None or not notable

Integrity. High

Management. 2-10 years, flailed or trimmed

Cross section. Clipped and dense

***(d) MODIFYING FACTORS* -** None

Boundary 94 – 296m – mostly bramble

***(a) WOODY SPECIES* - Schedule 3 species**

	Whole hedge	**Stretch 1**	**Stretch 2**	**Stretch 3**
	Crataegus monogyna	-	-	✓
	Prunus spinosa	✓	-	✓
	Quercus robur	-	-	
	Rosa canina <5%	-	-	
Species not on schedule 3				
	None			
Total – all species	4	1	0	2
Total – qualifying species	4	1	0	2

Average number of qualifying species per 30m stretch = 1.5

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 5 (hedges)

Standard trees (>1 per 50m) – No

Others - None

Total number of qualifying features = 1

***(c) NOTES* - Field layer type.** -

Bank. None or not notable

Ditch. None or not notable

Verge. -

Fence. -

Integrity. Significant gaps

Management. -

Cross section. -

***(d) MODIFYING FACTORS* -** None

Hedge 95 – 336m – Not Important

***(a) WOODY SPECIES* - Schedule 3 species**

	Whole hedge	Stretch 1	Stretch 2	Stretch 3
	Crataegus monogyna	✓	-	✓
	Fraxinus excelsior	✓	-	-
	Prunus spinosa	✓	✓	✓
	Rosa canina	-	-	-
	Sambucus nigra	-	-	-
Species not on schedule 3				
	None			
Total – all species	5	3	1	2
Total – qualifying species	5	3	1	3

Average number of qualifying species per 30m stretch = 2

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 3 (1 hedge, 1 wood)

Standard trees (>1 per 50m) – No (2 *Fraxinus excelsior*)

Others – less than 10% gaps, ditch for >50%

Total number of qualifying features = 2

***(c) NOTES* - Field layer type.** -

Bank. None or not notable

Ditch. -

Verge. -

Fence. -

Integrity. High

Management. 2-10 years, flailed or trimmed

Cross section. Clipped and dense

***(d) MODIFYING FACTORS* -** None

Hedges 96 and 97 – no access

Hedge 98 – 92m – Not Important

***(a) WOODY SPECIES* - Schedule 3 species**

	Whole hedge	Stretch 1	Stretch 2	Stretch 3
	Crataegus monogyna	✓	-	
	Fraxinus excelsior	✓	-	-
	Malus sylvestris	-	-	-
	Prunus spinosa	✓	-	-
	Sambucus nigra	-	-	-
Species not on schedule 3				
	None			
Total – all species	5	3	-	-
Total – qualifying species	5	3	-	-

Average number of qualifying species per 30m stretch = 3

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 2 (hedges)

Standard trees (>1 per 50m) – Yes (5 *Fraxinus excelsior*)

Others – less than 10% gaps, ditch for >50%, parallel hedge

Total number of qualifying features = 4

***(c) NOTES* - Field layer type.** -

Bank. None or not notable

Ditch. -

Verge. Side A >2m uncut

Fence. -

Integrity. High

Management. 2-10 years, flailed or trimmed

Cross section. Clipped and dense

(d) MODIFYING FACTORS – None

Hedge 99 – 263m – Not Important

***(a) WOODY SPECIES* - Schedule 3 species**

	Whole hedge	Stretch 1	Stretch 2	Stretch 3
	Acer campestre	✓	✓	-
	Crataegus monogyna	✓	✓	-
	Ulmus cf. *procera*	✓	✓	-
Species not on schedule 3				
	None			
Total – all species	3	3	3	-
Total – qualifying species	3	3	3	-

Average number of qualifying species per 30m stretch = 3

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 4 (hedges)

Standard trees (>1 per 50m) – No (1 *Populus* ×*canadensis*)

Others – less than 10% gaps, parallel hedge

Total number of qualifying features = 3

***(c) NOTES* - Field layer type.** -

Bank. None or not notable

Ditch. None or not notable

Verge. Side A >2m uncut

Fence. -

Integrity. Minor gaps

Management. 2-10 years, flailed or trimmed

Cross section. Clipped and dense

***(d) MODIFYING FACTORS* -** None

Hedge 100 – 91m – possibly not a qualifying hedge - a garden hedge - Not Important

***(a) WOODY SPECIES* - Schedule 3 species**

	Whole hedge	Stretch 1	Stretch 2	Stretch 3
	Alnus glutinosa	-		
	Crataegus monogyna	✓	-	-
	Fraxinus excelsior	✓	-	-
	Potentilla sterilis	-	-	-
	Rosa canina	-	-	-
	Sambucus nigra	-	-	-
Species not on schedule 3				
	None			
Total – all species	6	2	-	-
Total – qualifying species	6	2	-	-

Average number of qualifying species per 30m stretch = 2

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 5 (3 hedges, 1 wood)

Standard trees (>1 per 50m) – Yes (1 *Alnus glutinosa*, 1 *Fraxinus excelsior* + 2 <20cm DBH)

Others – ditch for >50%

Total number of qualifying features = 3

***(c) NOTES* - Field layer type.** -

Bank. None or not notable

Ditch. -

Verge. Side A >2m uncut

Fence. -

Integrity. Significant gaps

Management. 2-10 years, flailed or trimmed

Cross section. Unclipped

***(d) MODIFYING FACTORS* -** None

Boundaries 101 and 102 – no access – probably garden hedges

Hedge 103 – 143m – possibly not a qualifying hedge - a garden hedge - Not Important

***(a) WOODY SPECIES* - Schedule 3 species**

	Whole hedge	Stretch 1	Stretch 2	Stretch 3
	Crataegus monogyna	✓	✓	-
	Fraxinus excelsior	-	✓	-
	Prunus spinosa	-	✓	-
	Rosa canina	-	-	-
	Sambucus nigra	-	-	-
Species not on schedule 3				
	Malus pumila	-	-	-
Total – all species	6	1	3	-
Total – qualifying species	5	1	3	-

