

A303 Sparkford to Ilchester Dualling Scheme TR010036

6.3 Environmental Statement Appendix 8.3 Hedgerow Technical Report

APFP Regulation 5(2)(a)
Planning Act 2008

Infrastructure Planning (Applications: Prescribed
Forms and Procedure) Regulations 2009
July 2018



Infrastructure Planning

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(Applications: Prescribed Forms
and Procedure) Regulations
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**A303 Sparkford to Ilchester Dualling
Scheme**

Development Consent Order 201[X]

**6.3 Environmental Statement
Appendix 8.3 Hedgerow Technical Report**

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Executive summary

The proposed A303 Sparkford to Ilchester Dualling scheme (hereafter referred to as 'the scheme') is to provide a continuous dual-carriageway on the A303 linking the Podimore Bypass and the Sparkford Bypass.

The construction of the scheme would require the removal, severance or degradation of hedgerows. Hedgerows are afforded protected under the *Hedgerow Regulations 1997*. Surveys have identified the presence of 28 hedgerows classified as 'important' under the *Hedgerow Regulations 1997* within the scheme footprint.

The removal or partial removal of native hedgerows, especially those classified as species rich and 'important' under the *Hedgerow Regulations 1997*, should be avoided where possible. In order to gain permission to remove sections of hedgerow, a hedgerow removal notice can be submitted in writing to the local planning authority. Alternatively, hedgerow removal must be permissioned through the Development Consent Order.

Where the retention of important or species rich hedgerows is not possible, new hedgerows connected to existing habitat within the landscape would be created. These would compensate for the losses of wildlife corridors that hedgerows provide. The species composition of the new hedges would be native and species rich, taking into account the species within both hedgerows lost and those that remain in the surrounding area.

Landscape planting would ensure that there is no net loss of hedgerows, ensuring compliance with national and local policy. Following maturation of landscape planting it is anticipated that any adverse impacts on hedgerows and the wildlife corridors that they provide would be mitigated for; therefore, the effects on the conservation status are not anticipated to be significant.

1 Introduction

1.1 Overview of the scheme

Existing corridor

1.1.1 The A303 forms part of Highways England's Strategic Road Network (SRN) and a strategic link between the south west and the rest of the south, south-east and London. The route comprises multiple road standards, including dual carriageway, single carriageway and single carriageway sections with overtaking lanes. Speed limits also vary between 40 miles per hour and 70 miles per hour, depending on the character of the road and its surroundings.

Existing road

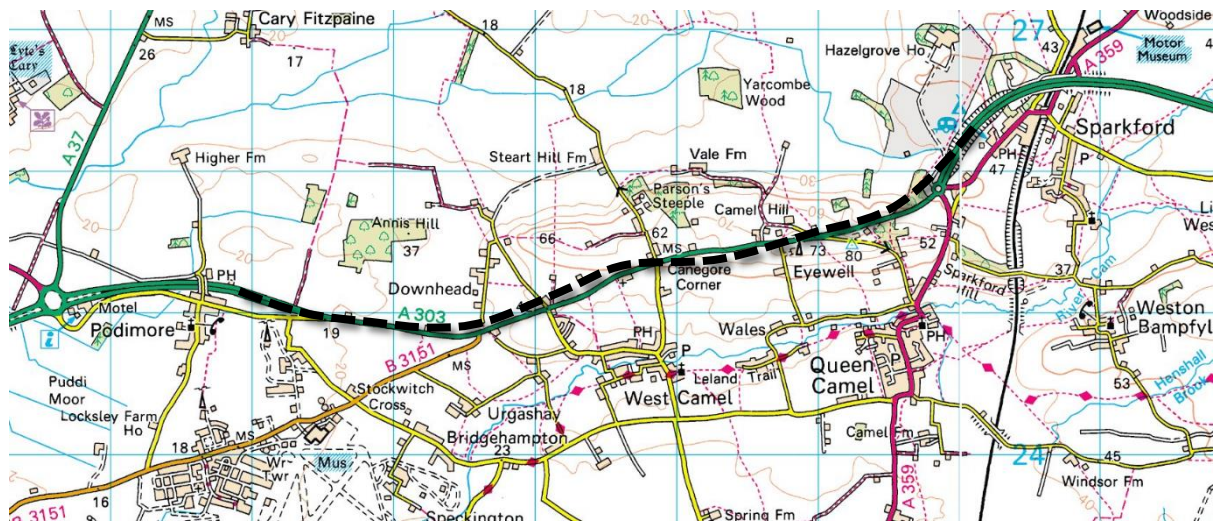
1.1.2 The section of the A303 that is being upgraded as part of this scheme commences at the eastern limits of the existing dual carriageway, the Podimore Bypass. Travelling east, the corridor reaches the junction with the B3151 before bearing north east and rising upwards through Canegore Corner to reach the crest of Camel Hill at Eyewell. This section of the corridor is characterised by a single lane road, with double white lines negating overtaking and subject to a 50 miles per hour speed limit. There are several priority junctions along the route giving access to the settlements of Queen Camel and West Camel to the south and Downhead to the north, as well as several farm accesses and parking laybys.

1.1.3 From the crest of Camel Hill, the corridor descends to meet the roundabout at the western limit of the dual carriageway Sparkford Bypass (Hazlegrove Roundabout). This section comprises 2 lanes in the westbound direction, 1 lane in the eastbound direction and is also subject to a 50 miles per hour speed limit. Hazlegrove Roundabout forms a junction between the A303 and the A359 which runs south through Queen Camel and north-east through Sparkford. The roundabout also provides access to a service station, and to a school at Hazlegrove House.

1.1.4 The section of the A303 that is to be upgraded is almost 3.5 miles, or approximately 5.6 kilometres long.

1.1.5 The extents of the scheme are illustrated in Figure 1.1 below. Figure 2.1 of Volume 6.2 shows the proposed red line boundary for the scheme.

Figure 1.1: Scheme extents



Source: Mott MacDonald Sweco Joint Venture

Scheme proposals

1.1.6 The proposed scheme is to provide a continuous dual-carriageway linking the Podimore Bypass and the Sparkford Bypass. The scheme would involve the removal of at-grade junctions and direct accesses. The Hazlegrove Junction would be constructed to grade-separated standards and Downhead Junction and Camel Cross Junction would be constructed to compact grade-separated standards, as illustrated on Figure 2.3 General Arrangement Plans, contained in Volume 6.2.

1.1.7 A detailed description of the scheme is provided within Chapter 2 The Scheme of Volume 6.1.

1.2 Scope of report

1.2.1 The objectives of this report are:

- to inform the Environmental Impact Assessment (EIA)
- to collect and review the Phase 1 habitat survey to identify potential species rich hedgerows, and those connected to other notable features, for example ponds, woodland, other hedgerows
- to present the results of the hedgerow assessments, including the notable herb layer species for those hedgerows thought to be species rich
- to assess the importance of the hedgerows, specifically whether hedgerows are considered 'important' under the *Hedgerow Regulations (1997)* and whether they are species rich
- to assess the potential impacts of the scheme on both important and non-important hedgerows and their associated features
- to assess the potential impacts of the scheme on hedgerow severance
- to provide recommendations for further mitigation, habitat creation and enhancement

1.3 Legislation

- 1.3.1 The *Hedgerow Regulations 1997* protect important hedgerows from damage or destruction. The key principle of the hedgerow regulations is that those in the countryside are often ancient features that have been part of the landscape for many centuries. Their age, combined with the fact that they are valuable assets in ecological terms, means that important hedgerows merit a degree of protection.
- 1.3.2 The removal of countryside hedgerows (excluding garden hedges) is prohibited without first submitting a hedgerow removal notice to the local planning authority (LPA). In considering the removal notice, the LPA can order the retention of 'important' hedgerows. The regulations set out the criteria under which hedgerows are considered important.
- 1.3.3 A hedgerow is defined within the *Hedgerow Survey Handbook*¹ as 'any boundary line of trees or shrubs over 20 metres long and less than 5 metres wide at the base, provided that at one time the trees and shrubs were more or less continuous'. This includes shrubby hedgerows; lines of trees and very gappy hedgerows, where each section may be less than 20 metres long, but the gaps are less than 20 metres.
- 1.3.4 For the purposes of the *Hedgerow Regulations 1997*, a hedgerow is classified as 'important' if it, or the hedgerow of which it is a stretch:
- I. has existed for 30 years or more
 - II. satisfies at least 1 of the criteria listed in Part II of Schedule 1. This criterion is presented in appendix A
- 1.3.5 All native hedgerows (including species-poor ones) are listed under Section 41 of the *Natural Environment and Rural Communities (NERC) Act 2006* and are considered to be of high conservation value.
- 1.3.6 Species-rich hedgerows are defined as those containing an average of 5 or more native woody species (or at least 4 in northern and eastern England, upland Wales and Scotland) per 30 metres length.

1.4 Status of hedgerows at the national level

- 1.4.1 Historically, hedgerows were listed as a UK Biodiversity Action Plan (BAP) habitat and are now listed as a habitat of 'principal importance for the conservation of biodiversity in England' under Sections 41 and 42 of the *NERC Act 2006*.

¹ Defra (2007) *Hedgerow Survey Handbook*: A standard procedure for local surveys in the UK. Defra, London.

- 1.4.2 Hedgerows over 20 metres in length that are composed of at least 80% of 1 or more UK native species, are classed as a UK habitat of principal importance.

1.5 Status of hedgerows at county level

- 1.5.1 Although the UK BAP has been superseded, BAPs are still widely used at county level to support *Biodiversity 2020*². Hedgerows and Hedgerow Trees are listed as a Somerset BAP habitat, with actions to halt the net loss of hedges and hedgerow trees, increase new hedge planting and hedge laying.

² Defra (2011) *Biodiversity 2020: A strategy for England's wildlife and ecosystem services* [online] available at: https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/69446/pb13583-biodiversity-strategy-2020-111111.pdf (last accessed March 2018).

2 Methodology

2.1.1 The Zone of Influence (Zoi) for the scheme with regard to hedgerows is 50 metres. This is the maximum distance from works that hedgerows would be impacted, either directly or indirectly, as determined by professional judgement.

2.2 Desk study

2.2.1 The aims of the desk study with specific regard to hedgerows, was to identify all hedgerows directly impacted by the scheme and within 50 metres of the scheme red line boundary using the Phase 1 habitat maps produced following the Phase 1 habitat surveys, and online databases. The following databases were used to extract the required information outlined above:

- Google Maps³
- Multi-Agency Geographic Information for the Countryside (MAGIC) website⁴

2.2.2 All hedgerows were then individually numbered using a sequential numerical referencing system to identify them for surveying. Hedgerows less than 20 metres in length or with gaps of more than 20 metres in length, were not classed as hedgerows and were not highlighted for surveying. Appendix B displays the locations of all hedgerows.

2.2.3 The historic importance of hedgerows within 50 metres of the scheme was reviewed using maps indicating pre-1850s parish boundaries. Hedgerows which form historic field patterns, enclosures and field boundaries are discussed within the Cultural Heritage Desk Based Assessment (Appendix 6.1 of Volume 6.3 of the Environmental Statement).

2.3 Hedgerow assessment

2.3.1 All hedgerows that fall or partly fall within the scheme and a surrounding 50 metre buffer from the red line scheme boundary were surveyed to comply with the requirements of the 'Wildlife and Landscape Criteria' in the *Hedgerow Regulations 1997*. Areas considered as 'within the Scheme' are as follows:

- areas to be directly within the land take for the scheme and access
- areas that would be temporarily affected during construction
- areas likely to be impacted by hydrological disruption
- areas where there is a risk of pollution and noise disturbance during construction or operation

³ Google (2018) Google maps [online] available at: <https://maps.google.co.uk/> (last accessed April 2018)

⁴ Defra (2018) Multi-Agency Geographic Information for the Countryside [online] available at: <http://magic.defra.gov.uk/> (last accessed April 2018)

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- 2.3.2 Each survey was completed by 2 experienced ecologists with experience of undertaking botanical and hedgerow surveys. As part of this survey, the hedgerows were identified and mapped in accordance with the *Hedgerow Regulations 1997*. Species lists were compiled and any signs of fauna noted. An 8-digit grid reference was taken at the start and end points of each hedgerow using the British National Grid Ordnance System.
- 2.3.3 To ensure quantifiable lengths of hedgerow were surveyed; end points were defined as stated in the *Hedgerow Survey Handbook*¹. These were identified as where there was a connection to another feature (for example, hedge, road, wall or fence), a gap of 20 metres or more, or a link to woodland or other semi-natural habitat.
- 2.3.4 Hedgerow surveys were undertaken on each hedgerow within the area of the scheme and within a 50 metre buffer. Fifty-nine hedgerows were surveyed in August and September 2017 to assess their quality and determine the importance of hedgerows present within the survey area. Hedgerow surveys can be undertaken at any time of the year; however, August and September are optimum months as the trees and shrubs are in leaf and the ground flora is in flower. An additional 15 hedgerows were surveyed in November 2017 due to changes in the red line boundary.
- 2.3.5 The hedgerows within the survey are shown in appendix B. Photographs of surveyed hedgerows are shown in appendix C. The survey sheets for each hedgerow are included in appendix D.
- 2.3.6 The primary and most important criteria for determining whether a hedgerow is covered by the regulations is the number of woody species within the surveyed section. Woody species are defined as those listed in Schedule 3 of the *Hedgerow Regulations 1997*, and are essentially those tree and shrub species that are indicative of an ancient hedgerow.
- 2.3.7 For the purposes of this assessment, each hedgerow was sampled in typical 30 metre sections in accordance with the guidance outlined within Schedule 1 Part II of the *Hedgerow Regulations 2007*:
- I. length of the hedgerow does not exceed 30 metres, whole hedgerow surveyed
 - II. hedgerow exceeds 30 metres, but not exceeding 100 metres, central stretch of 30 metres surveyed
 - III. hedgerow exceeding 100 metres, but not exceeding 200 metres, central 30 metres stretch within each half of the hedgerow surveyed
 - IV. hedgerow exceeding 200 metres, central 30 metres stretch within each third of the hedgerow surveyed
- 2.3.8 The woody species relevant to the *Hedgerow Regulations 1997* present in each section were recorded, along with any additional woody species. This included
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both those not in any of the 30 metre sections but present in the rest of the length and additional woody species that are not relevant to the hedgerow regulations assessment, for example sycamore *Acer pseudoplatanus*.

2.3.9 An estimation of individual woody species was assessed using the DAFOR scale (a simple qualitative plant abundance cover classification system)⁵ from, as follows:

- D: Dominant- comprises most of the community
- A: Abundant -very frequent in the community but not dominant
- F: Frequent- frequently seen in the community
- O: Occasional- seen but not frequently occurring
- R: Rare- hardly ever found

2.3.10 The secondary set of criteria that are assessed relate to the whole hedgerow, not just the 30 metre section surveyed. Ground flora within the whole hedge and within 1 metre of the outermost edges of the hedge was recorded. The number of woodland species relevant to the *Hedgerow Regulations 1997* was counted as 3 or more constitute an associated feature. Woodland species are listed in Schedule 2 of the *Hedgerow Regulations 1997*, and are plant species that, because of the conditions that they grow in, indicate an ancient hedgerow. Additional features such as ditches, walls, banks, parallel hedges, connections and standard and rare trees were also recorded.

2.4 Survey constraints

2.4.1 It was not possible to survey some areas within the survey extent; this is largely due to limited or irregular land access. This includes hedgerow 60, which was not surveyed due to denied land access. All other remaining hedgerows with granted land access have had surveys carried out.

2.4.2 During the surveys, hedgerow 6 was found to have undergone recent flail cutting, and therefore it was not possible to fully assess species diversity. Therefore, this hedgerow may need to be re assessed prior to construction.

2.4.3 Field surveys were restricted to locations where landowners granted permission, and therefore it was not possible in all instances to survey the hedgerows from both sides in accordance with best practice. In addition, in some areas, vegetation prevented surveyors from accessing both sides of a hedgerow. Nevertheless, it is considered that sufficient data has been collected for hedgerow evaluation and an accurate representation of the species was obtained, and therefore this is unlikely to have detracted from the reliability of results.