Average number of qualifying species per 30m stretch = 2

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 4 (hedges)

Standard trees (>1 per 50m) – Yes (4 *Fraxinus excelsior*)

Others – less than 10% gaps

Total number of qualifying features = 3

***(c) NOTES* - Field layer type.** -

Bank. None or not notable

Ditch. None or not notable

Verge. -

Fence. -

Integrity. Minor gaps

Management. 2-10 years, flailed or trimmed

Cross section. Unclipped

***(d) MODIFYING FACTORS* -** None

Hedge 104 – 276m – Not Important (borderline)

***(a) WOODY SPECIES* - Schedule 3 species**

Whole hedge		**Stretch 1**	**Stretch 2**	**Stretch 3**
Crataegus monogyna		✓	✓	✓
Fraxinus excelsior		✓	✓	-
Prunus spinosa		-	-	-
Rosa canina		-	-	-
Sambucus nigra		✓	✓	✓
Ulmus cf. *procera*		-	✓	✓
Species not on schedule 3				
Malus pumila		✓	-	-
Total – all species	5	3	4	3
Total – qualifying species	5	3	4	3

Average number of qualifying species per 30m stretch = 3.33

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 4 (2 hedges, 1 wood)

Standard trees (>1 per 50m) – No (3 *Fraxinus excelsior*, 2 *Quercus robur*)

Others – less than 10% gaps, ditch for >50%

Total number of qualifying features = 3

***(c) NOTES* - Field layer type.** -

Bank. None or not notable

Ditch. -

Verge. Side A >2m uncut

Fence. -

Integrity. High

Management. 2-10 years, flailed or trimmed

Cross section. Clipped and dense

(d) MODIFYING FACTORS – Road used as PRoW

Hedge 105 – 307m – Not Important

***(a) WOODY SPECIES* - Schedule 3 species**

Whole hedge	**Stretch 1**	**Stretch 2**	**Stretch 3**
Crataegus monogyna	✓	✓	✓
Fraxinus excelsior	-	-	-
Prunus spinosa	-	✓	-
Rosa canina	-	-	-
Sambucus nigra	✓	-	-
Ulmus cf. *procera*	✓	✓	✓

Species not on schedule 3

None

Total – all species	6	3	3	2
Total – qualifying species	6	3	3	2

Average number of qualifying species per 30m stretch = 2.66

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 4 (hedges)

Standard trees (>1 per 50m) – No

Others – None

Total number of qualifying features = 1

***(c) NOTES* - Field layer type.** MG1b 100%

Bank. None or not notable

Ditch. None or not notable

Verge. -

Fence. -

Integrity. Significant gaps

Management. 2-10 years, flailed or trimmed

Cross section. Clipped and dense

(d) MODIFYING FACTORS – Road used as PRoW

Hedge 106 – 243m – Not Important

***(a) WOODY SPECIES* - Schedule 3 species**

	Whole hedge	Stretch 1	Stretch 2	Stretch 3
	Crataegus monogyna	✓	✓	✓
	Fraxinus excelsior	-	✓	✓
	Rosa canina	-	-	-
	Sambucus nigra	-	✓	✓
	Ulmus cf. *procera*	✓	✓	✓
Species not on schedule 3				
	None			
Total – all species	5	2	3	4
Total – qualifying species	5	2	3	4

Average number of qualifying species per 30m stretch = 3

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 4 (hedges)

Standard trees (>1 per 50m) – Yes (4 *Fraxinus excelsior*, 2 *Quercus robur*)

Others – less than 10% gaps

Total number of qualifying features = 3

***(c) NOTES* - Field layer type.** -

Bank. None or not notable

Ditch. None or not notable

Verge. -

Fence. -

Integrity. High

Management. 2-10 years, flailed or trimmed

Cross section. Clipped and dense

***(d) MODIFYING FACTORS* -** None

Hedge 107 – 360m – Not Important

***(a) WOODY SPECIES* - Schedule 3 species**

	Whole hedge	**Stretch 1**	**Stretch 2**	**Stretch 3**
	Acer campestre	-	-	-
	Crataegus monogyna	✓	✓	✓
	Fraxinus excelsior	-	-	-
	Prunus spinosa	-	-	-
	Rosa canina	-	-	-
	Quercus robur	-	-	-
	Sambucus nigra	✓	✓	✓
	Ulmus cf. *procera*	✓	✓	-
Species not on schedule 3				
	Malus pumila			
Total – all species	9	3	3	2
Total – qualifying species	8	3	3	2

Average number of qualifying species per 30m stretch = 2.66

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 4 (2 hedges, 1 pond)

Standard trees (>1 per 50m) – Yes (5 *Fraxinus excelsior*, 1 *Malus pumila*, 2 *Quercus robur* + 8 <20cm DBH)

Others – less than 10% gaps

Total number of qualifying features = 3

***(c) NOTES* - Field layer type.** -

Bank. None or not notable

Ditch. None or not notable

Verge. -

Fence. -

Integrity. Minor gaps

Management. -

Cross section. Unclipped

***(d) MODIFYING FACTORS* -** None

Boundaries 108, 109, 110, 111 – no hedge

Hedge 112 – 52m – Not Important

***(a) WOODY SPECIES* - Schedule 3 species**

	Whole hedge	Stretch 1	Stretch 2	Stretch 3
	Crataegus monogyna <5%	✓	-	-
	Prunus spinosa 100%	✓	-	-
Species not on schedule 3				
	None			
Total – all species	2	2	-	-
Total – qualifying species	2	2	-	-

Average number of qualifying species per 30m stretch = 2

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 0 (does not connect to 113)

Standard trees (>1 per 50m) – No

Others – less than 10% gaps

Total number of qualifying features = 1

***(c) NOTES* - Field layer type.** MG1b 100%

Bank. None or not notable

Ditch. None or not notable

Verge. Side A >2m uncut

Fence. None or not notable

Integrity. High

Management. 2-10 years, flailed or trimmed

Cross section. Clipped and dense

***(d) MODIFYING FACTORS* -** None

Hedge 113 – 129m – Doubtfully a qualifying hedge – no continuous 20m - Not Important

***(a) WOODY SPECIES* - Schedule 3 species**

	Whole hedge	Stretch 1	Stretch 2	Stretch 3
	Crataegus ×media	✓	-	-
	Corylus avellana 5%	✓	-	-
	Crataegus monogyna 60%	✓	✓	-
	Fraxinus excelsior 15%	✓	✓	-
	Prunus spinosa 15%	-	✓	-
	Rosa canina 5%	-	✓	-
Species not on schedule 3				
	None			
Total – all species	6	4	4	-
Total – qualifying species	6	4	4	-

Average number of qualifying species per 30m stretch = 4

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 1 (hedge, does not connect to 112)

Standard trees (>1 per 50m) – No (2 *Fraxinus excelsior*)

Others – Bank

Total number of qualifying features = 1

***(c) NOTES* - Field layer type.** MG1b 50%, OV24b 50%

Bank. Half bank, earth, not managed

Ditch. None or not notable

Verge. Side A >2m uncut

Fence. None or not notable

Integrity. Significant gaps

Management. None – has coppice stools

Cross section. Overgrown and leggy

***(d) MODIFYING FACTORS* -** None

Hedge 114 (plus 119) – 283m – Not Important

***(a) WOODY SPECIES* - Schedule 3 species**

	Whole hedge	Stretch 1	Stretch 2	Stretch 3
	Crataegus laevigata 5%	-	-	-
	Crataegus monogyna 90%	✓	✓	✓
	Fraxinus excelsior 5%	✓	-	-
	Malus sylvestris <5%	-	-	-
	Rosa canina <5%	✓	-	-
	Sambucus nigra 5%	-	✓	✓
	Ulmus cf. *procera* <5%	✓	-	-
Species not on schedule 3				
	None			
Total – all species	7	4	2	2
Total – qualifying species	7	4	2	2

Average number of qualifying species per 30m stretch = 2.66

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 4 (hedges)

Standard trees (>1 per 50m) – Yes (*Fraxinus excelsior*)

Others – less than 10% gaps, ditch

Total number of qualifying features = 4

***(c) NOTES* - Field layer type.** MG1b 100%

Bank. None or not notable

Ditch. Internal, <0.5m wide at base, wet

Verge. SideA >2m uncut

Fence. None or not notable

Integrity. High

Management. 2-10 years, flailed or trimmed

Cross section. Unclipped

***(d) MODIFYING FACTORS* -** None

Boundary 115 – not a hedge – trees and scrub

Hedge 117, 118 – no access – no hedge at 117 or 119 (no clear sight of 118)

Hedge 119 – included in Hedge 114

Hedge 120 – 274m – Not Important

***(a) WOODY SPECIES* - Schedule 3 species**

	Whole hedge	Stretch 1	Stretch 2	Stretch 3
Crataegus ×media <5%		-	-	✓
Crataegus monogyna 90%		✓	✓	✓
Prunus spinosa 5%		-	-	✓
Rosa canina <5%		✓	-	✓
Sambucus nigra <5%		✓	-	-
Ulmus cf. *procera* 5%		-	-	-
Species not on schedule 3				
None				
Total – all species	5	3	1	4
Total – qualifying species	5	3	1	4

Average number of qualifying species per 30m stretch = 2.66

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 3 (hedges)

Standard trees (>1 per 50m) – No

Others – less than 10% gaps, ditch

Total number of qualifying features = 2

***(c) NOTES* - Field layer type.** MG1b 50%, OV24b 50%

Bank. Internal, <0.5m wide at base, wet

Ditch. None or not notable

Verge. Side A <1m uncut, Side B >2m uncut

Fence. None or not notable

Integrity. High

Management. 2-10 years, flailed or trimmed

Cross section. Clipped and dense

***(d) MODIFYING FACTORS* -** None

Hedge 121 – 194m – Not Important (borderline)

***(a) WOODY SPECIES* - Schedule 3 species**

Whole hedge		Stretch 1	Stretch 2	Stretch 3
Crataegus monogyna 60%		✓	✓	-
Malus sylvestris <5%		-	✓	-
Prunus spinosa 20%		✓	✓	-
Rosa canina <5%		-	✓	-
Sambucus nigra <5%		-	-	-
Ulmus cf. *procera* 20%		✓	✓	-
Species not on schedule 3				
None				
Total – all species	6	3	5	-
Total – qualifying species	6	3	5	-

Average number of qualifying species per 30m stretch = 4

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 4 (hedges)

Standard trees (>1 per 50m) – No

Others – less than 10% gaps, ditch for >50%

Total number of qualifying features = 3

***(c) NOTES* - Field layer type.** MG1b 100%

Bank. None or not notable

Ditch. Internal, <0.5m wide at base, dry

Verge. Side A <1m uncut

Fence. None Minor gaps

Integrity. High

Management. 2-10 years, flailed or trimmed

Cross section. Clipped and dense

***(d) MODIFYING FACTORS* -** None

Hedge 122 – 233m – Not Important

***(a) WOODY SPECIES* - Schedule 3 species**

	Whole hedge	Stretch 1	Stretch 2	Stretch 3
	Crataegus monogyna	✓	✓	✓
	Prunus spinosa	-	✓	✓
	Rosa canina	-	-	-
	Sambucus nigra	-	-	-
	Ulmus cf. *procera*	-	-	✓
Species not on schedule 3				
	None			
Total – all species	5	1	2	3
Total – qualifying species	5	1	2	3

Average number of qualifying species per 30m stretch = 2

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 4 (hedges)