⁵ Kent and Coker (1993) *Vegetation Description and Analysis: A practical approach*.

- 2.4.4 This report is based on the scheme information obtained at the time of the appraisal. If the design is subject to significant change then an updated report with associated surveys may be required.

3 Results

3.1 Hedgerow assessment

- 3.1.1 A total of 76 hedgerows were recorded within the survey area and were subject to further assessment. 43 hedgerows were found to be species-rich, 30 species-poor, 2 species-poor defunct and 1 hedgerow was not surveyed, due to access. Detailed survey results, including species listings for all hedgerows are located within appendix D.
- 3.1.2 To be classified as important, a hedgerow must be at least 30 years old and meet at least 1 of the 8 criteria set out in Schedule 1 of the *Hedgerow Regulations 1997*, summarised in appendix A.
- 3.1.3 Of the 43 species-rich hedgerows 28 qualified as ‘important’ under the *Hedgerow Regulations 1997* due to their wildlife and landscape value. Of these, 26 will be subject to impacts due to the scheme. All ‘important’ hedgerows and their reason for classification are detailed in Table 3.1.

Table 3.1: Description of hedgerows qualifying as ecologically ‘important’

Hedgerow Number	Reason for importance under the hedgerow regulations	Length (m)
4	Adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic, at least 4 woody species and at least 2 associated features	600
5	Adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic, at least 4 woody species and at least 2 associated features	600
16	Contains at least 6 woody species and 3 associated features	120
19	Contains at least 6 woody species and 3 associated features. Adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic, at least 4 woody species and at least 2 associated features	325
20	Contains at least 6 woody species and 3 associated features. Adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic, at least 4 woody species and at least 2 associated features	415
21	Contains at least 6 woody species and 3 associated features. Adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic, at least 4 woody species and at least 2 associated features	475
22	Contains at least 6 woody species and 3 associated features. Adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic, at least 4 woody species and at least 2 associated features	785
23	Contains at least 6 woody species and 3 associated features	140
25	Contains at least 6 woody species and 3 associated features	190
30	Contains at least 7 woody species and 3 associated features. Adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic, at least 4 woody species and at least 2 associated features	155
31	Contains at least 7 woody species and 3 associated features. Adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic, at least 4 woody species and at least 3 associated features	210
35	Contains at least 4 woody species and 3 associated features. Adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic, at least 4 woody species and at least 2 associated features	144
36	Contains at least 6 woody species and 3 associated features. Adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic, at least 4 woody species and at least 2 associated features	95

Hedgerow Number	Reason for importance under the hedgerow regulations	Length (m)
37	Contains at least 7 woody species and 3 associated features. Adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic, at least 4 woody species and at least 2 associated features	183
46	Contains at least 4 woody species and 3 associated features. Adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic, at least 4 woody species and at least 2 associated features	160
49	Contains at least 6 woody species and 3 associated features	80
50	Contains at least 7 woody species and 3 associated features	130
54	Contains at least 6 woody species and 3 associated features	430
56	Contains at least 4 woody species and 3 associated features. Adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic, at least 4 woody species and at least 2 associated features	295
59	Contains at least 4 woody species and 3 associated features. Adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic, at least 4 woody species and at least 2 associated features	380
60	Contains at least 4 woody species and 3 associated features. Adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic, at least 4 woody species and at least 2 associated features	95
63	Contains at least 6 woody species and 3 associated features	130
67	Contains at least 4 woody species and 3 associated features. Adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic, at least 4 woody species and at least 2 associated features	430
70	Contains at least 4 woody species and 3 associated features. Adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic, at least 4 woody species and at least 2 associated features	395
71	Contains at least 4 woody species and 3 associated features. Adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic, at least 4 woody species and at least 2 associated features	865
72	Contains at least 4 woody species and 3 associated features. Adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic, at least 4 woody species and at least 2 associated features	1,300
74	Contains at least 7 woody species and 3 associated features. Adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic, at least 4 woody species and at least 2 associated features	400
75	Contains at least 7 woody species and 3 associated features.	83

3.1.4 Many hedgerows demarked field boundaries, with the adjacent land use principally dominated by arable fields and hardstanding. They were predominantly categorised as intact species-rich, often with mature trees and frequently either associated with a ditch or on a bank.

3.1.5 Mature standards present within some of the hedgerows included occasional field maple *Acer campestre*, English oak *Quercus robur* and ash *Fraxinus excelsior*. The shrub layer was comprised of locally dominant blackthorn *Prunus spinose*, hawthorn *Crataegus monogyna* and English elm *Ulmus procera*. Locally frequent species present within the shrub layer include elder *Sambucus nigra* and dogwood *Cornus sanguinea*. Species that had a rare abundance within the shrub layer were hazel *Corylus avellana*, grey poplar *Populus x canescens* rose *Rosa* sp., spindle *Euonymus europaeus*, willow *Salix* sp., wayfaring tree *Viburnum lantana*, wild cherry *Prunus avium*, yew *Taxus baccata*, gorse *Ulex europaeus* and wild privet *Ligustrum vulgare*.

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- 3.1.6 Most hedgerows present had a linear grass verge running parallel to the hedgerow and can be considered neutral improved or neutral species-poor semi-improved grassland habitat. Only 1 hedgerow (hedgerow 16) had a riparian habitat (stream) associated with the hedgerow. Locally frequent water mint *Mentha aquatica* was present within the riparian ground flora. The ground flora was generally species poor and dominated by ivy *Hedera helix* and common nettle *Urtica dioica*, creeping thistle *Cirsium arvense*, bramble *Rubus fruticosus* and false oat grass *Arrhenatherum elatius*. Occasional species included hemlock *Conium maculatum*, teasle *Dipsacus fullonum*, black bryony *Tamus communis*, white bryony *Bryonia dioica*, meadowsweet *Filipendula ulmaria*, red and white dead nettle *Lamium purpureum* and *L. alba*, woody nightshade *Solanum dulcamara*, hogweed *Heracleum sphondylium*, hedge bindweed *Calystegia sepium*, sycamore *Acer pseudoplatanus* and traveller's-joy *Clematis vitalba*.
- 3.1.7 Multiple hedgerows within 50 metres of the scheme are recorded within historic mapping, dating back to 1913. This includes ancient hedgerows bordering fields, tracks, and roads. None of the ground flora associated with the surveyed hedgerows can be considered to be species-rich or of unimproved grassland habitat. No orchid species were present when the hedgerows were surveyed. It is likely that the majority of hedgerows are flailed on an annual basis. No obvious coppicing / shredding management or leggy hedgerows were observed during the survey.
- 3.1.8 No signs of faunal presence were recorded during the hedgerow assessments; however, the hedgerows were considered suitable to support common bird species and provide bat commuting features. In addition, badger walkover surveys noted evidence of small mammal activity from badger within hedgerows across the scheme. A badger sett was recorded at the northern end of hedgerow 32, with 'push-unders' into the field to the east.

4 Potential impacts

4.1 Construction

4.1.1 The construction works would result in the loss of, or partial loss, of hedgerows, including those species-rich and 'important'. The potential impacts on important hedgerows resulting during construction are as follows:

- loss of hedgerows
- fragmentation of connectivity between hedgerows
- severance of wildlife corridor routes

4.1.2 The construction of the road would require the removal of hedgerows to allow the future operation of the road. The majority of the hedgerows surveyed either lie along the verge of the existing A303, or connect to these hedgerows; therefore, many of the hedgerows within 50 metres of the scheme would require removal of some form, as they are adjacent to the existing road.

4.1.3 In total approximately 1.6 kilometres of hedgerows would require removal. Of this, approximately 2.8 kilometres would be a permanent loss and 7.7 kilometres would be a temporary loss, which would be reinstated following construction. Where species poor and defunct hedgerows are subject to temporary loss, these would be reinstated with species rich hedgerows. The likely linear metres loss of each hedgerow habitat is detailed within Table 4.1 below.

Table 4.1: Total length of hedgerows to be removed

Habitat	Permanent Loss (linear m)	Temporary Loss (linear m)
Species rich hedge with trees	838.04	2,201.57
Species rich hedge	824.57	3,778.03
Species poor hedge with trees	195.27	380.84
Species poor hedge	951.26	1,460.79
Defunct hedge	0	454.23

4.1.4 Of the 10.6 kilometres of hedgerow likely to require removal, approximately 6 kilometres is species-rich, with 4.6 kilometres 'important' under the *Hedgerow Regulations 1997*. The total length of important hedgerows which would be removed has been calculated in Table 4.2 below.

Table 4.2: Length of 'Important' hedgerows to be removed

Habitat	Permanent Loss (linear m)	Temporary Loss (linear m)
'Important' hedgerow	587.34	1,793.07
'Important' hedgerow with trees	517.27	1,668.16

4.1.5 The majority of the 'Important' hedgerows would be subject to partial removal; however, a number would require complete removal to facilitate the scheme. A

total of 1.1 kilometres would be permanently loss due to the scheme. Of those partially removed, most would be subject to removal of an end section (less than 25% of the hedgerow length), 2 would be subject to loss of 50%, and 1 hedgerow would require the creation of a temporary gap to allow access of a haul route (hedgerow 35). The potential impacts to important hedgerows are shown in Table 4.3 below.

Table 4.3: Impacts to 'Important' hedgerows

		Hedgerow number															
Impact		4	5	16	19	20	21	22	23	25	30	31	35	36	37	46	49
None			X									X	X	X			
Partial removal		X		X	X	X	X	X	X						X		
Temporary Gap						X									X		
Removal										X	X					X	X
		Hedgerow number															
Impact		50	54	56	59	60	63	67	70	71	72	74	75				
None		X															
Partial removal			X		X				X	X	X	X	X				
Removal				X		X	X	X									

4.1.6 In addition, 3.9 kilometres of hedgerow surround site compounds or temporary storage areas. These hedgerows could be subject to possible disturbance during construction, due to construction dust or material storage within root protection areas. This potential for disturbance will be avoided during construction, as detailed within section 5, and as such no impacts are anticipated on these hedgerows.

4.1.7 The mitigation measures proposed within section 5 are tried and tested techniques that are frequently applied as mitigation during development. In summary, the magnitude of impact during construction would be Minor Adverse due to the loss of 'Important' and species rich hedgerows.

4.1.8 This would have a Minor Adverse effect at the Local level due to the temporary loss and severance of hedgerows. The confidence of prediction is Near Certain, due to the survey effort undertaken.

4.2 Operation

4.2.1 There would be a short term adverse effect whilst the replacement hedgerow planting establishes. The lost hedgerows would be replaced with native planting of species-rich hedgerows of equal or higher value than those lost. Where possible, these would be reinstated in the locations of the original hedgerows and any temporary breaks in connectivity would be replanted. There would be a net loss in the length of hedgerows within the area surrounding the proposed new route of the scheme, due to hedgerows lost from the footprint of the road.

However, the replanted hedgerows would be species rich and retained hedgerows would be enhanced where possible.

- 4.2.2 A total of 1.8 kilometres of species-poor hedgerow would be replaced with species rich hedgerow, improving the quality of the hedgerow species diversity.
- 4.2.3 It is worth noting, that the length of the road verge would be bordered with either hedgerows, wider tree belts of native trees and shrubs, or woodland. Therefore, although there would be a net loss of hedgerow, the species composition and structure along the scheme would be more diverse.
- 4.2.4 Once complete, the scheme would not result in direct impacts to hedgerows. There is potential for indirect impacts on important hedgerows to occur once the road is operational, such as chemical or particulate deposition on hedgerow vegetation. However, these would not result in a significant impact to hedgerows, as species composition or growth of hedgerows is not anticipated to be affected.
- 4.2.5 The landscape planting measures, which includes hedgerow translocation, are anticipated to incorporate sufficient mitigation to replace loss of hedgerows as a result of construction. The re-planted hedgerows would be of equal or higher value than the existing hedgerows, increasing the quality of habitat, and the landscape design has been specifically designed to have a higher biodiversity value. These methods are detailed within section 5.2 below.
- 4.2.6 Therefore, a Negligible magnitude of impact, giving a Neutral residual effect to hedgerows at the Local level is anticipated overall. The confidence of prediction is Near Certain.

5 Mitigation and enhancement recommendations

5.1 Legal compliance

- 5.1.1 As the scheme requires the removal of 'Important' hedgerows, consultation with the LPA will be required and a notice made in writing will need to be submitted and approved by the LPA before the removal of any hedgerows, if not granted through the Development Consent Order (DCO).
- 5.1.2 A comprehensive mitigation strategy is required, including mitigation measures such as translocation, a sensitive working method, timing of works, a habitat replacement package and monitoring. These are detailed below.

5.2 Further surveys

- 5.2.1 Updated hedgerow surveys are required for hedges 6 and 60, due to access constraints and hedgerow management (flailing) at the time of survey.

5.3 Construction

- 5.3.1 The scheme would require extensive earth works around hedgerows, necessitating vegetation clearance and removal of hedgerows along and connecting to the existing A303, and within the footprint of the scheme. Therefore, impacts of 'Important' hedgerows must be mitigated and the loss of hedgerows replaced to ensure there is no net loss of this key habitat type.
- 5.3.2 Where hedgerows and mature trees are retained within the scheme, temporary fencing would be implemented around a standard root protection zone which would be maintained throughout the works. This includes fencing around the perimeter of the construction site, protected the root protection zones of all retained trees and hedgerows.
- 5.3.3 Where species rich hedgerows are affected, the hedge bank topsoil would be translocated and reinstated where the new hedgerows would be planted. This would be completed by a specialist contractor under a method statement prepared by a suitably qualified person.
- 5.3.4 It is recommended that hedgerow removal is undertaken during the winter and outside the nesting bird season of March to August inclusive. If the hedgerows are to be removed during the nesting bird season, it is recommended that suitable nesting habitat is surveyed for nesting birds by an ecologist prior to work. If an active birds nest is identified, the surrounding habitat must be retained until the young have fledged.
- 5.3.5 The roots and base of hedgerows can act as a hibernation site for amphibians and reptiles (if present). Therefore, it is recommended that hedgerow removal is

not carried out during October to March in areas where these species may be present. As such, the optimum month for hedgerow removal is September, to avoid the nesting bird season and amphibians.

- 5.3.6 Although hedgerows provide optimal habitat for hazel dormouse *Muscardinus avellanarius*, no evidence of dormice was recorded during the dedicated surveys undertaken in 2017.

5.4 Operation

- 5.4.1 According to the *National Planning Policy Framework (NPPF)* and *Biodiversity 2020²* all planning applications should ensure no net loss of biodiversity and should include biodiversity enhancements or gains. Therefore, biodiversity enhancements and compensation would be included within the wider package of mitigation within the scheme.
- 5.4.2 All 'Important' hedgerows that would be removed as part of the scheme would be replanted or translocated where possible. This would either be within their original location (temporary loss) or planted in such a way as to connect new planting to other hedgerows, woodlands and ponds to maintain and enhance wildlife corridors. Where possible, the length of important hedgerows lost to the scheme would be replaced at a ratio of 2:1.
- 5.4.3 Retained hedgerows would be enhanced by filling gaps and widening the hedgerows to at least 3 metres width.
- 5.4.4 The Environmental Masterplan (Figure 2.8 of Volume 6.2 of the Environmental Statement) for the scheme incorporates planting that would be mitigated for lost hedgerows. The scheme design includes landscaping to reduce the impacts of habitat loss and fragmentation. A total of 10.5 kilometres of species rich hedgerows and species rich hedgerows with trees would be replanted following construction of the scheme.
- 5.4.5 Although a net loss in total length of hedgerow would occur as a result of the scheme (Table 5.1), no connectivity would be severed, as the existing A303 already acts as a barrier to continued connectivity. Additionally, replacement planting would include hedgerows of an equal or higher quality than the existing, therefore enhancing the surrounding landscape.

Table 5.1. Summary of Hedgerow loss and proposed replanting (Linear metres)

Habitat	Total Loss (linear metres)	Proposed Replanting (linear m)
Hedgerow	6,935.47	5,562.81
Hedgerow with trees	3,615.71	4,896.05
Total	10,551.18	10,458.86

-
- 5.4.6 In addition to the embedded mitigation which replaces on site habitat, enhancements have been incorporated to ensure the replacement habitat provides better quality habitat than the habitat which would be lost. This would include woodland, hedgerow planting and grassland areas which replaces the existing arable land. Therefore, the loss of 0.9 kilometres is considered to result in a neutral affect and therefore no significant impact is anticipated.
- 5.4.7 New hedgerows connected to existing habitat within the landscape would be created to compensate for the losses of wildlife corridors that hedgerows provide. The species composition of the new hedges would take account of both the hedgerows lost and those that remain in the surrounding area. Species poor hedgerows would be replaced with a species-rich composition indicative of the local area after construction, which would increase the biodiversity of the area.
- 5.4.8 Hedgerow planting would include planting of native tree and shrub species indicative to the local area, over winter to maximise the likelihood of their survival. Any associated features such as ditches should also be reinstated. Preferred re-planting species mix includes;
- Hazel (*Corylus avellana*)
 - Crab apple (*Malus sylvestris*)
 - Blackthorn (*Prunus spinosa*)
 - Field Maple (*Acer platanoides*)
 - Common hawthorn (*Crataegus monogyna*)
 - Holly (*Ilex aquifolium*)
 - Pedunculate oak (*Quercus robur*)
 - Dog rose (*Rosa canina*)
- 5.4.9 The location of all proposed new planting is detailed within the Environmental Masterplan (Figure 2.8 of Volume 6.2 of the Environmental Statement).
- 5.4.10 Retained 'important' hedgerows that may be subject to decreased value due to temporary severance from hedgerows would be mitigated through enhancement, planting new sections of hedgerow and infilling gaps.
- 5.4.11 It is recommended that a habitat management plan is created for the scheme. As part of this management plan, regular monitoring should be undertaken to assess the new planting and whether the translocated hedgerows have responded favourably. This would in turn inform any ongoing habitat management practices and allow remedial action to be undertaken.
- 5.4.12 Suitable management practices include laying hedgerows to encourage bushy growth low down, trimming on a two to three-year rotation, or trimming alternate
-

sides of the hedgerows every other year and avoiding trimming too heavily to keep them in a good condition.

6 Conclusion

- 6.1.1 Approximately 10.6 kilometres of hedgerows would require removal as part of the scheme. Of this, 2.8 kilometres would be a permanent loss and 7.7 kilometres would be temporary loss; 4.6 kilometres of 'important' hedgerows would require removal, of which 1.1 kilometres would be permanently lost. However, 1.8 kilometres of species-poor hedgerow would be reinstated with a species-rich composition.
- 6.1.2 A total of 7.2 kilometres of species-rich hedgerows would be replanted following construction of the scheme and no connectivity would be severed. Therefore, the hedgerow network and species composition in the local area would be likely to benefit in the long term due to the proposed mitigation measures outlined above, as the replacement habitats would be of a higher quality than those at present.
- 6.1.3 Additionally, 20.6 hectares of native trees and shrubs, and 4.7 hectares of woodland would be planted. This would retain connectivity along the soft estate of the new road, and tie-in with the surrounding landscape. Therefore, no net loss of biodiversity is predicted, once all replanting has reached maturity, post completion of the scheme.

Appendix A: Hedgerow Regulations 1997 assessment information

A.1 Accompanying notes for Hedgerows Regulations 1997 record sheet

A hedgerow may be classified as 'important' for archaeological/historical reasons, or according to Wildlife and Landscape criteria. To be classified as 'important' under the Wildlife and Landscape criteria, the hedgerow must be over 30 years old and should comprise 1 of the following:

- *at least 7 woody species/30m
- *at least 6 woody species/30m and at least 3 features
- *at least 6 woody spp/30m including any one of Pn/Sot/Tic/Tip (see below)
- *at least 5 woody species and at least 4 features
- or if adjacent to a bridleway/footpath, at least 4 woody species and at least 2 features

*If the hedgerow is situated wholly or partly in 1 of the counties listed in Criteria 7 sub-paragraph (2) of the Regulations, the number of woody species should be reduced by 1.

Note that a hedgerow may also be classified as 'important' due to the presence or recorded presence of particular animal and plant species (see Criteria 6 sub-paragraphs (1)-(4) of the Regulations for details.)

Table A.1: The woody species 'recognised' by the Hedgerows Regulations 1997 are listed below, along with the species codes to be used on the record sheet

Spp code	Scientific name	English name	Spp code	Scientific name	English code
Ac	<i>Acer campestre</i>	Field Maple	Pa	<i>Prunus avium</i>	Wild Cherry
Ag	<i>Alnus glutinosa</i>	Alder	Pp	<i>Prunus padus</i>	Bird Cherry
Bpe	<i>Betula pendula</i>	Silver Birch	Ps	<i>Prunus spinosa</i>	Blackthorn
Bpu	<i>Betula pubescens</i>	Downy Birch	Pyc	<i>Pyrus communis</i>	Pear
Bxs	<i>Buxus sempervirens</i>	Box	Qp	<i>Quercus petraea</i>	Sessile Oak
Cb	<i>Carpinus betulus</i>	Hornbeam	Qr	<i>Quercus robur</i>	Pedunculate Oak
Cos	<i>Cornus sanguinea</i>	Dogwood	Rc	<i>Rhamnus cathartica</i>	Buckthorn
Ca	<i>Corylus avellana</i>	Hazel	Ruv	<i>Ribes uva-crispa</i>	Gooseberry
Cla	<i>Crataegus laevigata</i>	Midland Hawthorn	Ros	<i>Rosa sp(p)</i>	Rose
Cm	<i>Crataegus monogyna</i>	Hawthorn	Rac	<i>Ruscus aculeatus</i>	Butcher's-broom
Cys	<i>Cytisus scoparius</i>	Broom	Sx	<i>Salix sp(p)</i>	Willow
DI	<i>Daphne laureola</i>	Spurge-laurel	Sxv	<i>Salix viminalis</i>	Osier
Ee	<i>Euonymus europaeus</i>	Spindle	Sn	<i>Sambucus nigra</i>	Elder
Fs	<i>Fagus sylvatica</i>	Beech	Sac	<i>Sorbus aucuparia</i>	Rowan
Fa	<i>Frangula alnus</i>	Alder Buckthorn	Sor	<i>Sorbus sp(p)</i>	Whitebeam
Fe	<i>Fraxinus excelsior</i>	Ash	Sot	<i>Sorbus torminalis</i>	Wild Service-tree
Hr	<i>Hippophae rhamnoides</i>	Sea-buckthorn	Tb	<i>Taxus baccata</i>	Yew

Spp code	Scientific name	English name	Spp code	Scientific name	English code
Ia	<i>Ilex aquifolium</i>	Holly	Tic	<i>Tilia cordata</i>	Small-leaved Lime
Jr	<i>Juglans regia</i>	Walnut	Tip	<i>Tilia platyphyllos</i>	Large-leaved Lime
Jc	<i>Juniperus communis</i>	Common Juniper	Ue	<i>Ulex europaeus</i>	Gorse
Liv	<i>Ligustrum vulgare</i>	Wild Privet	Ug	<i>Ulex gallii</i>	Western Gorse
Ms	<i>Malus sylvestris</i>	Crab Apple	Umi	<i>Ulex minor</i>	Dwarf Gorse
Pal	<i>Populus alba</i>	White Poplar	Um	<i>Ulmus sp(p)</i>	Elm
Pn	<i>Populus nigra sub-species betulifolia</i>	Black-poplar	VI	<i>Viburnum lantana</i>	Wayfaring-tree
Pot	<i>Populus tremula</i>	Aspen	Vop	<i>Viburnum opulus</i>	Guelder Rose
Pcan	<i>Populus x canescens</i>	Grey Poplar			

Table A.2: Woody species recorded in hedgerows but not recognised as such by Hedgerows Regulations 1997

Spp code	Scientific name	English name
Ah	<i>Aesculus hippocastanum</i>	Horse-chestnut
Ap	<i>Acer pseudoplatanus</i>	Sycamore
Cs	<i>Castanea sativa</i>	Sweet Chestnut
Pd	<i>Prunus domestica</i>	Wild Plum
Pd	<i>Prunus laurocerasus</i>	Cherry Laurel
Tie	<i>Tilia x europaea</i>	Lime

The presence of a number of features along a hedgerow influences the classification under the Regulations. The terms used on the record sheet are explained in Table A.3 below, and their presence is indicated by a '✓'.

Table A.3: Terms used on the record sheet

Term	Description
Bank/wall	The hedgerow is supported along at least half of its length by a bank/wall.
Intact	The hedgerow contains less than 10% gaps along its length.
Trees	The hedgerow supports at least 1 standard tree per 50m length (standard trees are defined as those which when measured at 1.3m above ground level have a diameter of at least 20 cm, or 15 cm for multi-stemmed trees).
3 flora spp	The hedgerow supports at least 3 of the valuable ground flora species defined by the Regulations. The hedgerow is considered to support a plant if it is rooted within 1m (in any direction) of the hedgerow.
Ditch	There is a ditch along at least half of the length of the hedgerow.
Connections ≥ 4 points	A hedgerow must score 4 or more 'connections points'. Connections with an adjoining hedgerow(s) score 1 point each and a connection with a pond or woodland (in which the majority of the trees are broad-leaved) scores 2 points each. A hedgerow is considered to be connected if it meets the feature or if it has a point within 10m of it and would meet it if the line of the hedgerow continued.
Parallel hedge	A parallel hedgerow is present within 15m.

An explanation of additional terms used on the Hedgerow Regulations record sheet are contained in Table A.4.

Table A.4: Additional terms used on the Hedgerow Regulations record sheet

Term	Description
Hedge No.	Hedgerow Number (within survey area/ site)
Important	Is the hedgerow classified as 'important' under the Hedgerows Regulations?
Bridleway/path	The hedgerow runs parallel to a designated bridleway/footpath.
Pn/Sot/Tic/Tip	The presence of these trees within the hedgerow influences the classification. An explanation of the species codes is shown above.
Woody species	A list of the woody species found along the hedgerow (this is likely to list more species than are present along 30 m length(s)).
Ground flora spp	Any dominant and/or notable ground flora species recorded along the hedgerow.

Table A.5: Valuable ground flora species with regard to the Hedgerows Regulations 1997

Spp code	Scientific name	English name
Amos	<i>Adoxa moschatellina</i>	Moschatel
Ajr*	<i>Ajuga reptans</i>	Bugle
Alu*	<i>Allium ursinum</i>	Ramsons
An*	<i>Anemone nemorosa</i>	Wood Anemone
Amac	<i>Arum maculatum</i>	Lord's-and-Ladies
Aff*	<i>Athyrium filix-femina</i>	Lady-fern
Bsp*	<i>Blechnum spicant</i>	Hard-fern
Bs*	<i>Brachypodium sylvaticum</i>	False Brome
Bram	<i>Bromopsis ramosa</i>	Hairy Brome
Clat	<i>Campanula latifolia</i>	Giant Bellflower
Ctra	<i>Campanula trachelium</i>	Nettle-leaved Bellflower
Cxsy	<i>Carex sylvatica</i>	Wood Sedge
Cl*	<i>Circaea lutetiana</i>	Enchanter's Nightshade
Cmaj	<i>Conopodium majus</i>	Pignut
Daff	<i>Dryopteris affinis</i>	Scaly Male-fern
Dcar	<i>Dryopteris carthusiana</i>	Narrow Buckler-fern
Dfm	<i>Dryopteris filix-mas</i>	Male-fern
Ehel	<i>Epipactis helleborine</i>	Broad-leaved Helleborine
Esyl	<i>Equisetum sylvaticum</i>	Wood Horsetail
Eamy	<i>Euphorbia amygdaloides</i>	Wood Spurge
Fgig	<i>Festuca gigantea</i>	Giant Fescue
Fv*	<i>Fragaria vesca</i>	Wild Strawberry
Godo	<i>Galium odoratum</i>	Woodruff
Gsx*	<i>Galium saxatile</i>	Heath Bedstraw
Gro*	<i>Geranium robertianum</i>	Herb-Robert
Gu*	<i>Geum urbanum</i>	Wood Avens
Hn*	<i>Hyacinthoides non-scripta</i>	Bluebell
Lgal	<i>Lamiastrum galeobdolon</i>	Yellow Archangel
Lsqu	<i>Lathraea squamaria</i>	Toothwort
Ls*	<i>Luzula sylvatica</i>	Greater Wood-rush
Lnem	<i>Lysimachia nemorum</i>	Yellow Pimpernel
Mpra	<i>Melampyrum pratense</i>	Common Cow-wheat
Msyl	<i>Melampyrum sylvaticum</i>	Small Cow-wheat
Muni	<i>Melica uniflora</i>	Wood Melick
Mp*	<i>Mercurialis perennis</i>	Dog's Mercury
Meff	<i>Milium effusum</i>	Wood Millet
Omas	<i>Orchis mascula</i>	Early –purple Orchid
Oxa*	<i>Oxalis acetosella</i>	Wood Sorrel
Pqua	<i>Paris quadrifolia</i>	Herb Paris
PSCO	<i>Phyllitis scolopendrium</i>	Hart's-tongue
Pnem	<i>Poa nemoralis</i>	Wood Meadow-grass

Spp code	Scientific name	English name
Pvul	<i>Polypodium vulgare</i>	Polypody
Pacu	<i>Polystichum aculeatum</i>	Hard Shield-fern
Pset	<i>Polystichum setiferum</i>	Soft Shield-fern
Pere	<i>Potentilla erecta</i>	Tormentil
Pste	<i>Potentilla sterilis</i>	Barren Strawberry
Pela	<i>Primula elatior</i>	Oxlip
Pvul	<i>Primula vulgaris</i>	Primrose
Raur	<i>Ranunculus auricomus</i>	Goldilocks Buttercup
Sne*	<i>Sanicula europaea</i>	Sanicle
Tsn*	<i>Teucrium scorodonia</i>	Wood Sage
Vmon	<i>Veronica montana</i>	Wood Speedwell
Vodo	<i>Viola odorata</i>	Sweet Violet
Vrei	<i>Viola reichenbachiana</i>	Early Dog-violet
Vriv	<i>Viola riviniana</i>	Common Dog-violet

* Denotes code taken from Phase 1 handbook.

The remaining species have not been given a code under Phase 1. To make up a code, use the first letter of the genus and first 3 letters of the specific epithet (for sedges use 'Cx').

Below are species codes for other species often found in hedgerows, with their codes as stated in Phase 1 handbook. The table suggests some of the possible dominant species for the recording table above, but is not exclusive. If any Ancient Woodland Indicators (AWI) are encountered (some are included below and marked 'AWI') which are not dominant and not listed as valuable under the Hedgerow Regulations, they should be included in the 'notes' section, not in the 'notables' section.