Standard trees (>1 per 50m) – No

Others – None

Total number of qualifying features = 1

***(c) NOTES* - Field layer type.** -

Bank. None or not notable

Ditch. None or not notable

Verge. -

Fence. -

Integrity. Significant gaps

Management. 2-10 years, flailed or trimmed

Cross section. Unclipped

***(d) MODIFYING FACTORS* -** None

Hedge 123 – 102m – Not Important

***(a) WOODY SPECIES* - Schedule 3 species**

	Whole hedge	Stretch 1	Stretch 2	Stretch 3
	Crataegus monogyna	✓	✓	-
	Prunus spinosa	✓	✓	-
	Ulmus cf. *procera*	✓	✓	-
Species not on schedule 3				
	None			
Total – all species	3	3	3	-
Total – qualifying species	3	3	3	-

Average number of qualifying species per 30m stretch = 3

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 3 (hedges)

Standard trees (>1 per 50m) – No

Others – less than 10% gaps

Total number of qualifying features = 1

***(c) NOTES* - Field layer type.** -

Bank. None or not notable

Ditch. None or not notable

Verge. -

Fence. -

Integrity. High

Management. 2-10 years, flailed or trimmed

Cross section. Unclipped

***(d) MODIFYING FACTORS* -** None

Hedge 124 – 157m – Not Important

***(a) WOODY SPECIES* - Schedule 3 species**

	Whole hedge	Stretch 1	Stretch 2	Stretch 3
	Crataegus monogyna	✓	✓	-
	Fraxinus excelsior	✓	✓	-
Species not on schedule 3				
	None			
Total – all species	2	2	2	3
Total – qualifying species	2	2	2	3

Average number of qualifying species per 30m stretch = 2

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 2 (hedges)

Standard trees (>1 per 50m) – No

Others – less than 10% gaps

Total number of qualifying features = 1

***(c) NOTES* - Field layer type.** -

Bank. None or not notable

Ditch. None or not notable

Verge. -

Fence. -

Integrity. -

Management. -

Cross section. -

***(d) MODIFYING FACTORS* -** None

Boundaries 125 and 126 – no hedge

Hedge 127 – 117m – Not Important

***(a) WOODY SPECIES* - Schedule 3 species**

	Whole hedge	Stretch 1	Stretch 2	Stretch 3
Acer campestre <5%		✓	-	-
Crataegus ×media <5%		-	-	-
Crataegus monogyna 85%		✓	✓	-
Fraxinus excelsior <5%		✓	✓	-
Populus tremula <5%		✓	-	-
Rosa canina 5%		✓	✓	
Sambucus nigra 5%		-	✓	-
Ulmus cf. *procera*		✓	-	-
Species not on schedule 3				
None				
Total – all species	8	6	4	-
Total – qualifying species	8	6	4	-

Average number of qualifying species per 30m stretch = 5

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 2 (hedges)

Standard trees (>1 per 50m) – No

Others – less than 10% gaps

Total number of qualifying features = 1

***(c) NOTES* - Field layer type.** MG1b 100%

Bank. None or not notable

Ditch. None or not notable

Verge. Side A 1-2m uncut

Fence. Wire strand, >1.2m high

Integrity. High

Management. 2-10 years, flailed or trimmed

Cross section. Unclipped

***(d) MODIFYING FACTORS* -** None

Hedge 128 – tiny fragment <30m in total – dismissed

Hedge 129 – 293m – Not Important

***(a) WOODY SPECIES* - Schedule 3 species**

Whole hedge		**Stretch 1**	**Stretch 2**	**Stretch 3**
Crataegus monogyna 80%		✓	✓	✓
Fraxinus excelsior <5%		-	✓	✓
Malus sylvestris <5%		-	-	✓
Prunus spinosa 5%		✓	-	✓
Rosa canina 5%		-	✓	✓
Sambucus nigra 5%		✓	✓	✓
Ulmus cf. *procera* 5%		-	-	✓
Species not on schedule 3 and additional *Rosa* species				
Rosa arvensis <5%		-	-	✓
Total – all species	8	3	4	8
Total – qualifying species	7	3	4	7

Average number of qualifying species per 30m stretch = 4.66

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 4 (hedges)

Standard trees (>1 per 50m) – No

Others – less than 10% gaps

Total number of qualifying features = 2

***(c) NOTES* - Field layer type.** MG1b 100%

Bank. None or not notable

Ditch. None or not notable

Verge. Side A 1-2m uncut

Fence. None or not notable

Integrity. Minor gaps

Management. 2-10 years, flailed or trimmed

Cross section. Unclipped

***(d) MODIFYING FACTORS* -** None

Hedge 130 – 154m – Not Important

***(a) WOODY SPECIES* - Schedule 3 species**

	Whole hedge	Stretch 1	Stretch 2	Stretch 3
Crataegus monogyna		✓	✓	-
Fraxinus excelsior		-	-	
Rosa canina		-	-	-
Salix cinerea		✓	-	
Sambucus nigra		✓	-	-
Ulmus cf. *procera*		✓	-	-
Species not on schedule 3				
None				
Total – all species	6	4	1	-
Total – qualifying species	6	4	1	-

Average number of qualifying species per 30m stretch = 2.5

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 3 (hedges)

Standard trees (>1 per 50m) – Yes (2 *Fraxinus excelsior* + 5 <20cm DBH)

Others – less than 10% gaps, ditch for >50%

Total number of qualifying features = 3

***(c) NOTES* - Field layer type.** -

Bank. None or not notable

Ditch. -

Verge. -

Fence. -

Integrity. Minor gaps

Management. -

Cross section. Unclipped

***(d) MODIFYING FACTORS* -** None

Hedge 131 – 119m – Not Important

***(a) WOODY SPECIES* - Schedule 3 species**

	Whole hedge	Stretch 1	Stretch 2	Stretch 3
	Crataegus monogyna	✓	✓	-
	Fraxinus excelsior	✓	✓	-
	Prunus spinosa	✓	✓	-
Species not on schedule 3				
	None			
Total – all species	3	3	3	-
Total – qualifying species	3	3	3	-

Average number of qualifying species per 30m stretch = 3

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 3 (hedges)

Standard trees (>1 per 50m) – No (1 *Fraxinus excelsior* <20cm DBH)

Others – less than 10% gaps, ditch for >50%

Total number of qualifying features = 2

***(c) NOTES* - Field layer type.** -

Bank. None or not notable

Ditch. -

Verge. -

Fence. -

Integrity. High

Management. -

Cross section. Unclipped

***(d) MODIFYING FACTORS* -** None

Hedge 132 – 56m – Not Important (Borderline)

***(a) WOODY SPECIES* - Schedule 3 species**

	Whole hedge	Stretch 1	Stretch 2	Stretch 3
	Crataegus monogyna	✓	-	-
	Sambucus nigra	✓	-	-
	Ulmus cf. *procera*	✓	-	-
Species not on schedule 3				
	None			
Total – all species	3	3	-	-
Total – qualifying species	3	3	-	-

Average number of qualifying species per 30m stretch = 3

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 1 (hedge)

Standard trees (>1 per 50m) – No

Others – less than 10% gaps, parallel hedge

Total number of qualifying features = 2

***(c) NOTES* - Field layer type.** -

Bank. -

Ditch. -

Verge. Side A >2m uncut

Fence. None or not notable

Integrity. Minor gaps

Management. 2-10 years, flailed or trimmed

Cross section. Clipped and dense

(d) MODIFYING FACTORS – Road used as PRoW

Hedge 133 – 281m – Not Important

***(a) WOODY SPECIES* - Schedule 3 species**

	Whole hedge	Stretch 1	Stretch 2	Stretch 3
	Crataegus monogyna	-	✓	✓
	Fraxinus excelsior	✓	✓	✓
	Ligustrum vulgare	-	-	-
	Rosa canina	-	-	-
	Sambucus nigra	-	-	-
	Ulmus cf. *procera*	✓	✓	✓
Species not on schedule 3				
	Acer pseudoplatanus	-	-	-
Total – all species	7	2	3	3
Total – qualifying species	6	2	3	3

Average number of qualifying species per 30m stretch = 2.66

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 1 (hedge)

Standard trees (>1 per 50m) – Yes (1 *Acer pseudoplatanus*, 1 *Aesculus hippocastanum*, 5 *Fraxinus excelsior*)

Others – less than 10% gaps, parallel hedge

Total number of qualifying features = 3

***(c) NOTES* - Field layer type.** MG1b 100%

Bank. None or not notable

Ditch. None or not notable

Verge. Side A >2m uncut

Fence. -

Integrity. High

Management. 2-10 years, flailed or trimmed

Cross section. Clipped and dense

***(d) MODIFYING FACTORS* -** None

Hedge 134 – 211m – Not Important

***(a) WOODY SPECIES* - Schedule 3 species**

	Whole hedge	Stretch 1	Stretch 2	Stretch 3
	Acer campestre	-	-	-
	Crataegus monogyna	✓	-	-
	Fraxinus excelsior	-	✓	-
	Sambucus nigra	✓	-	-
	Ulmus cf. *procera*	✓	✓	✓
Species not on schedule 3				
	Acer pseudoplatanus	-	-	-
Total – all species	2	3	2	1
Total – qualifying species	2	3	2	1

Average number of qualifying species per 30m stretch = 2

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 3 (hedges)

Standard trees (>1 per 50m) – No (1 *Acer pseudoplatanus*)

Others – less than 10% gaps, ditch for >50%

Total number of qualifying features = 2

***(c) NOTES* - Field layer type.** MG1b 100%

Bank. None or not notable

Ditch. -

Verge. Side A >2m uncut

Fence. -

Integrity. High

Management. 2-10 years, flailed or trimmed

Cross section. Clipped and dense

***(d) MODIFYING FACTORS* -** None

Hedge 135 – 92m – not a qualifying hedge – garden hedge

***(a) WOODY SPECIES* - Schedule 3 species**

	Whole hedge	Stretch 1	Stretch 2	Stretch 3
	Acer campestre 5%	✓	-	-
	Betula pendula <5%	✓	-	-
	Crataegus monogyna 95%	✓	-	-
Species not on schedule 3				
	Malus pumila	✓	-	-
Total – all species	4	4	-	-
Total – qualifying species	3	3	-	-

Average number of qualifying species per 30m stretch = 3

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 2 (hedges)

Standard trees (>1 per 50m) – No

Others – less than 10% gaps

Total number of qualifying features = 1

***(c) NOTES* - Field layer type.** MG1b 100%

Bank. None or not notable

Ditch. None or not notable

Verge. Side A 1-2m uncut

Fence. Wire strand, >1.2m high

Integrity. High

Management. 2-10 years, flailed or trimmed

Cross section. Unclipped

***(d) MODIFYING FACTORS* -** None

Hedge 136 –(including 138) 157m – Not Important

***(a) WOODY SPECIES* - Schedule 3 species**

	Whole hedge	Stretch 1	Stretch 2	Stretch 3
	Acer campestre <5%	-	-	-
	Crataegus ×media <5%	-	✓	-
	Crataegus monogyna 85%	✓	✓	-
	Malus sylvestris <5%	-	✓	-
	Prunus spinosa 5%	✓	-	
	Sambucus nigra 5%	✓	✓	-
	Ulmus cf. *procera* 5%	-	✓	-
Species not on schedule 3				
	None			
Total – all species	7	3	5	-
Total – qualifying species	7	3	5	-

Average number of qualifying species per 30m stretch = 4

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 2 (hedges)