Table A.6: Ground flora recorded in hedgerows but not recognised as such by Hedgerows Regulations 1997

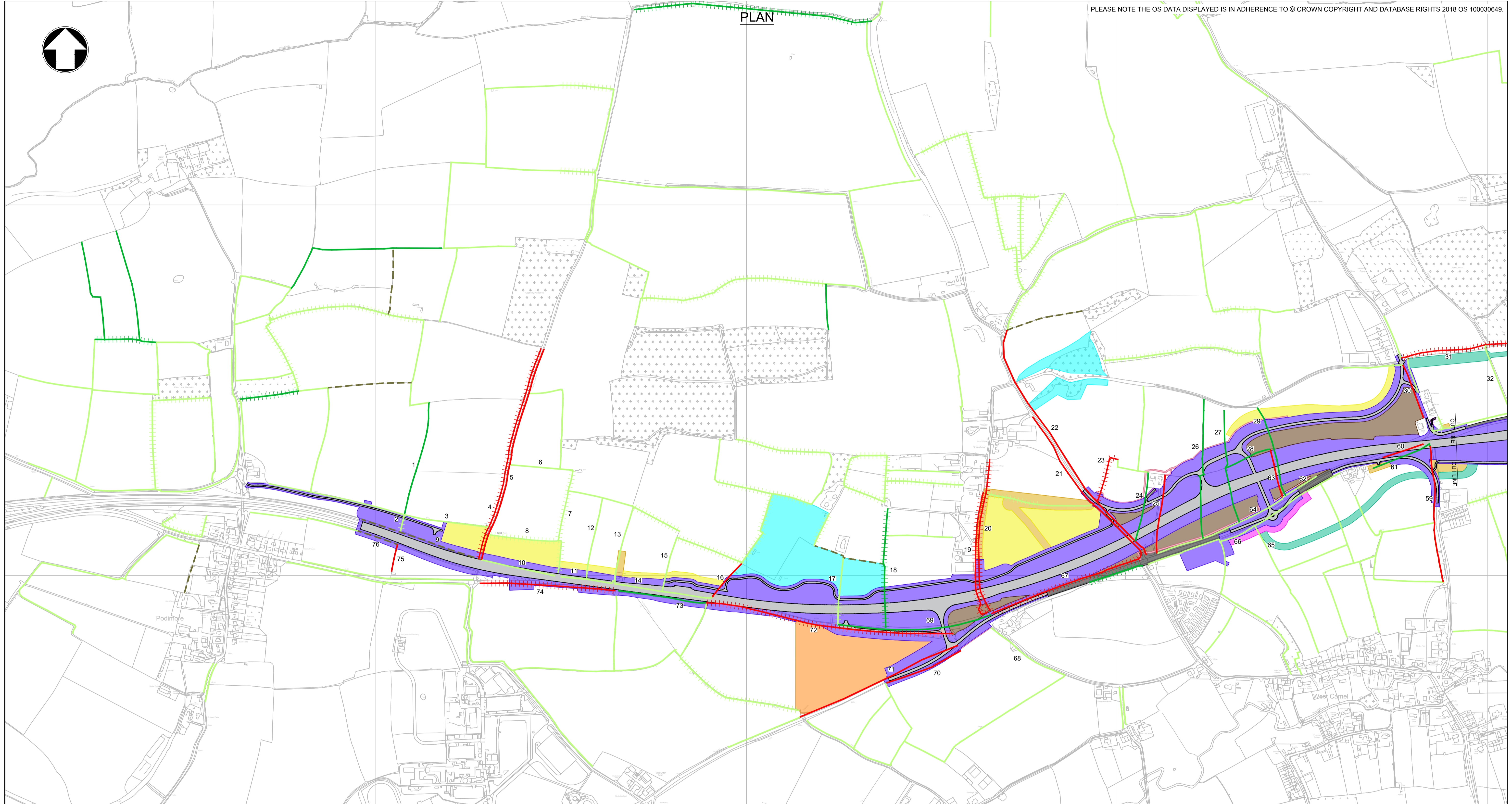
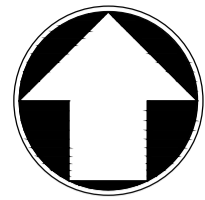
Spp code	Scientific name	English name
\	<i>Arrhenatherum elatius</i>	False Oat-grass
Apet	<i>Alliaria petiolata</i>	Garlic Mustard
Aste	<i>Anisantha sterilis</i>	Barren Brome
Asy*	<i>Anthriscus sylvestris</i>	Cow Parsley
Car*	<i>Cirsium arvense</i>	Creeping Thistle
Cxrm AWI	<i>Carex remota</i>	Remote Sedge
Ddl*	<i>Dryopteris dilatata</i>	Broad Buckler-fern
Dp*	<i>Digitalis purpurea</i>	Foxglove
Fu*	<i>Filipendula ulmaria</i>	Meadowsweet
Gap*	<i>Galium aparine</i>	Cleavers
Gh*	<i>Glechoma hederacea</i>	Ground-ivy
Gmol	<i>Galium mollugo</i>	Hedge Bedstraw
Hh*	<i>Hedera helix</i>	Ivy
Hl*	<i>Holcus lanatus</i>	Yorkshire-fog
Hlup	<i>Humulus lupulus</i>	Hop
Ig*	<i>Impatiens glandulifera</i>	Indian Balsam
Lped	<i>Lotus pedunculatus</i>	Greater Bird's-foot-trefoil
Lpc*	<i>Lonicera periclymenum</i>	Honeysuckle
Ocro	<i>Oenanthe crocata</i>	Hemlock Water-dropwort
Cop* AWI	<i>Chrysosplenium oppositifolium</i>	Opposite-leaved Golden-saxifrage
Pt*	<i>Pteridium aquilinum</i>	Bracken
Pver	<i>Primula veris</i>	Cowslip
Rf*	<i>Rubus fruticosus agg.</i>	Bramble
Shol	<i>Stellaria holostea</i>	Greater Stitchwort

Spp code	Scientific name	English name
Ssyl	<i>Stachys sylvatica</i>	Hedge Woundwort
Hand AWI	<i>Hypericum androsaemum</i>	Tutsan
Ud*	<i>Urtica dioica</i>	Common Nettle
Vio	<i>Viola sp</i>	Violet species

Appendix B: Hedgerow map

PLAN

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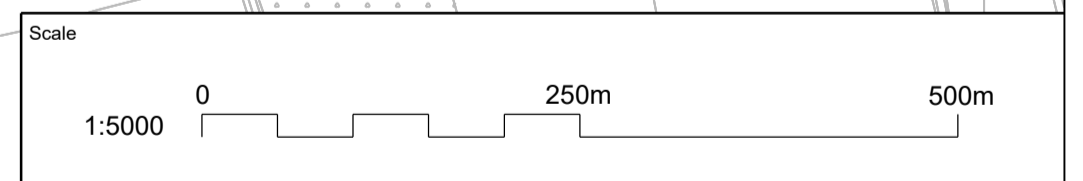
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KEY TO SYMBOLS

DEVELOPMENT SITE - PERMANENT HABITAT LOSS:	
	ROAD LAYOUT FOOTPRINT
DEVELOPMENT SITE - TEMPORARY HABITAT LOSS:	
	SITE COMPOUND
	TOPSOIL STORAGE
	SOFT ESTATE
	LANDSCAPE PLANTING
	ROAD DIVERSION
	HAUL ROUTES
	ENVIRONMENT MITIGATION
	ACCOMMODATION WORKS
	EXISTING A303 DETRUNKED
	UTILITY WAYLEAVES
	PROW DIVERSION
	VEGETATION TO BE RETAINED

HEDGEROWS:

	IMPORTANT HEDGE
	IMPORTANT HEDGE - WITH TREES
	SPECIES RICH HEDGE
	SPECIES RICH HEDGE - WITH TREES
	SPECIES POOR HEDGE
	SPECIES POOR HEDGE - WITH TREES
	DEFUNCT HEDGE - SPECIES POOR



Project Title
A303 SPARKFORD TO ILCHESTER DUALLING

Drawing Title
HEDGEROW MAP SHEET 1 OF 2

Drawing Status
Published - DEFINITION

Suitability
A3

Scale	1:5000	Designed	PC	Drawn	PC	Checked	SB	Approved	ER
Original Size	A1	Date	12/03/18	Date	26/06/18	Date	28/06/18	Date	28/06/18

Drawing Number
HE551507 - MMSJV - EBD -

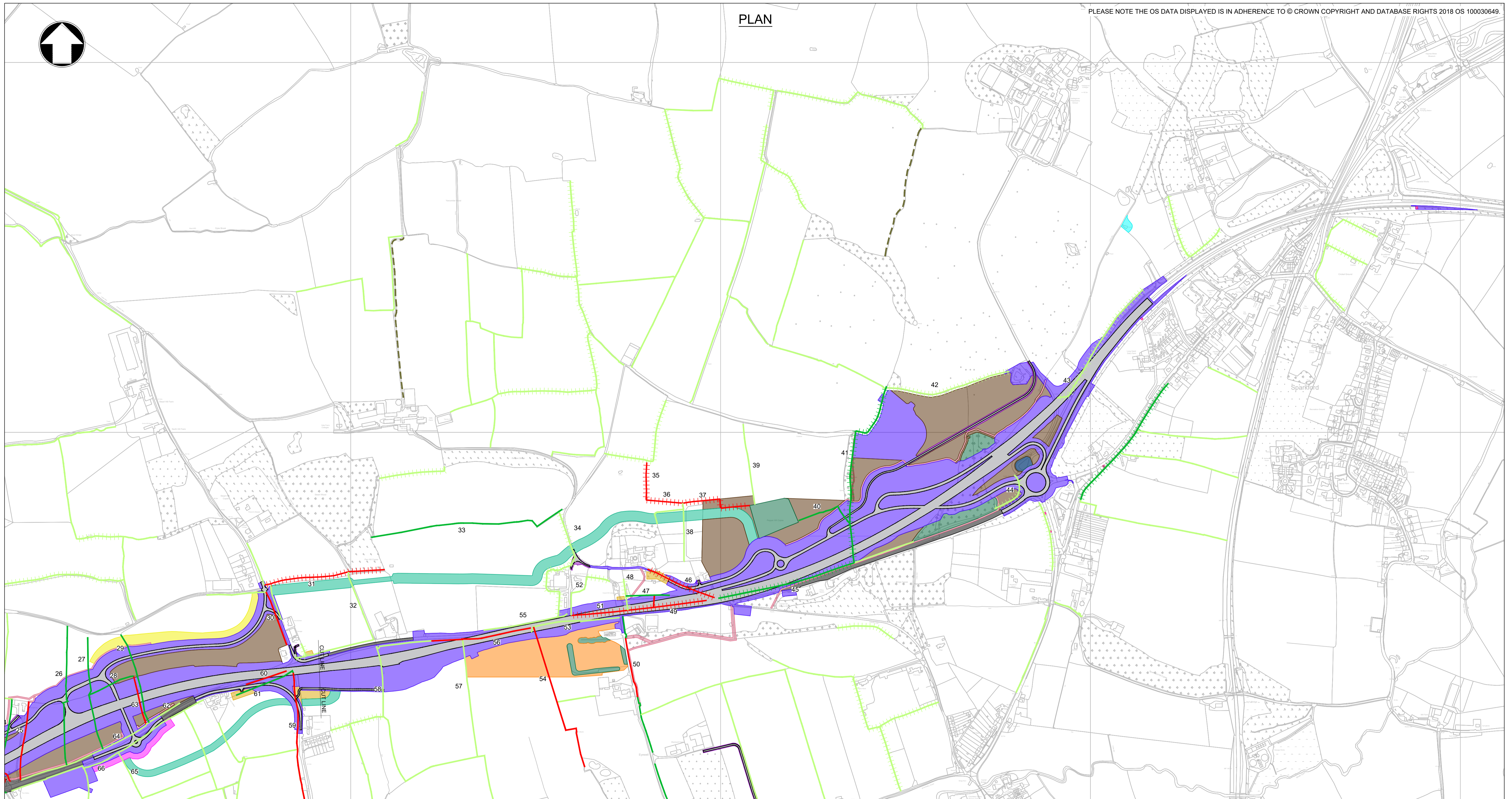
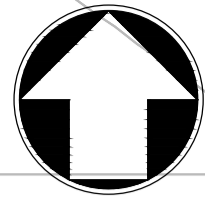
Project Ref. No.
389107

Revision
000 - DR - LB - 0042

Revision
C01

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REV.	DATE	AMENDMENT DETAILS	ORIG	CHK'D	APP'D
C01	26/06/18	DCO SUBMISSION	PC	SB	ER




Scale		1:5000		0 250m 500m	
Project Title A303 SPARKFORD TO ILCHESTER DUALLING					
Drawing Title HEDGEROW MAP SHEET 2 OF 2					
Drawing Status Published - DEFINITION					Suitability A3
Scale 1:5000	Designed PC	Drawn PC	Checked SB	Approved ER	
Original Size A1	Date 12/03/18	Date 26/06/18	Date 28/06/18	Date 28/06/18	
Drawing Number HE PIN	Originator MMSJV	Volume - EBD -	Project Ref. No. 389107		
C01	26/06/18	DCO SUBMISSION	PC	SB	ER
REV.	DATE	AMENDMENT DETAILS	ORIG	CHKD	APPD

- KEY TO SYMBOLS**
- DEVELOPMENT SITE - PERMANENT HABITAT LOSS:**
- ROAD LAYOUT FOOTPRINT
- DEVELOPMENT SITE - TEMPORARY HABITAT LOSS:**
- SITE COMPOUND
 - TOPSOIL STORAGE
 - SOFT ESTATE
 - LANDSCAPE PLANTING
 - ROAD DIVERSION
 - HAUL ROUTES
 - ENVIRONMENT MITIGATION
 - ACCOMMODATION WORKS
 - EXISTING A303 DETRUNKED
 - UTILITY WAYLEAVES
 - PROW DIVERSION
 - VEGETATION TO BE RETAINED
- HEDGEROWS:**
- IMPORTANT HEDGE
 - IMPORTANT HEDGE - WITH TREES
 - SPECIES RICH HEDGE
 - SPECIES RICH HEDGE - WITH TREES
 - SPECIES POOR HEDGE
 - SPECIES POOR HEDGE - WITH TREES
 - DEFUNCT HEDGE - SPECIES POOR

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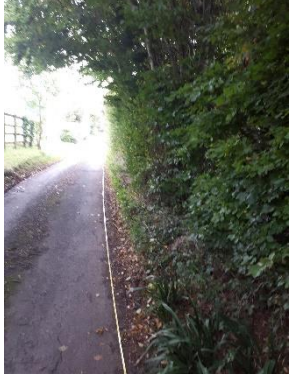
Appendix C: Survey photos







Table C.1: Survey photos

Hedgerow number	Photography	Hedgerow Number	Photograph
1	No photo	2	No photo
3	No photo	4	
5		6	No photo
7	No photo	8	No photo
9		10	


Hedgerow number	Photography	Hedgerow Number	Photograph
11		12	
13		14	
15		16	
17		18	

Hedgerow number	Photography	Hedgerow Number	Photograph
19		20	
21		22	
23		24	No photo
25	No photo	26	No photo
27		28	



Hedgerow number	Photography	Hedgerow Number	Photograph
29		30	
31		32	
33		34	
35		36	
37		38	

Hedgerow w number	Photography	Hedgerow Number	Photograph
39	 A photograph showing a hedgerow with tall grasses and some trees in the background under a cloudy sky.	40	 A photograph of a hedgerow with a white measuring tape stretched across it.
41	 A photograph of a hedgerow with a white measuring tape stretched across it.	42	No photo
43	 A photograph of a hedgerow next to a paved road, with a white measuring tape stretched across it.	44	 A photograph of a hedgerow with a white measuring tape stretched across it.
45	 A photograph of a hedgerow with a white measuring tape stretched across it, and a person visible in the background.	46	 A photograph of a hedgerow with a white measuring tape stretched across it.

Hedgerow number	Photography	Hedgerow Number	Photograph
47		48	
49		50	
51		52	No photo
53	No photo	54	

Hedgerow number	Photography	Hedgerow Number	Photograph
55		56	
57		58	
59		60	No photo
61		62	

Hedgerow number	Photography	Hedgerow Number	Photograph
63		64	
65	No photo	66	
67	No photo	68	
69	No photo	70	
71		72	

Hedgerow number	Photography	Hedgerow Number	Photograph
73	No photo	74	 A photograph showing a hedgerow on the right side of a green field. The hedgerow consists of several trees and dense bushes. The sky is overcast and grey.
75	 A photograph of a hedgerow with green bushes and trees, situated next to a grassy path or field. The sky is blue with scattered white clouds.	76	 A photograph of a hedgerow with dense green bushes and trees, viewed from a distance. The foreground is a field of tall, dry grass. The sky is blue with white clouds.

Appendix D: Hedgerow survey proformas

HS1 HEDGEROW SURVEY									
Ecology ID	Hedgerow 01			Land Parcel Reference		WS46264		Date	24/11/2017
Weather Conditions	sunny and clear			Surveyor(s)		AM & ET	Transect ID	F001	
Wind	2	Air Temperature (°C)	9	Cloud Cover	0	Rain	0		
Start	Easting (X)	355079			End	Easting (X)	355145		
	Northing (Y)	125170				Northing (Y)	125463		
Total length of hedge section (m)	110m			Number of 30m sections to be assessed		2			
Height of hedge (m)	5m			Width of hedge (m)		1.5m			
Number and length of gaps in hedge (as an overall % of length)					Number of mature trees (>20cm DBH) in total length of hedge				
0					2				
Are there any ditches along the length of the hedge?	Yes	Orientation of ditch	E		Wet or dry Ditch	Dry			
List of Schedule 3 Species for hedgerow assessment within 30m sections.					Schedule 2 species, to be recorded along entire length of hedge (within 1m of outermost edges of the hedgerow)				
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR	
<i>Acer campestre</i>	Field maple	O	R		R	<i>Adoxa moschatellina</i>	Moschatel		
<i>Ailnus glutinosa</i>	Alder					<i>Ajuga reptans</i>	Bugle		
<i>Betula pendula</i>	Silver birch					<i>Allium ursinum</i>	Ramsons		
<i>Betula pubescens</i>	Downy birch					<i>Anemone nemorosa</i>	Wood anemone		
<i>Carpinus betulus</i>	Hornbeam					<i>Anum maculatum</i>	Lords-and-ladies		
<i>Cornus sanguinea</i>	Dogwood	O	R		R	<i>Atthyrium filix-femina</i>	Lady fern		
<i>Corylus avellana</i>	Hazel					<i>Brachypodium sylvaticum</i>	Wood false-brome		
<i>Crataegus laevigata</i>	Midland hawthorn					<i>Bromus ramosus</i>	Hairy brome		
<i>Crataegus monogyna</i>	Hawthorn	R	O		R	<i>Campanula trachelium</i>	Nettle-leaved bellflower		
<i>Daphne laureola</i>	Spurge-laurel					<i>Carex sylvatica</i>	Wood sedge		
<i>Daphne mezereum</i>	Daphne mezereum					<i>Circaea lutetiana</i>	Enchanters nightshade		
<i>Euonymus europaeus</i>	Spindle	R	F		O	<i>Conopodium majus</i>	Pignut		
<i>Fagus sylvatica</i>	Beech					<i>Dryopteris affinis</i>	Scaly male-fern		
<i>Frangula alnus</i>	Alder buckthorn					<i>Dryopteris carthusiana</i>	Narrow buckler-fern		
<i>Fraxinus excelsior</i>	Ash	R				<i>Dryopteris dilatata</i>	Broad buckler-fern		
<i>Ilex aquifolium</i>	Holly					<i>Dryopteris filix-mas</i>	Male fern		
<i>Ligustrum vulgare</i>	Wild privet	R	F		O	<i>Epipactis helleborine</i>	Broad-leaved helleborine		
<i>Malus sylvestris</i>	Crab apple					<i>Equisetum sylvaticum</i>	Wood horsetail		
<i>Populus alba</i>	White poplar					<i>Euphorbia amygdaloides</i>	Wood spurge		
<i>Populus nigra ssp betulifolia</i>	Black poplar					<i>Festuca gigantea</i>	Giant fescue		
<i>Populus tremula</i>	Aspen					<i>Fragaria vesca</i>	Wild strawberry		
<i>Populus x canescens</i>	Grey poplar					<i>Galium odoratum</i>	Sweet woodruff		
<i>Prunus avium</i>	Wild cherry					<i>Geranium robertianum</i>	Herb Robert		
<i>Prunus spinosa</i>	Blackthorn	R	R		R	<i>Geum urbanum</i>	Wood avien		
<i>Pyrus cordata</i>	Plymouth pear					<i>Hyacinthoides non-scripta</i>	Bluebell		
<i>Pyrus pyrastrer</i>	Wild pear					<i>Lamiumstrum galeobdolon</i>	Yellow archangel		
<i>Quercus robur</i>	Pedunculata oak					<i>Lathraea squamaria</i>	Toothwort		
<i>Rhamnus cathartica</i>	Buckthorn					<i>Luzula pilosa</i>	Hairy wood-rush		
<i>Ribes uva-crispa</i>	Gooseberry					<i>Melampyrum pratense</i>	Common cow-wheat		
<i>Rosa species</i>	Rose species	O	R		R	<i>Mercurialis perennis</i>	Dog's mercury		
<i>Salix species</i>	Willow species					<i>Milium effusum</i>	Wood millet		
<i>Salix viminalis</i>	Osier					<i>Orchis mascula</i>	Early purple orchid		
<i>Sambucus nigra</i>	Elder					<i>Oxalis acetosella</i>	Wood sorrel		
	Sub-totals	8	7	0		<i>Paris quadrifolia</i>	Herb Paris		
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR	
<i>Sorbus aucuparia</i>	Rowan					<i>Phyllitis scolopendrium</i>	Hart's tongue		
<i>Sorbus species</i>	Whitebeam species					<i>Poa nemoralis</i>	Wood meadow-grass		
<i>Sorbus torminalis</i>	Wild service tree					<i>Polypodium vulgare</i>	Common polypody		
<i>Taxus baccata</i>	Yew					<i>Polystichum aculeatum</i>	Hard shield fern		
<i>Tilia platyphyllos</i>	Large-leaved lime					<i>Polystichum setiferum</i>	Soft shield fern		
<i>Ulex europaeus</i>	Gorse					<i>Potentilla sterilis</i>	Barren strawberry		
<i>Ulmus species</i>	Elm species					<i>Primula elatior</i>	Oxlip		
<i>Viburnum lantana</i>	Wayfaring-tree					<i>Primula vulgaris</i>	Primrose		
<i>Viburnum opulus</i>	Gelder rose					<i>Ranunculus auricomus</i>	Goldlocks buttercup		
						<i>Sanicula europaea</i>	Sanicle		
						<i>Taenium scorodonia</i>	Wood sage		
						<i>Veronica montana</i>	Wood speedwell		
						<i>Viola odorata</i>	Sweet violet		
						<i>Viola reichenbachiana</i>	Early dog violet		
						<i>Viola riviniana</i>	Common dog violet		
Total species for each 30m section		8	7	0					
Average per 30m section					5				
HEDGEROW ASSESSMENT									
Hedgerow features (taken from Hedgerow Regulations 1997 Part 11 Paragraph 7(4) to (i)).									
(a) A bank or wall which supports the hedgerow along at least half of its length;								Absent	
(b) Gaps which aggregate do not exceed 10% of length of hedgerow;								Absent	
(c) Where the length of the hedgerow does not exceed 50m, at least one standard tree; (standard tree >20cm DBH (or 63cm circ) and multistemmed is >15cm DBH (or 47cm circ).								Absent	
(d) Where the length of the hedgerow exceeds 50m but does not exceed 100m, at least 2 standard trees;								Absent	
(e) Where the length of the hedgerow exceeds 100m, such number of standard trees (within any part of its length) as would when averaged over its total length amount at least one for each 50m;								Absent	
(f) At least 3 woodland species (Schedule 2) within one metre, in any direction, of the outermost edges of the hedgerow;								Absent	
(g) A ditch along at least one half of the length of the hedgerow;								Present	
(h) Connections scoring 4 points or more in accordance with sub-paragraph (5) ¹								Absent	
(i) A parallel hedge within 15m of the hedgerow.								Absent	
Total number of features present								1	
Notable shrub or herb species that occur along the length of the entire hedge which are not listed in Schedule 2 or 3									
none observed									
Total number of other hedgerows connecting to hedgerow that is subject of survey									
2									
Signs of use by notable fauna									
none observed									
Is the Hedgerow obviously less than 30 years in age?								No	
Does hedge currently support or have desk study records of spp protected in Schedules 1, 5 or 8 of the WaCA, or red data book species for 2007 to date.								Unknown	
Does the hedge include at least 7 woody species (from Schedule 3)								No	
Does the hedge include at least 6 woody species (from Schedule 3) + 3 features listed overleaf?								No	
Does the hedge include at least 6 woody species (from Schedule 3), including native black poplar, small or large ivy lime or service tree?								No	
Does the hedge include at least 5 woody species (from Schedule 3) + four features listed overleaf?								No	
Hedge adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic + at least 4 woody species (from Schedule 3) + at least 2 of the features described in (a) to (g) above.								No	
Qualifies as 'IMPORTANT HEDGEROW'?								No	
Notes									
PHASE 1 HABITAT CLASSIFICATION = J2.3 hedge woundwort, cleavers, geranium sp., ivy, hemlock, ground ivy, red fescue grass.									
Are further surveys needed?								No	

HS1 HEDGEROW SURVEY										
Ecology ID	Hedgerow 02			Land Parcel Reference		ST139074 / WS61881		Date	23/11/2017	
Weather Conditions	sunny cool			Surveyor(s)		AM & ET	Transect ID	F001		
Wind	3	Air Temperature (°C)	9	Cloud Cover	0	Rain	0			
Start	Easting (X)	355080			End	Easting (X)	355070			
	Northing (Y)	125163				Northing (Y)	125122			
Total length of hedge section (m)	35m			Number of 30m sections to be assessed		1				
Height of hedge (m)	1.5m			Width of hedge (m)		2.5m				
Number and length of gaps in hedge (as an overall % of length)					Number of mature trees (>20cm DBH) in total length of hedge					
1					2					
Are there any ditches along the length of the hedge?	Yes	Orientation of ditch	E		Wet or dry Ditch	Dry				
List of Schedule 3 Species for hedgerow assessment within 30m sections.					Schedule 2 species, to be recorded along entire length of hedge (within 1m of outermost edges of the hedgerow)					
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR		
<i>Acer campestre</i>	Field maple	O			O	<i>Adoxa moschatellina</i>	Moschatel			
<i>Ailurus glutinosus</i>	Alder					<i>Ajuga reptans</i>	Bugle			
<i>Betula pendula</i>	Silver birch					<i>Allium ursinum</i>	Ramsons			
<i>Betula pubescens</i>	Downy birch					<i>Anemone nemorosa</i>	Wood anemone			
<i>Carpinus betulus</i>	Hornbeam					<i>Anem maculatum</i>	Lords-and-ladies			
<i>Cornus sanguinea</i>	Dogwood					<i>Althyrum filix-femina</i>	Lady fern			
<i>Corylus avellana</i>	Hazel					<i>Brachypodium sylvaticum</i>	Wood false-brome			
<i>Crataegus laevigata</i>	Midland hawthorn					<i>Bromus ramosus</i>	Hairy brome			
<i>Crataegus monogyna</i>	Hawthorn	R			R	<i>Campanula trachelium</i>	Nettle-leaved bellflower			
<i>Daphne laureola</i>	Spurge-laurel					<i>Carex sylvatica</i>	Wood sedge			
<i>Daphne mezereum</i>	Daphne mezereon					<i>Circaea lutetiana</i>	Enchanters nightshade			
<i>Euonymus europaeus</i>	Spindle	F			F	<i>Conopodium majus</i>	Pignut			
<i>Fagus sylvatica</i>	Beech					<i>Dryopteris affinis</i>	Scaly male-fern			
<i>Frangula alnus</i>	Alder buckthorn					<i>Dryopteris carthusiana</i>	Narrow buckler fern			
<i>Fraxinus excelsior</i>	Ash	O			O	<i>Dryopteris dilatata</i>	Broad buckler-fern			
<i>Ilex aquifolium</i>	Holly					<i>Dryopteris filix-mas</i>	Male fern			
<i>Ligustrum vulgare</i>	Wild privet	F			F	<i>Epipactis helleborine</i>	Broad-leaved helleborine			
<i>Malus sylvestris</i>	Crab apple					<i>Equisetum sylvaticum</i>	Wood horsetail			
<i>Populus alba</i>	White poplar					<i>Euphorbia amygdaloides</i>	Wood spurge			
<i>Populus nigra ssp betulifolia</i>	Black poplar					<i>Festuca gigantea</i>	Giant fescue			
<i>Populus tremula</i>	Aspen					<i>Fragaria vesca</i>	Wild strawberry			
<i>Populus x canescens</i>	Grey poplar					<i>Gallium odoratum</i>	Sweet woodruff			
<i>Prunus avium</i>	Wild cherry					<i>Geranium robertianum</i>	Herb Robert			
<i>Prunus spinosa</i>	Blackthorn	O			O	<i>Geum urbanum</i>	Wood aven			
<i>Pyrus cordata</i>	Plymouth pear					<i>Hyacinthoides non-scripta</i>	Bluebell			
<i>Pyrus pyraeaster</i>	Wild pear					<i>Lamiastrum galeobdolon</i>	Yellow archangel			
<i>Quercus robur</i>	Pedunculata oak					<i>Lithraea squamaria</i>	Toothwort			
<i>Rhamnus cathartica</i>	Buckthorn					<i>Luzula pilosa</i>	Hairy wood-rush			
<i>Ribes uva-crispa</i>	Gooseberry					<i>Melampyrum pratense</i>	Common cow-wheat			
<i>Rosa species</i>	Rose species	R			R	<i>Mercurialis perennis</i>	Dog's mercury			
<i>Salix species</i>	Willow species					<i>Milium effusum</i>	Wood millet			
<i>Salix viminalis</i>	Osier					<i>Orchis mascula</i>	Early purple orchid			
<i>Sambucus nigra</i>	Elder					<i>Oxalis acetosella</i>	Wood sorrel			
Sub-totals		7	0	0		<i>Paris quadrifolia</i>	Herb Paris			
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR		
<i>Sorbus aucuparia</i>	Rowan					<i>Phyllitis scolopendrium</i>	Hart's tongue			
<i>Sorbus species</i>	Whitebeam species					<i>Poa nemoralis</i>	Wood meadow-grass			
<i>Sorbus torminalis</i>	Wild service tree					<i>Polypodium vulgare</i>	Common polypody			
<i>Taxus baccata</i>	Yew					<i>Polystichum aculeatum</i>	Hard shield fern			
<i>Tilia platyphyllos</i>	Large-leaved lime					<i>Polystichum setiferum</i>	Soft shield fern			
<i>Ulex europaeus</i>	Gorse					<i>Potentilla sterilis</i>	Barren strawberry			
<i>Ulmus species</i>	Elm species					<i>Primula elatior</i>	Oxlip			
<i>Viburnum lantana</i>	Wayfaring-tree					<i>Primula vulgaris</i>	Primrose			
<i>Viburnum opulus</i>	Guilder rose					<i>Ranunculus auricomus</i>	Goldlocks buttercup			
						<i>Sanicula europaea</i>	Sanicle			
						<i>Taenarium scorodonia</i>	Wood sage			
						<i>Veronica montana</i>	Wood speedwell			
						<i>Viola odorata</i>	Sweet violet			
						<i>Viola reichenbachiana</i>	Early dog violet			
						<i>Viola riviniana</i>	Common dog violet			
Total species for each 30m section		7	0	0						
Average per 30m section					2.33333333					
HEDGEROW ASSESSMENT										
Hedgerow features (taken from Hedgerow Regulations 1997 Part 11 Paragraph 7(4) to (i)).										
(a) A bank or wall which supports the hedgerow along at least half of its length;								Absent		
(b) Gaps which aggregate do not exceed 10% of length of hedgerow;								Absent		
(c) Where the length of the hedgerow does not exceed 50m, at least one standard tree; (standard tree >20cm DBH (or 63cm circ) and multistemmed is >15cm DBH (or 47cm circ).								Present		
(d) Where the length of the hedgerow exceeds 50m but does not exceed 100m, at least 2 standard trees;								Absent		
(e) Where the length of the hedgerow exceeds 100m, such number of standard trees (within any part of its length) as would when averaged over its total length amount at least one for each 50m;								Absent		
(f) At least 3 woodland species (Schedule 2) within one metre, in any direction, of the outermost edges of the hedgerow;								Absent		
(g) A ditch along at least one half of the length of the hedgerow;								Present		
(h) Connections scoring 4 points or more in accordance with sub-paragraph (5) ¹								Absent		
(i) A parallel hedge within 15m of the hedgerow.								Absent		
Total number of features present								2		
Notable shrub or herb species that occur along the length of the entire hedge which are not listed in Schedule 2 or 3										
nothing observed										
Total number of other hedgerows connecting to hedgerow that is subject of survey										
2										
Signs of use by notable fauna										
nothing observed										
Is the Hedgerow obviously less than 30 years in age?										No
Does hedge currently support or have desk study records of spp protected in Schedules 1, 5 or 8 of the WaCA, or red data book species for 2007 to date.										Unknown
Does the hedge include at least 7 woody species (from Schedule 3)										No
Does the hedge include at least 6 woody species (from Schedule 3) + 3 features listed overleaf?										No
Does the hedge include at least 6 woody species (from Schedule 3), including native black poplar, small or large lvd lime or service tree?										No
Does the hedge include at least 5 woody species (from Schedule 3) + 4 features listed overleaf?										No
Hedge adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic + at least 4 woody species (from Schedule 3) + at least 2 of the features described in (a) to (g) above.										No
Qualifies as 'IMPORTANT HEDGEROW'?										No
Notes										
PHASE 1 HABITAT CLASSIFICATION = J2.3 The single gap exceeds 10% of the length of the hedgerow. Pendulous sedge, hemlock, hedge woundwort, thistle sp., rumex sp., hedge garlic.										
Are further surveys needed?								No		