Standard trees (>1 per 50m) – No

Others – bank

Total number of qualifying features = 1

***(c) NOTES* - Field layer type.** OV24b 100%

Bank. Half bank, earth, non-managed

Ditch. None or not notable

Verge. Side A >2m uncut

Fence. None or not notable

Integrity. Significant gaps

Management. None

Cross section. Overgrown and leggy

***(d) MODIFYING FACTORS* -** None

Hedge 137 – 218m – Not Important

***(a) WOODY SPECIES* - Schedule 3 species**

	Whole hedge	Stretch 1	Stretch 2	Stretch 3
	Crataegus monogyna 90%	✓	✓	✓
	Fraxinus excelsior <5%	-	✓	-
	Ligustrum vulgare <5%	-	✓	-
	Malus sylvestris <5%	-	-	-
	Prunus spinosa <5%	✓	-	-
	Rosa canina 5%	-	-	✓
	Salix caprea <5%	✓	-	-
	Sambucus nigra 5%	-	-	-
	Ulmus cf. *procera*	-	✓	✓
Species not on schedule 3				
	None			
Total – all species	9	3	4	3
Total – qualifying species	9	3	4	3

Average number of qualifying species per 30m stretch = 3.33

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 2 (hedges

Standard trees (>1 per 50m) – No

Others – ditch for >50%

Total number of qualifying features = 1

***(c) NOTES* - Field layer type.** OV24b 100%

Bank. None or not notable

Ditch. External, 0.5-1m wide at base, wet

Verge. Side A >1m grazed, Side B 1-2m uncut

Fence. Wire strand, 0.6-1.2m high

Integrity. Significant gaps

Management. 2-10 years, flailed or trimmed

Cross section. Unclipped

***(d) MODIFYING FACTORS* -** None

Hedge 138 – fragment <20m therefore included in 136

Boundary 139 – no hedge

Hedge 140a – 35m – Not Important

***(a) WOODY SPECIES* - Schedule 3 species**

	Whole hedge	Stretch 1	Stretch 2	Stretch 3
	Alnus glutinosa	-		
	Cornus sanguinea	✓	-	-
	Crataegus monogyna	✓	-	-
	Fraxinus excelsior	✓	-	-
	Sambucus nigra	✓	-	-
	Ulmus glabra	✓	-	-
Species not on schedule 3				
	None			
Total – all species	6	5	-	-
Total – qualifying species	6	5	-	-

Average number of qualifying species per 30m stretch = 5

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 1 (hedge)

Standard trees (>1 per 50m) – Yes (1 *Alnus glutinosa*, 2 *Fraxinus excelsior*, 1*Quercus robur* + 1 <20cm DBH)

Others – ditch for >50%

Total number of qualifying features = 2

***(c) NOTES* - Field layer type.** -

Bank. None or not notable

Ditch. -

Verge. -

Fence. -

Integrity. Significant gaps

Management. -

Cross section. Overgrown and leggy

***(d) MODIFYING FACTORS* -** None

Hedge 85 – 141 (plus 140b) 417m – Not Important

***(a) WOODY SPECIES* - Schedule 3 species**

	Whole hedge	Stretch 1	Stretch 2	Stretch 3
	Acer campestre	-	✓	-
	Cornus sanguinea	-	-	-
	Crataegus monogyna	✓	✓	✓
	Fraxinus excelsior	-	-	✓
	Prunus avium	-	✓	✓
	Prunus spinosa	✓	-	-
	Rosa canina	-	-	-
	Sambucus nigra	✓	-	-
	Ulmus cf. *procera*	-	-	✓
Species not on schedule 3				
	Malus pumila	-	-	-
Total – all species	10	3	3	4
Total – qualifying species	9	3	3	3

Average number of qualifying species per 30m stretch = 3.33

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 1 (hedge)

Standard trees (>1 per 50m) – Yes (5 *Acer campestre*, 1 *Betula pendula*, 4 *Fraxinus excelsior*, 5*Prunus avium*, 1 *Quercus robur*)

Others – less than 10% gaps

Total number of qualifying features = 2

***(c) NOTES* - Field layer type.** -

Bank. None or not notable

Ditch. None or not notable

Verge. -

Fence. -

Integrity. -

Management. -

Cross section. -

***(d) MODIFYING FACTORS* -** None

Hedges 142, 143 and 144 – no access

Boundary 145 and 146 – no hedge

Hedge 147 – actual length 80m – Not Important

***(a) WOODY SPECIES* - Schedule 3 species**

	Whole hedge	Stretch 1	Stretch 2	Stretch 3
	Crataegus laevigata 30%	✓	-	-
	Crataegus monogyna 65%	✓	-	-
	Sambucus nigra 5%	✓	-	-
Species not on schedule 3				
	None			
Total – all species	3	3	-	-
Total – qualifying species	3	3	-	-

Average number of qualifying species per 30m stretch = 3

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 0

Standard trees (>1 per 50m) – No

Others – less than 10% gaps

Total number of qualifying features = 1

***(c) NOTES* - Field layer type.** OV24b 100%

Bank. None or not notable

Ditch. None or not notable

Verge. Side A 1-2m uncut

Fence. None or not notable

Integrity. High

Management. 2-10 years, flailed or trimmed

Cross section. Unclipped

***(d) MODIFYING FACTORS* -** None

Boundary 148 – no hedge

Boundaries 149, 150, 151 – no access - not qualifying hedges - well-spaced bushes and trees that may represent defunct hedges.

Boundary 152 – no hedge

Boundaries 153 and 154 - not qualifying hedges - well-spaced bushes and trees that may represent defunct hedges.