HS1 HEDGEROW SURVEY										
Ecology ID		Hedgerow 03			Land Parcel Reference		WS61881		Date	22/11/2017
Weather Conditions		dry and cloudy			Surveyor(s)		AM & ET		Transect ID	F001
Wind		2	Air Temperature (°C)		9	Cloud Cover		0	Rain	0
Start		Easting (X)		354991		End		Easting (X)		355302
		Northing (Y)		125190				Northing (Y)		125136
Total length of hedge section (m)		220			Number of 30m sections to be assessed		3			
Height of hedge (m)		1.7			Width of hedge (m)		1.5			
Number and length of gaps in hedge (as an overall % of length)					Number of mature trees (>20cm DBH) in total length of hedge					
0					10					
Are there any ditches along the length of the hedge?		Yes		Orientation of ditch		E		Wet or dry Ditch		Wet
List of Schedule 3 Species for hedgerow assessment within 30m sections.					Schedule 2 species, to be recorded along entire length of hedge (within 1m of outermost edges of the hedgerow)					
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR		
<i>Acer campestre</i>	Field maple					<i>Adoxa moschatellina</i>	Moschatel			
<i>Alnus glutinosa</i>	Alder					<i>Ajuga reptans</i>	Bugle			
<i>Betula pendula</i>	Silver birch					<i>Allium ursinum</i>	Ramsons			
<i>Betula pubescens</i>	Downy birch					<i>Anemone nemorosa</i>	Wood anemone			
<i>Carpinus betulus</i>	Hornbeam					<i>Arum maculatum</i>	Lords-and-ladies			
<i>Cornus sanguinea</i>	Dogwood	R			R	<i>Athyrium filix-femina</i>	Lady fern			
<i>Corylus avellana</i>	Hazel					<i>Brachypodium sylvaticum</i>	Wood false-brome			
<i>Crataegus laevigata</i>	Midland hawthorn					<i>Bromus ramosus</i>	Hairy brome	R		
<i>Crataegus monogyna</i>	Hawthorn	R	O	O	O	<i>Campanula trachelium</i>	Nettle-leaved bellflower			
<i>Daphne laureola</i>	Spurge-laurel					<i>Carex sylvatica</i>	Wood sedge			
<i>Daphne mezereum</i>	Daphne mezereon					<i>Circaea lutetiana</i>	Enchanters nightshade			
<i>Euonymus europaeus</i>	Spindle					<i>Conopodium majus</i>	Pignut			
<i>Fagus sylvatica</i>	Beech					<i>Dryopteris affinis</i>	Scaly male-fern			
<i>Frangula alnus</i>	Alder buckthorn					<i>Dryopteris carthusiana</i>	Narrow buckler fern			
<i>Fraxinus excelsior</i>	Ash	R			R	<i>Dryopteris dilatata</i>	Broad buckler-fern			
<i>Ilex aquifolium</i>	Holly					<i>Dryopteris filix-mas</i>	Male fern			
<i>Ligustrum vulgare</i>	Wild privet	R	R	R	R	<i>Epipactis helleborine</i>	Broad-leaved helleborine			
<i>Malus sylvestris</i>	Crab apple					<i>Equisetum sylvaticum</i>	Wood horsetail			
<i>Populus alba</i>	White poplar					<i>Euphorbia amygdaloides</i>	Wood spurge			
<i>Populus nigra ssp. betulifolia</i>	Black poplar					<i>Festuca gigantea</i>	Giant fescue			
<i>Populus tremula</i>	Aspen					<i>Fragaria vesca</i>	Wild strawberry			
<i>Populus x canescens</i>	Grey poplar					<i>Galium odoratum</i>	Sweet woodruff			
<i>Prunus avium</i>	Wild cherry					<i>Geranium robertianum</i>	Herb Robert			
<i>Prunus spinosa</i>	Blackthorn	F	F	O	F	<i>Geum urbanum</i>	Wood aven			
<i>Pyrus cordata</i>	Plymouth pear					<i>Hyalitoides non-scripta</i>	Bluebell			
<i>Pyrus pyrastrer</i>	Wild pear					<i>Lamiastrum galeobdolon</i>	Yellow archangel			
<i>Quercus robur</i>	Pedunculata oak					<i>Lathraea squamaria</i>	Toothwort			
<i>Rhamnus cathartica</i>	Buckthorn					<i>Luzula pilosa</i>	Hairy wood-rush			
<i>Ribes uva-crispa</i>	Gooseberry					<i>Melampyrum pratense</i>	Common cow-wheat			
<i>Rosa species</i>	Rose species	R			R	<i>Mercurialis perennis</i>	Dog's mercury			
<i>Salix species</i>	Willow species					<i>Milium effusum</i>	Wood millet			
<i>Salix viminalis</i>	Osier					<i>Orchis mascula</i>	Early purple orchid			
<i>Sambucus nigra</i>	Elder					<i>Oxalis acetosella</i>	Wood sorrel			
Sub-totals		6	3	4		<i>Paris quadrifolia</i>	Herb Paris			
Latin	English				General DAFOR	Latin	English	General DAFOR		
<i>Sorbus aucuparia</i>	Rowan					<i>Phyllitis scolopendrium</i>	Hart's tongue			
<i>Sorbus species</i>	Whitebeam species					<i>Poa nemoralis</i>	Wood meadow-grass			
<i>Sorbus torminalis</i>	Wild service tree					<i>Polypodium vulgare</i>	Common polypody			
<i>Taxus baccata</i>	Yew					<i>Polystichum aculeatum</i>	Hard shield fern			
<i>Tilia platyphyllos</i>	Large-leaved lime					<i>Polystichum setiferum</i>	Soft shield fern			
<i>Ulex europaeus</i>	Gorse					<i>Potentilla sterilis</i>	Barren strawberry			
<i>Ulmus species</i>	Elm species					<i>Primula elatior</i>	Oxlip			
<i>Viburnum lantana</i>	Wayfaring-tree					<i>Primula vulgaris</i>	Primrose			
<i>Viburnum opulus</i>	Guelder rose					<i>Ranunculus auricomus</i>	Goldlocks buttercup			
						<i>Sanicula europaea</i>	Sanicle			
						<i>Teucrium scorodonia</i>	Wood sage			
						<i>Veronica montana</i>	Wood speedwell			
Total species for each 30m section		6	3	4		<i>Viola odorata</i>	Sweet violet			
Average per 30m section					4.33333333	<i>Viola reichenbachiana</i>	Early dog violet			
						<i>Viola riviniana</i>	Common dog violet			
HEDGEROW ASSESSMENT										
Hedgerow features (taken from Hedgerow Regulations 1997 Part 11 Paragraph 7(4) to (i)).										
(a) A bank or wall which supports the hedgerow along at least half of its length;									Absent	
(b) Gaps which aggregate do not exceed 10% of length of hedgerow;									Absent	
(c) Where the length of the hedgerow does not exceed 50m, at least one standard tree; (standard tree >20cm DBH (or 63cm circ) and multistemmed is >15cm DBH (or 47cm circ).									Absent	
(d) Where the length of the hedgerow exceeds 50m but does not exceed 100m, at least 2 standard trees;									Absent	
(e) Where the length of the hedgerow exceeds 100m, such number of standard trees (within any part of its length) as would when averaged over its total length amount at least one for each 50m;									Absent	
(f) At least 3 woodland species (Schedule 2) within one metre, in any direction, of the outermost edges of the hedgerow;									Absent	
(g) A ditch along at least one half of the length of the hedgerow;									Present	
(h) Connections scoring 4 points or more in accordance with sub-paragraph (5) ³									Absent	
(i) A parallel hedge within 15m of the hedgerow.									Absent	
Total number of features present									1	
Notable shrub or herb species that occur along the length of the entire hedge which are not listed in Schedule 2 or 3										
none observed										
Total number of other hedgerows connecting to hedgerow that is subject of survey										
3										
Signs of use by notable fauna										
none observed										
Is the Hedgerow obviously less than 30 years in age?										No
Does hedge currently support or have desk study records of spp protected in Schedules 1, 5 or 8 of the WaCA, or red data book species for 2007 to date.										No
Does the hedge include at least 7 woody species (from Schedule 3)										No
Does the hedge include at least 6 woody species (from Schedule 3) + 3 features listed overleaf?										No
Does the hedge include at least 6 woody species (from Schedule 3), including native black poplar, small or large lrd lime or service tree?										No
Does the hedge include at least 5 woody species (from Schedule 3) + four features listed overleaf?										No
Hedge adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic + at least 4 woody species (from Schedule 3) + at least 2 of the features described in (a) to (g) above.										No
Qualifies as 'IMPORTANT HEDGEROW'?										No
Notes										
lv , bryony , need to revisit in the sprin - a recently flailed hedge - intact hedge - J2										
Are further surveys needed?									No	

HS1 HEDGEROW SURVEY										
Ecology ID ¹	Hedgerow 04			Land Parcel Reference		WS46259 / WS61881		Date	19/09/2017	
Weather Conditions	dry, sunny			Surveyor(s)		Phil Newbery, Emma Taylor		Transect ID	F001	
Wind	2	Air Temperature (°C)	15		Cloud Cover	3		Rain	0	
Start	Easting (X)		355285		End	Easting (X)		355450		
	Northing (Y)		125038			Northing (Y)		125606		
Total length of hedge section (m)	600			Number of 30m sections to be assessed			3			
Height of hedge (m)	5			Width of hedge (m)			2.5			
Number and length of gaps in hedge (as an overall % of length)					Number of mature trees (>20cm DBH) in total length of hedge					
1					4					
Are there any ditches along the length of the hedge?	No		Orientation of ditch		N/A		Wet or dry Ditch		N/A	
List of Schedule 3 Species for hedgerow assessment within 30m sections.					Schedule 2 species, to be recorded along entire length of hedge (within 1m of outermost edges of the hedgerow)					
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR		
<i>Acer campestre</i>	Field maple	R	R		R	<i>Adoxa moschatellina</i>	Moschatel			
<i>Ailanthus glutinosa</i>	Alder					<i>Ajuga reptans</i>	Bugle			
<i>Betula pendula</i>	Silver birch					<i>Allium ursinum</i>	Ramsons			
<i>Betula pubescens</i>	Downy birch					<i>Anemone nemorosa</i>	Wood anemone			
<i>Carpinus betulus</i>	Hornbeam					<i>Anemone pulsatilla</i>	Lords-and-ladies			
<i>Cornus sanguinea</i>	Dogwood	R			R	<i>Athyrium filix-femina</i>	Lady fern			
<i>Corylus avellana</i>	Hazel			R	R	<i>Brachypodium sylvaticum</i>	Wood false-brome	O		
<i>Crataegus laevigata</i>	Midland hawthorn					<i>Bromus ramosus</i>	Hairy brome			
<i>Crataegus monogyna</i>	Hawthorn	R	O	F	O	<i>Campanula trachelium</i>	Nettle-leaved bellflower			
<i>Daphne laureola</i>	Spurge-laurel					<i>Carex sylvatica</i>	Wood sedge			
<i>Daphne mezereum</i>	Daphne mezereum					<i>Circaea lutetiana</i>	Enchanters nightshade			
<i>Euonymus europaeus</i>	Spindle	R			R	<i>Conopodium majus</i>	Pignut			
<i>Fagus sylvatica</i>	Beech					<i>Dryopteris affinis</i>	Scaly male-fern			
<i>Fragula alnus</i>	Alder buckthorn					<i>Dryopteris carthusiana</i>	Narrow buckler fern			
<i>Fraxinus excelsior</i>	Ash					<i>Dryopteris dilatata</i>	Broad buckler-fern			
<i>Ilex aquifolium</i>	Holly					<i>Dryopteris filix-mas</i>	Male fern			
<i>Ligustrum vulgare</i>	Wild privet	F	F		O	<i>Epipactis helleborine</i>	Broad-leaved helleborine			
<i>Malus sylvestris</i>	Crab apple					<i>Equisetum sylvaticum</i>	Wood horsetail			
<i>Populus alba</i>	White poplar					<i>Euphorbia amygdaloides</i>	Wood spurge			
<i>Populus nigra ssp betulifolia</i>	Black poplar					<i>Festuca gigantea</i>	Giant fescue			
<i>Populus tremula</i>	Aspen					<i>Fragaria vesca</i>	Wild strawberry			
<i>Populus x canescens</i>	Grey poplar					<i>Galium odoratum</i>	Sweet woodruff			
<i>Prunus avium</i>	Wild cherry					<i>Geranium robertianum</i>	Herb Robert			
<i>Prunus spinosa</i>	Blackthorn	A	A	A	A	<i>Geum urbanum</i>	Wood aven			
<i>Pyrus cordata</i>	Plymouth pear					<i>Hyacinthoides non-scripta</i>	Bluebell			
<i>Pyrus pyraster</i>	Wild pear					<i>Lamium galeobdolon</i>	Yellow archangel			
<i>Quercus robur</i>	Pedunculata oak			R	R	<i>Lathraea squamaria</i>	Toothwort			
<i>Rhamnus cathartica</i>	Buckthorn					<i>Luzula pilosa</i>	Hairy wood-rush			
<i>Ribes uva-crispa</i>	Gooseberry					<i>Melampyrum pratense</i>	Common cow-wheat			
<i>Rosa species</i>	Rose species	R		R	R	<i>Mercurialis perennis</i>	Dog's mercury			
<i>Salix species</i>	Willow species					<i>Milium effusum</i>	Wood millet			
<i>Salix viminalis</i>	Osier					<i>Orchis mascula</i>	Early purple orchid			
<i>Sambucus nigra</i>	Elder					<i>Oxalis acetosella</i>	Wood sorrel			
	Sub-totals	7	4	5		<i>Paris quadrifolia</i>	Herb Paris			
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR		
<i>Sorbus aucuparia</i>	Rowan					<i>Phyllitis scolopendrium</i>	Hart's tongue			
<i>Sorbus species</i>	Whitebeam species					<i>Poa nemoralis</i>	Wood meadow-grass			
<i>Sorbus torminalis</i>	Wild service tree					<i>Polypodium vulgare</i>	Common polypody			
<i>Taxus baccata</i>	Yew					<i>Polystichum aculeatum</i>	Hard shield fern			
<i>Tilia platyphyllos</i>	Large-leaved lime					<i>Polystichum setiferum</i>	Soft shield fern			
<i>Ulex europaeus</i>	Gorse					<i>Potentilla sterilis</i>	Barren strawberry			
<i>Ulmus species</i>	Elm species	F	O	R	O	<i>Primula elatior</i>	Oxlip			
<i>Viburnum lantana</i>	Wayfaring-tree					<i>Primula vulgaris</i>	Primrose			
<i>Viburnum opulus</i>	Gelder rose					<i>Ranunculus auricomus</i>	Goldflocks buttercup			
						<i>Sanicula europaea</i>	Sanicle			
						<i>Teucrium scorodonia</i>	Wood sage			
						<i>Veronica montana</i>	Wood speedwell			
						<i>Viola odorata</i>	Sweet violet			
						<i>Viola reichenbachiana</i>	Early dog violet			
						<i>Viola riviniana</i>	Common dog violet			
Total species for each 30m section 8 5 6 6.333333333										
Average per 30m section 6.333333333										
HEDGEROW ASSESSMENT										
Hedgerow features (taken from Hedgerow Regulations 1997 Part 11 Paragraph 7(4) to (i)).										
(a) A bank or wall which supports the hedgerow along at least half of its length;								Absent		
(b) Gaps which aggregate do not exceed 10% of length of hedgerow;								Present		
(c) Where the length of the hedgerow does not exceed 50m, at least one standard tree; (standard tree >20cm DBH (or 63cm circ) and multitemmed is >15cm DBH (or 47cm circ).								Absent		
(d) Where the length of the hedgerow exceeds 50m but does not exceed 100m, at least 2 standard trees;								Absent		
(e) Where the length of the hedgerow exceeds 100m, such number of standard trees (within any part of its length) as would when averaged over its total length amount at least one for each 50m;								Absent		
(f) At least 3 woodland species (Schedule 2) within one metre, in any direction, of the outermost edges of the hedgerow;								Absent		
(g) A ditch along at least one half of the length of the hedgerow;								Absent		
(h) Connections scoring 4 points or more in accordance with sub-paragraph (5) ¹								Absent		
(i) A parallel hedge within 15m of the hedgerow.								Present		
Total number of features present								2		
Notable shrub or herb species that occur along the length of the entire hedge which are not listed in Schedule 2 or 3										
Meadow vetchling, couch grass, bush vetch, false oat-grass, bramble, ivy, common nettle, creeping thistle, hemlock, pendulous sedge, black bryony.										
Total number of other hedgerows connecting to hedgerow that is subject of survey										
1										
Signs of use by notable fauna										
None										
Is the Hedgerow obviously less than 30 years in age?								No		
Does hedge currently support or have desk study records of spp protected in Schedules 1, 5 or 6 of the WaCA, or red data book species for 2007 to date.								No		
Does the hedge include at least 7 woody species (from Schedule 3)								No		
Does the hedge include at least 6 woody species (from Schedule 3) + 3 features listed overleaf?								No		
Does the hedge include at least 6 woody species (from Schedule 3), including native black poplar, small or large lrd lime or service tree?								No		
Does the hedge include at least 5 woody species (from Schedule 3) + four features listed overleaf?								No		
Hedge adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic + at least 4 woody species (from Schedule 3) + at least 2 of the features described in (a) to (g) above.								Yes		
Qualifies as 'IMPORTANT HEDGEROW'?								Yes		
Notes										
Adjacent to footpath and parallel to another hedgerow within close proximity (less than 15m). PHASE 1 HABITAT CODE: J.2.3.1 Intact species-rich hedge and trees.										
Are further surveys needed?								No		