Hedge 155 – 238m – Not Important

***(a) WOODY SPECIES* - Schedule 3 species**

	Whole hedge	Stretch 1	Stretch 2	Stretch 3
	Acer campestre <5%	-	-	-
	Crataegus laevigata 5%	-	-	-
	Crataegus monogyna 75%	✓	✓	✓
	Fraxinus excelsior 5%	✓	✓	✓
	Prunus spinosa 5%	✓	✓	-
	Sambucus nigra 10%	✓	✓	✓
Species not on schedule 3				
	Acer pseudoplatanus	✓	-	-
	Prunus domestica	-	-	-
Total – all species	8	5	4	3
Total – qualifying species	6	4	4	3

Average number of qualifying species per 30m stretch = 3.66

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 2 (hedges)

Standard trees (>1 per 50m) – Yes

Others – None

Total number of qualifying features = 1

***(c) NOTES* - Field layer type.** OV24b 100%

Bank. None or not notable

Ditch. None or not notable

Verge. Side A 1-2m part cut, Side B 1-2m uncut

Fence. None or not notable

Integrity. Significant gaps

Management. None

Cross section. Overgrown and leggy

***(d) MODIFYING FACTORS* -** None

Hedge 156 – 82m – Not Important

***(a) WOODY SPECIES* - Schedule 3 species**

	Whole hedge	Stretch 1	Stretch 2	Stretch 3
	Crataegus monogyna 90%	✓	-	-
	Sambucus nigra 10%	✓	-	-
Species not on schedule 3				
	Prunus domestica <5%	-	-	-
Total – all species	3	2	-	-
Total – qualifying species	2	2	-	-

Average number of qualifying species per 30m stretch = 2

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 2 (hedges)

Standard trees (>1 per 50m) – No

Others – None

Total number of qualifying features = 0

***(c) NOTES* - Field layer type.** OV24b 100%

Bank. None or not notable

Ditch. None or not notable

Verge. Side A >2m part cut, Side B 1-2m uncut

Fence. None or not notable

Integrity. Significant gaps

Management. None

Cross section. Overgrown and leggy

***(d) MODIFYING FACTORS* -** None

Hedge 157 – actual length 95m – Not Important

***(a) WOODY SPECIES* - Schedule 3 species**

	Whole hedge	Stretch 1	Stretch 2	Stretch 3
	Crataegus monogyna 90%	✓	-	-
	Sambucus nigra 10%	✓	-	-
Species not on schedule 3				
	None			
Total – all species	2	2	-	-
Total – qualifying species	2	2	-	-

Average number of qualifying species per 30m stretch = 2

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** None.

Number of connection points – 1 (hedge)

Standard trees (>1 per 50m) – No (veteran *Castanea sativa* at western end)

Others – None

Total number of qualifying features = 0

***(c) NOTES* - Field layer type.** OV24b 100%

Bank. None or not notable

Ditch. None or not notable

Verge. Side A >2m part cut, Side B 1-2m uncut

Fence. None or not notable

Integrity. Significant gaps

Management. None

Cross section. Overgrown and leggy

***(d) MODIFYING FACTORS* -** None

Hedges 158 and 159 – no access

Hedge 160 – 135 – Not Important

***(a) WOODY SPECIES* - Schedule 3 species**

Whole hedge		Stretch 1	Stretch 2	Stretch 3
Crataegus monogyna 100%		✓	✓	-
Fraxinus excelsior <5%		-	-	-
Rosa canina <5%		-	✓	-
Sambucus nigra <5%		-	-	-
				-
Species not on schedule 3				
None				
Total – all species	4	1	2	-
Total – qualifying species	4	1	2	-

Average number of qualifying species per 30m stretch = 1.5

***(b) FEATURES* - Schedule 2 woodland indicator species (total) –** *Geum urbanum*, *Viola odorata* (2)

Number of connection points – 1 (hedge)

Standard trees (>1 per 50m) – Yes (but doubtful – many small *Fraxinus excelsior*)

Others – less than 10% gaps

Total number of qualifying features = 2

***(c) NOTES* - Field layer type.** MG1b 100%

Bank. Small half bank <0.5m in part only

Ditch. None or not notable

Verge. Canal towpath

Fence. None or not notable

Integrity. High

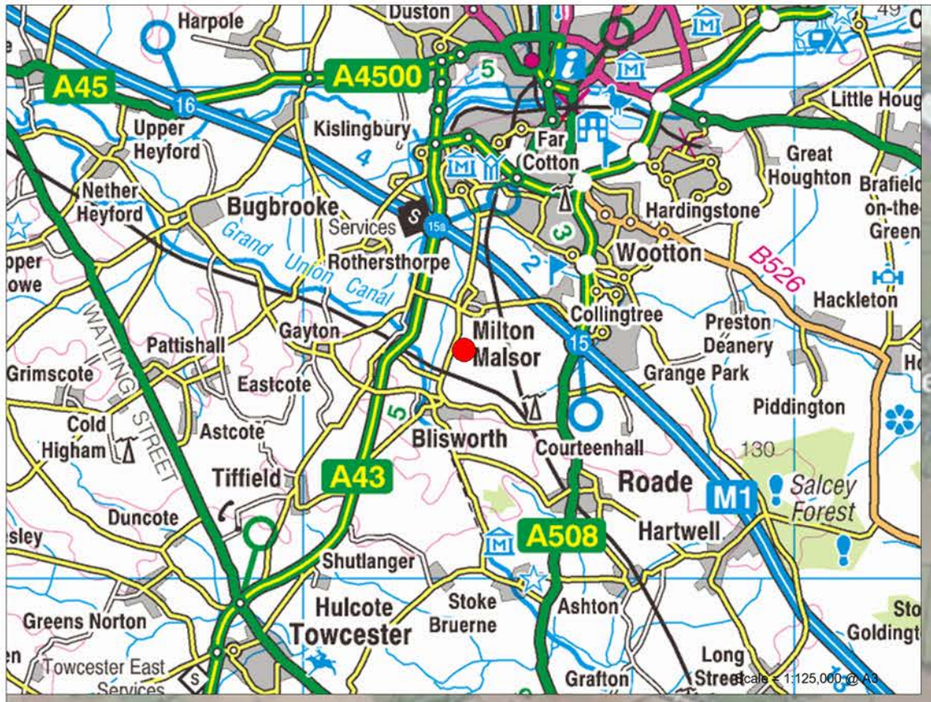
Management. 2-10 years, flailed or trimmed (has coppice stools)