HS1 HEDGEROW SURVEY									
Ecology ID ¹	Hedgerow 05			Land Parcel Reference		WS46247		Date	19/09/2017
Weather Conditions	sunny			Surveyor(s)		Phil Newbery and Emma Taylor		Transect ID	F001
Wind	1	Air Temperature (°C)	18		Cloud Cover	4		Rain	0
Start	Easting (X)	355283			End	Easting (X)	355450		
	Northing (Y)	125039				Northing (Y)	125603		
Total length of hedge section (m)	600			Number of 30m sections to be assessed			3		
Height of hedge (m)	3.5			Width of hedge (m)			2.5		
Number and length of gaps in hedge (as an overall % of length)					Number of mature trees (>20cm DBH) in total length of hedge				
1					25				
Are there any ditches along the length of the hedge?	No		Orientation of ditch	N/A		Wet or dry Ditch	N/A		
List of Schedule 3 Species for hedgerow assessment within 30m sections.					Schedule 2 species, to be recorded along entire length of hedge (within 1m of outermost edges of the hedgerow)				
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR	
<i>Acer campestre</i>	Field maple	O	O	O	O	<i>Adoxa moschatellina</i>	Moschatel		
<i>Ailun glutinosa</i>	Alder					<i>Ajuga reptans</i>	Bugle		
<i>Betula pendula</i>	Silver birch					<i>Allium ursinum</i>	Ramsons		
<i>Betula pubescens</i>	Downy birch					<i>Anemone nemorosa</i>	Wood anemone		
<i>Carpinus betulus</i>	Hornbeam					<i>Arum maculatum</i>	Lords-and-ladies		
<i>Cornus sanguinea</i>	Dogwood		O		R	<i>Athyrium filix-femina</i>	Lady fern		
<i>Corylus avellana</i>	Hazel	R		F	O	<i>Brachypodium sylvaticum</i>	Wood false-brome		
<i>Crataegus laevigata</i>	Midland hawthorn					<i>Bromus ramosus</i>	Hairy brome		
<i>Crataegus monogyna</i>	Hawthorn	O	O	F	O	<i>Campanula trachelium</i>	Nettle-leaved bellflower		
<i>Daphne laureola</i>	Spurge-laurel					<i>Carex sylvatica</i>	Wood sedge		
<i>Daphne mezereum</i>	Daphne mezereum					<i>Circaea lutetiana</i>	Enchanters nightshade		
<i>Euonymus europaeus</i>	Spindle	R			R	<i>Conopodium majus</i>	Pignut		
<i>Fagus sylvatica</i>	Beech					<i>Dryopteris affinis</i>	Scaly male-fern		
<i>Frangula alnus</i>	Alder buckthorn					<i>Dryopteris carthusiana</i>	Narrow buckler fern		
<i>Fraxinus excelsior</i>	Ash					<i>Dryopteris dilatata</i>	Broad buckler-fern		
<i>Ilex aquifolium</i>	Holly					<i>Dryopteris filix-mas</i>	Male fern		
<i>Ligustrum vulgare</i>	Wild privet		R	R	R	<i>Epipactis helleborine</i>	Broad-leaved helleborine		
<i>Malus sylvestris</i>	Crab apple					<i>Equisetum sylvaticum</i>	Wood horsetail		
<i>Populus alba</i>	White poplar					<i>Euphorbia amygdaloides</i>	Wood spurge		
<i>Populus nigra ssp betulifolia</i>	Black poplar					<i>Festuca gigantea</i>	Giant fescue		
<i>Populus tremula</i>	Aspen					<i>Fragaria vesca</i>	Wild strawberry		
<i>Populus x canescens</i>	Grey poplar					<i>Galium odoratum</i>	Sweet woodruff		
<i>Prunus avium</i>	Wild cherry					<i>Geranium robertianum</i>	Herb Robert		
<i>Prunus spinosa</i>	Blackthorn	F	A	F	A	<i>Geum urbanum</i>	Wood aven		
<i>Pyrus cordata</i>	Plymouth pear					<i>Hyacinthoides non-scripta</i>	Bluebell		
<i>Pyrus pyrastrer</i>	Wild pear					<i>Lamium galeobdolon</i>	Yellow archangel		
<i>Quercus robur</i>	Pedunculata oak					<i>Lathraea squamaria</i>	Toothwort		
<i>Rhamnus cathartica</i>	Buckthorn					<i>Luzula pilosa</i>	Hairy wood-rush		
<i>Ribes uva-crispa</i>	Gooseberry					<i>Melampyrum pratense</i>	Common cow-wheat		
<i>Rosa species</i>	Rose species	R			R	<i>Mercurialis perennis</i>	Dog's mercury		
<i>Salix species</i>	Willow species					<i>Milium effusum</i>	Wood millet		
<i>Salix viminalis</i>	Osier					<i>Orchis mascula</i>	Early purple orchid		
<i>Sambucus nigra</i>	Elder	O			R	<i>Oxalis acetosella</i>	Wood sorrel		
	Sub-totals	7	5	5		<i>Paris quadrifolia</i>	Herb Paris		
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR	
<i>Sorbus aucuparia</i>	Rowan					<i>Phyllitis scolopendrium</i>	Hart's tongue		
<i>Sorbus species</i>	Whitebeam species					<i>Poa nemoralis</i>	Wood meadow-grass		
<i>Sorbus torminalis</i>	Wild service tree					<i>Polypodium vulgare</i>	Common polypody		
<i>Taxus baccata</i>	Yew					<i>Polystichum aculeatum</i>	Hard shield fern		
<i>Tilia platyphyllos</i>	Large-leaved lime					<i>Polystichum setiferum</i>	Soft shield fern		
<i>Ulex europaeus</i>	Gorse					<i>Potentilla sterilis</i>	Barren strawberry		
<i>Ulmus species</i>	Elm species	A		O	O	<i>Primula elatior</i>	Oxlip		
<i>Viburnum lantana</i>	Wayfaring-tree					<i>Primula vulgaris</i>	Primrose		
<i>Viburnum opulus</i>	Guelder rose					<i>Ranunculus auricomus</i>	Goldlocks buttercup		
						<i>Sanicula europaea</i>	Sanicle		
						<i>Teucrium scorodoria</i>	Wood sage		
						<i>Veronica montana</i>	Wood speedwell		
						<i>Viola odorata</i>	Sweet violet		
						<i>Viola reichenbachiana</i>	Early dog violet		
						<i>Viola riviniana</i>	Common dog violet		
Total species for each 30m section		8	5	6					
Average per 30m section					6.333333333				
HEDGEROW ASSESSMENT									
Hedgerow features (taken from Hedgerow Regulations 1997 Part 11 Paragraph 7(4) to (i)).									
(a) A bank or wall which supports the hedgerow along at least half of its length;								Absent	
(b) Gaps which aggregate do not exceed 10% of length of hedgerow;								Present	
(c) Where the length of the hedgerow does not exceed 50m, at least one standard tree; (standard tree >20cm DBH (or 63cm circ) and multitermed is >15cm DBH (or 47cm circ).								Absent	
(d) Where the length of the hedgerow exceeds 50m but does not exceed 100m, at least 2 standard trees;								Absent	
(e) Where the length of the hedgerow exceeds 100m, such number of standard trees (within any part of its length) as would when averaged over its total length amount at least one for each 50m;								Present	
(f) At least 3 woodland species (Schedule 2) within one metre, in any direction, of the outermost edges of the hedgerow;								Absent	
(g) A ditch along at least one half of the length of the hedgerow;								Absent	
(h) Connections scoring 4 points or more in accordance with sub-paragraph (5) ¹								Absent	
(i) A parallel hedge within 15m of the hedgerow.								Present	
Total number of features present								3	
Notable shrub or herb species that occur along the length of the entire hedge which are not listed in Schedule 2 or 3									
Common nettle, hemlock, dandelion, ivy, meadowsweet.									
Total number of other hedgerows connecting to hedgerow that is subject of survey									
1									
Signs of use by notable fauna									
badger footprint found (E: 355345 N: 125320) adjacent to hedgerow.									
Is the Hedgerow obviously less than 30 years in age?								No	
Does hedge currently support or have desk study records of spp protected in Schedules 1, 5 or 8 of the WACA, or red data book species for 2007 to date.								No	
Does the hedge include at least 7 woody species (from Schedule 3)								No	
Does the hedge include at least 6 woody species (from Schedule 3) + 3 features listed overleaf?								No	
Does the hedge include at least 5 woody species (from Schedule 3), including native black poplar, small or large lrd lime or service tree?								No	
Does the hedge include at least 5 woody species (from Schedule 3) + 4 features listed overleaf?								No	
Hedge adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic + at least 4 woody species (from Schedule 3) + at least 2 of the features described in (a) to (g) above.								Yes	
Qualifies as 'IMPORTANT HEDGEROW'?								Yes	
Notes									
Westerly adjacent to footpath. PHASE 1 HABITAT CODE: J.2.3.1 Intact species-rich hedge and trees.									
Are further surveys needed?								No	

HS1 HEDGEROW SURVEY										
Ecology ID	Hedgerow 06			Land Parcel Reference		WS46247		Date	23/11/2017	
Weather Conditions	sunny, cool			Surveyor(s)		AM & ET	Transect ID	F001		
Wind	4	Air Temperature (°C)	9		Cloud Cover	0	Rain	0		
Start	Easting (X)		35530		End	Easting (X)		355363		
	Northing (Y)		125279			Northing (Y)		125300		
Total length of hedge section (m)	180m			Number of 30m sections to be assessed				2		
Height of hedge (m)	3m			Width of hedge (m)				3m		
Number and length of gaps in hedge (as an overall % of length)					Number of mature trees (>20cm DBH) in total length of hedge					
0					3					
Are there any ditches along the length of the hedge?	Yes		Orientation of ditch	N		Wet or dry Ditch	Wet			
List of Schedule 3 Species for hedgerow assessment within 30m sections.					Schedule 2 species, to be recorded along entire length of hedge (within 1m of outermost edges of the hedgerow)					
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR		
<i>Acer campestre</i>	Field maple	O	R		R	<i>Adoxa moschatellina</i>	Moschatel			
<i>Alnus glutinosa</i>	Alder					<i>Ajuga reptans</i>	Bugle			
<i>Betula pendula</i>	Silver birch					<i>Allium ursinum</i>	Ramsons			
<i>Betula pubescens</i>	Downy birch					<i>Anemone nemorosa</i>	Wood anemone			
<i>Carpinus betulus</i>	Hornbeam					<i>Arum maculatum</i>	Lords-and-ladies			
<i>Cornus sanguinea</i>	Dogwood	O			R	<i>Athyrium filix-femina</i>	Lady fern			
<i>Corylus avellana</i>	Hazel					<i>Brachypodium sylvaticum</i>	Wood false-brome			
<i>Crataegus laevigata</i>	Midland hawthorn					<i>Bromus ramosus</i>	Hairy brome			
<i>Crataegus monogyna</i>	Hawthorn	O			R	<i>Campanula trachelium</i>	Nettle-leaved bellflower			
<i>Daphne laureola</i>	Spurge-laurel					<i>Carex sylvatica</i>	Wood sedge			
<i>Daphne mezereum</i>	Daphne mezereum					<i>Circaea lutetiana</i>	Enchanters nightshade			
<i>Euonymus europaeus</i>	Spindle					<i>Conopodium majus</i>	Pignut			
<i>Fagus sylvatica</i>	Beech					<i>Dryopteris affinis</i>	Scaly male-fern			
<i>Frangula alnus</i>	Alder buckthorn					<i>Dryopteris carthusiana</i>	Narrow buckler-fern			
<i>Fraxinus excelsior</i>	Ash					<i>Dryopteris dilatata</i>	Broad buckler-fern			
<i>Ilex aquifolium</i>	Holly					<i>Dryopteris filix-mas</i>	Male fern			
<i>Ligustrum vulgare</i>	Wild privet	R	O		R	<i>Epipactis helleborine</i>	Broad-leaved helleborine			
<i>Malus sylvestris</i>	Crab apple					<i>Equisetum sylvaticum</i>	Wood horsetail			
<i>Populus alba</i>	White poplar					<i>Euphorbia amygdaloides</i>	Wood spurge			
<i>Populus nigra ssp betulifolia</i>	Black poplar					<i>Festuca gigantea</i>	Giant fescue			
<i>Populus tremula</i>	Aspen					<i>Fragaria vesca</i>	Wild strawberry			
<i>Populus x canescens</i>	Grey poplar					<i>Galium odoratum</i>	Sweet woodruff			
<i>Prunus avium</i>	Wild cherry					<i>Geranium robertianum</i>	Herb Robert	R		
<i>Prunus spinosa</i>	Blackthorn	F	F		F	<i>Geum urbanum</i>	Wood aven			
<i>Pyrus cordata</i>	Plymouth pear					<i>Hyacinthoides non-scripta</i>	Bluebell			
<i>Pyrus pyramidalis</i>	Wild pear					<i>Lamium album</i>	Yellow archangel			
<i>Quercus robur</i>	Pedunculata oak					<i>Lathraea squamaria</i>	Toothwort			
<i>Rhamnus cathartica</i>	Buckthorn					<i>Luzula pilosa</i>	Hairy wood-rush			
<i>Ribes uva-crispa</i>	Gooseberry					<i>Melampyrum pratense</i>	Common cow-wheat			
<i>Rosa species</i>	Rose species	R			R	<i>Mercurialis perennis</i>	Dog's mercury			
<i>Salix species</i>	Willow species					<i>Milium effusum</i>	Wood millet			
<i>Salix viminalis</i>	Osier					<i>Orchis mascula</i>	Early purple orchid			
<i>Sambucus nigra</i>	Elder		O		O	<i>Oxalis acetosella</i>	Wood sorrel			
Sub-totals		6	4	0		<i>Paris quadrifolia</i>	Herb Paris			
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR		
<i>Sorbus aucuparia</i>	Rowan					<i>Phyllitis scolopendrium</i>	Hart's tongue			
<i>Sorbus species</i>	Whitebeam species					<i>Poa nemoralis</i>	Wood meadow-grass			
<i>Sorbus terminalis</i>	Wild service tree					<i>Polypodium vulgare</i>	Common polypody			
<i>Taxus baccata</i>	Yew					<i>Polytichum aculeatum</i>	Hard shield fern			
<i>Tilia platyphyllos</i>	Large-leaved lime					<i>Polytichum setiferum</i>	Soft shield fern			
<i>Ulex europaeus</i>	Gorse					<i>Potentilla sterilis</i>	Barren strawberry			
<i>Ulmus species</i>	Elm species	R	O		R	<i>Primula elatior</i>	Oxlip			
<i>Viburnum lantana</i>	Wayfaring tree					<i>Primula vulgaris</i>	Primrose			
<i>Viburnum opulus</i>	Guelder rose					<i>Ranunculus auricomus</i>	Goldlocks buttercup			
						<i>Sanicula europaea</i>	Sanicle			
						<i>Teucrium scorodonia</i>	Wood sage			
						<i>Veronica montana</i>	Wood speedwell			
						<i>Viola odorata</i>	Sweet violet			
Total species for each 30m section		7	5	0		<i>Viola reichenbachiana</i>	Early dog violet			
Average per 30m section					4	<i>Viola riviniana</i>	Common dog violet			
HEDGEROW ASSESSMENT										
Hedgerow features (taken from Hedgerow Regulations 1997 Part 11 Paragraph 7(4) to (i)).										
(a) A bank or wall which supports the hedgerow along at least half of its length;								Absent		
(b) Gaps which aggregate do not exceed 10% of length of hedgerow;								Absent		
(c) Where the length of the hedgerow does not exceed 50m, at least one standard tree; (standard tree >20cm DBH (or 63cm circ) and multistemmed is >15cm DBH (or 47cm circ).								Absent		
(d) Where the length of the hedgerow exceeds 50m but does not exceed 100m, at least 2 standard trees;								Absent		
(e) Where the length of the hedgerow exceeds 100m, such number of standard trees (within any part of its length) as would when averaged over its total length amount at least one for each 50m;								Absent		
(f) At least 3 woodland species (Schedule 2) within one metre, in any direction, of the outermost edges of the hedgerow;								Absent		
(g) A ditch along at least one half of the length of the hedgerow;								Present		
(h) Connections scoring 4 points or more in accordance with sub-paragraph (5) 1								Absent		
(i) A parallel hedge within 15m of the hedgerow.								Absent		
Total number of features present								1		
Notable shrub or herb species that occur along the length of the entire hedge which are not listed in Schedule 2 or 3										
none observed										
Total number of other hedgerows connecting to hedgerow that is subject of survey										
2										
Signs of use by notable fauna										
none observed										
Is the Hedgerow obviously less than 30 years in age?										No
Does hedge currently support or have desk study records of spp protected in Schedules 1, 5 or 8 of the WACA, or red data book species for 2007 to date.										Unknown
Does the hedge include at least 7 woody species (from Schedule 3)										No
Does the hedge include at least 6 woody species (from Schedule 3) + 3 features listed overleaf?										No
Does the hedge include at least 6 woody species (from Schedule 3), including native black poplar, small or large nd lime or service tree?										No
Does the hedge include at least 5 woody species (from Schedule 3) + four features listed overleaf?										No
Hedge adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic + at least 4 woody species (from Schedule 3) + at least 2 of the features described in (a) to (g) above.										No
Qualifies as 'IMPORTANT HEDGEROW'?										No
Notes										
PHASE 1 HABITAT CLASSIFICATION = J2.3 iv, cleavers, herb robert, ground elder, hemlock.										
Are further surveys needed?								No		