Cross section. Clipped and dense

***(d) MODIFYING FACTORS* –** PRoW canal towpath

APPENDIX B: FIGURES

Figure D1.1 – Site Location Plan
Figure D1.2 – Site Location Plan
Figure D2.1 – Surveyed Hedgerows & Boundaries
Figure D3.1 – Hedgerows Survey Results



Site boundary (July 2017)

Rev	Date	Description	Drn	Chk	App
00	13.07.17	855950	SP	RG	RE

Rail Central

RSK

Figure D1.1

Main SRFI Site
Site Location Plan

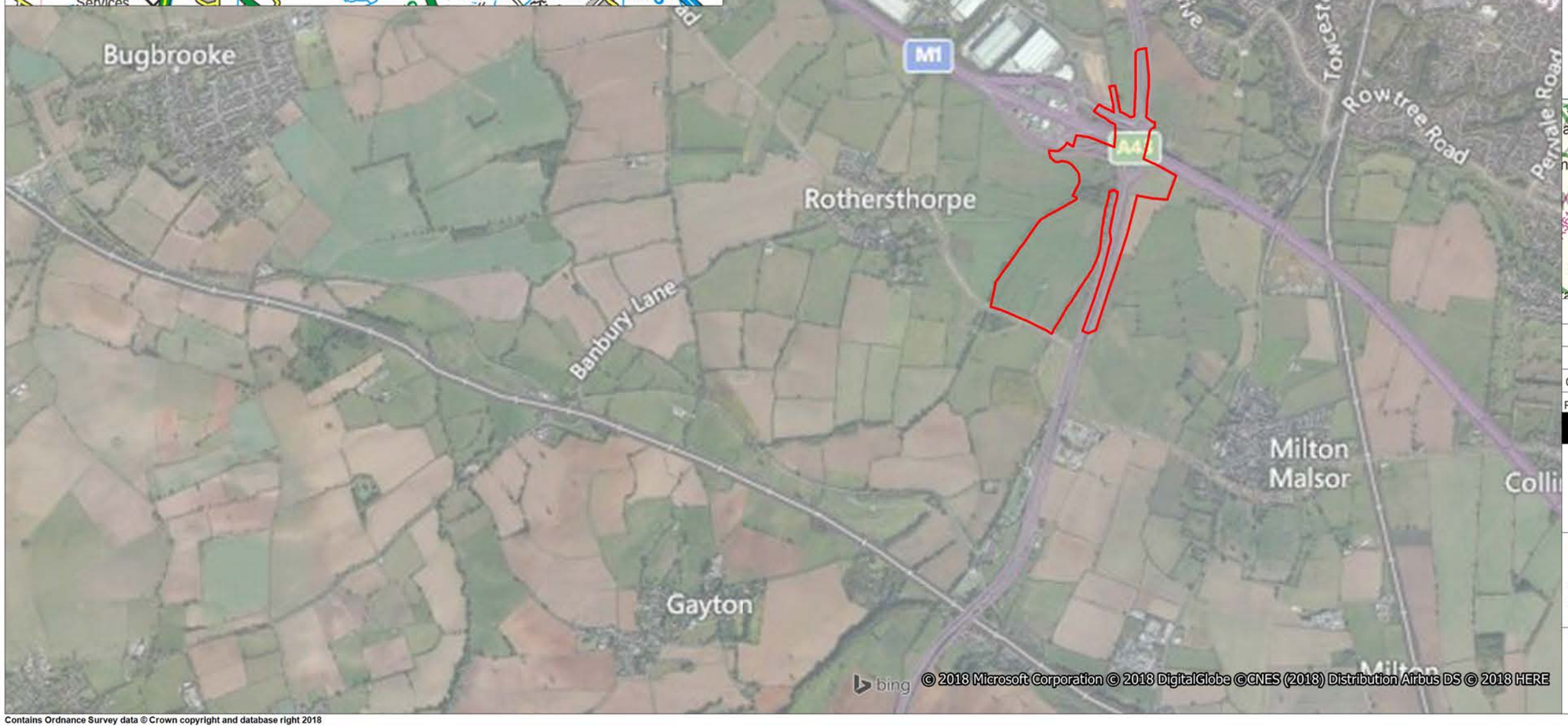
0 750
Metres
Scale = 1:25,000 @ A3

N W E S

REV 00

File Name : T:\Projects\Projects 855941 - 855960\855950 - Armtrack\07 GIS\10 - Workspaces

Site boundary (Jan 2018)



Rev	Date	Description	Drn	Chk	App
00	29.01.18	855950	SP	RG	RE

Rail Central

RSK

Figure D1.2

Junction 15a
Site Location Plan

0 750
Metres
Scale = 1:25,000 @ A3

N W E S

REV 00

File Name : U:\Ecology\855000s\855950 - Armtrack (Rail Central)

Site boundary (July 2017)

Surveyed hedgerow / boundary

Rev	Date	Description	Drn	Chk	App
00	13.07.17	855950	SP	RG	TC

Rail Central

RSK

Figure D2.1

Surveyed Hedgerows and Boundaries Identified from Aerial Imagery

0 375

metres

Scale = 1:12,500 @ A3

N W E S

REV 00

File Name : T:\Projects\Projects 855941 - 855960\855950 - Armtrack (Rail Central)\07 GIS

Site boundary (Dec 2016)
Surveyed - Important hedgerow
Surveyed - Borderline hedgerow
Surveyed - Unimportant hedgerow
Surveyed - Non-qualifying boundary
Surveyed - Other woody boundary
Surveyed - No hedgerow boundary
No access or outside survey area

Rev	Date	Description	Drn	Chk	App
00	13.07.17	855950	SP	RG	TC

Rail Central

RSK

Figure D3.1

Hedgerows Survey Results

0 375
metres
Scale = 1:12,500 @ A3

N W E S

REV 00

File Name : T:\Projects\Projects 855941 - 855960\855950 - Armtrack (Rail Central)\07 GIS