HS1 HEDGEROW SURVEY									
Ecology ID	Hedgerow 7			Land Parcel Reference	WS46247		Date	23/11/2017	
Weather Conditions	dry and cloudy			Surveyor(s)	AM & ET		Transect ID		
Wind	3	Air Temperature (°C)	9	Cloud Cover	0	Rain	0		
Start	Easting (X)	355523		End	Easting (X)	355534			
	Northing (Y)	125232			Northing (Y)	125280			
Total length of hedge section (m)	50			Number of 30m sections to be assessed	1				
Height of hedge (m)	2.1m			Width of hedge (m)	3m				
Number and length of gaps in hedge (as an overall % of length)				Number of mature trees (>20cm DBH) in total length of hedge					
0				1					
Are there any ditches along the length of the hedge?	Yes	Orientation of ditch	E		Wet or dry Ditch	Wet			
List of Schedule 3 Species for hedgerow assessment within 30m sections.					Schedule 2 species, to be recorded along entire length of hedge (within 1m of outermost edges of the hedgerow)				
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR	
<i>Acer campestre</i>	Field maple					<i>Adoxa moschatellina</i>	Moschatel		
<i>Alnus glutinosa</i>	Alder					<i>Ajuga reptans</i>	Bugle		
<i>Betula pendula</i>	Silver birch					<i>Allium ursinum</i>	Ramsons		
<i>Betula pubescens</i>	Downy birch					<i>Anemone nemorosa</i>	Wood anemone		
<i>Carpinus betulus</i>	Hornbeam					<i>Arum maculatum</i>	Lords-and-ladies		
<i>Cornus sanguinea</i>	Dogwood					<i>Athyrium filix-femina</i>	Lady fern		
<i>Corylus avellana</i>	Hazel	R				<i>Brachypodium sylvaticum</i>	Wood false-brome		
<i>Crataegus laevigata</i>	Midland hawthorn					<i>Bromus ramosus</i>	Hairy brome	R	
<i>Crataegus monogyna</i>	Hawthorn	O				<i>Campanula trachelium</i>	Nettle-leaved bellflower		
<i>Daphne laureola</i>	Spurge-laurel					<i>Carex sylvatica</i>	Wood sedge		
<i>Daphne mezereum</i>	Daphne mezereum					<i>Circaea lutetiana</i>	Enchanters nightshade		
<i>Euonymus europaeus</i>	Spindle					<i>Conopodium majus</i>	Pignut		
<i>Fagus sylvatica</i>	Beech					<i>Dryopteris affinis</i>	Scaly male-fern		
<i>Fraxinus alnus</i>	Alder buckthorn					<i>Dryopteris canthusiaria</i>	Narrow buckler fern		
<i>Fraxinus excelsior</i>	Ash					<i>Dryopteris dilatata</i>	Broad buckler-fern		
<i>Ilex aquifolium</i>	Holly					<i>Dryopteris filix-mas</i>	Male fern		
<i>Ligustrum vulgare</i>	Wild privet	R				<i>Epipactis helleborine</i>	Broad-leaved helleborine		
<i>Malus sylvestris</i>	Crab apple					<i>Equisetum sylvaticum</i>	Wood horsetail		
<i>Populus alba</i>	White poplar					<i>Euphorbia amygdaloides</i>	Wood spurge		
<i>Populus nigra ssp betulifolia</i>	Black poplar					<i>Festuca gigantea</i>	Giant fescue		
<i>Populus tremula</i>	Aspen					<i>Fragaria vesca</i>	Wild strawberry		
<i>Populus x canescens</i>	Grey poplar					<i>Galium odoratum</i>	Sweet woodruff		
<i>Prunus avium</i>	Wild cherry					<i>Geranium robertianum</i>	Herb Robert		
<i>Prunus spinosa</i>	Blackthorn	O				<i>Geum urbanum</i>	Wood aven		
<i>Pyrus cordata</i>	Plymouth pear					<i>Hyacinthoides non-scripta</i>	Bluebell		
<i>Pyrus pyraster</i>	Wild pear					<i>Lamiasium galeobdolon</i>	Yellow archangel		
<i>Quercus robur</i>	Pedunculata oak	R				<i>Lathraea squamaria</i>	Toothwort		
<i>Rhamnus cathartica</i>	Buckthorn					<i>Luzula pilosa</i>	Hairy wood-rush		
<i>Ribes uva-crispa</i>	Gooseberry					<i>Melampyrum pratense</i>	Common cow-wheat		
<i>Rosa species</i>	Rose species	R				<i>Mercurialis perennis</i>	Dog's mercury		
<i>Salix species</i>	Willow species					<i>Milium effusum</i>	Wood millet		
<i>Salix viminalis</i>	Osier					<i>Orchis mascula</i>	Early purple orchid		
<i>Sambucus nigra</i>	Elder					<i>Oxalis acetosella</i>	Wood sorrel		
Sub-totals						<i>Paris quadrifolia</i>	Herb Paris		
Latin	English				General DAFOR	Latin	English	General DAFOR	
<i>Sorbus aucuparia</i>	Rowan					<i>Phyllitis scolopendrium</i>	Hart's tongue		
<i>Sorbus species</i>	Whitebeam species					<i>Poa nemoralis</i>	Wood meadow-grass		
<i>Sorbus torminalis</i>	Wild service tree					<i>Polypodium vulgare</i>	Common polypody		
<i>Taxus baccata</i>	Yew					<i>Polystichum aculeatum</i>	Hard shield fern		
<i>Tilia platyphyllos</i>	Large-leaved lime					<i>Polystichum setiferum</i>	Soft shield fern		
<i>Ulex europaeus</i>	Gorse					<i>Potentilla sterilis</i>	Barren strawberry		
<i>Ulmus species</i>	Elm species	R				<i>Primula elatior</i>	Oxlip		
<i>Viburnum lantana</i>	Wayfaring-tree					<i>Primula vulgaris</i>	Primrose		
<i>Viburnum opulus</i>	Guelder rose					<i>Ranunculus auricomus</i>	Goldlocks buttercup		
						<i>Sanicula europaea</i>	Sanicle		
						<i>Teucrium scorodonia</i>	Wood sage		
						<i>Veronica montana</i>	Wood speedwell		
						<i>Viola odorata</i>	Sweet violet		
						<i>Viola reichenbachiana</i>	Early dog violet		
						<i>Viola riviniana</i>	Common dog violet		
Total species for each 30m section		7	0	0					
Average per 30m section					2.33333333				
HEDGEROW ASSESSMENT									
Hedgerow features (taken from Hedgerow Regulations 1997 Part 11 Paragraph 7(4) to (i)).									
(a) A bank or wall which supports the hedgerow along at least half of its length;								Absent	
(b) Gaps which aggregate do not exceed 10% of length of hedgerow;								Absent	
(c) Where the length of the hedgerow does not exceed 50m, at least one standard tree; (standard tree >20cm DBH (or 63cm circ) and multistemmed is >15cm DBH (or 47cm circ).								Present	
(d) Where the length of the hedgerow exceeds 50m but does not exceed 100m, at least 2 standard trees;								Absent	
(e) Where the length of the hedgerow exceeds 100m, such number of standard trees (within any part of its length) as would when averaged over its total length amount at least one for each 50m;								Absent	
(f) At least 3 woodland species (Schedule 2) within one metre, in any direction, of the outermost edges of the hedgerow;								Absent	
(g) A ditch along at least one half of the length of the hedgerow;								Present	
(h) Connections scoring 4 points or more in accordance with sub-paragraph (5) *								Absent	
(i) A parallel hedge within 15m of the hedgerow.								Absent	
Total number of features present								2	
Notable shrub or herb species that occur along the length of the entire hedge which are not listed in Schedule 2 or 3									
None observed									
Total number of other hedgerows connecting to hedgerow that is subject of survey									
2									
Signs of use by notable fauna									
None observed									
Is the Hedgerow obviously less than 30 years in age?								No	
Does hedge currently support or have desk study records of spp protected in Schedules 1, 5 or 8 of the WACA, or red data book species for 2007 to date.								Unknown	
Does the hedge include at least 7 woody species (from Schedule 3)								No	
Does the hedge include at least 6 woody species (from Schedule 3) + 3 features listed overleaf?								No	
Does the hedge include at least 5 woody species (from Schedule 3), including native black poplar, small or large hd lime or service tree?								No	
Does the hedge include at least 5 woody species (from Schedule 3) + 4 features listed overleaf?								No	
Hedge adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic + at least 4 woody species (from Schedule 3) + at least 2 of the features described in (a) to (g) above.								No	
Qualifies as 'IMPORTANT HEDGEROW'?								No	
Notes									
ivy, cleavers, bramble - hedge with trees (J.2 classification phase 1)									
Are further surveys needed?								No	

HS1 HEDGEROW SURVEY									
Ecology ID	Hedgerow 8			Land Parcel Reference		WS46247		Date	22/11/2017
Weather Conditions	dry and cloudy			Surveyor(s)		Alex Morley, Emma Taylor	Transect ID	F001	
Wind	5	Air Temperature (°C)	9		Cloud Cover	0	Rain	0	
Start	Easting (X)		355325		End		Easting (X)		355590
	Northing (Y)		125490				Northing (Y)		125500
Total length of hedge section (m)	60			Number of 30m sections to be assessed			1		
Height of hedge (m)	6			Width of hedge (m)			2		
Number and length of gaps in hedge (as an overall % of length)					Number of mature trees (>20cm DBH) in total length of hedge				
8					1				
Are there any ditches along the length of the hedge?	Yes	Orientation of ditch	S		Wet or dry Ditch	Wet			
List of Schedule 3 Species for hedgerow assessment within 30m sections.					Schedule 2 species, to be recorded along entire length of hedge (within 1m of outermost edges of the hedgerow)				
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR	
<i>Acer campestre</i>	Field maple					<i>Adoxa moschatellina</i>	Moschatel		
<i>Alnus glutinosa</i>	Alder					<i>Ajuga reptans</i>	Bugle		
<i>Betula pendula</i>	Silver birch					<i>Allium ursinum</i>	Ramsons		
<i>Betula pubescens</i>	Downy birch					<i>Anemone nemorosa</i>	Wood anemone		
<i>Carpinus betulus</i>	Hornbeam					<i>Arum maculatum</i>	Lords-and-ladies		
<i>Cornus sanguinea</i>	Dogwood	O				<i>Athyrium filix-femina</i>	Lady fern		
<i>Corylus avellana</i>	Hazel					<i>Brachypodium sylvaticum</i>	Wood false-brome		
<i>Crataegus laevigata</i>	Midland hawthorn					<i>Bromus ramosus</i>	Hairy brome		
<i>Crataegus monogyna</i>	Hawthorn	F				<i>Campanula trachelium</i>	Nettle-leaved bellflower		
<i>Daphne laureola</i>	Spurge-laurel					<i>Carex sylvatica</i>	Wood sedge		
<i>Daphne mezereum</i>	Daphne mezereon					<i>Circaea lutetiana</i>	Enchanters nightshade		
<i>Euonymus europaeus</i>	Spindle					<i>Conopodium majus</i>	Pignut		
<i>Fagus sylvatica</i>	Beech					<i>Dryopteris affinis</i>	Scaly male-fern		
<i>Fraxinus alnus</i>	Alder buckthorn					<i>Dryopteris carthusiana</i>	Narrow buckler fern		
<i>Fraxinus excelsior</i>	Ash					<i>Dryopteris dilatata</i>	Broad buckler-fern		
<i>Ilex aquifolium</i>	Holly					<i>Dryopteris filix-mas</i>	Male fern		
<i>Ligustrum vulgare</i>	Wild privet					<i>Epipactis helleborine</i>	Broad-leaved helleborine		
<i>Malus sylvestris</i>	Crab apple					<i>Equisetum sylvaticum</i>	Wood horsetail		
<i>Populus alba</i>	White poplar					<i>Euphorbia amygdaloides</i>	Wood spurge		
<i>Populus nigra ssp betulifolia</i>	Black poplar					<i>Festuca gigantea</i>	Giant fescue		
<i>Populus tremula</i>	Aspen					<i>Fragaria vesca</i>	Wild strawberry		
<i>Populus x canescens</i>	Grey poplar					<i>Galium odoratum</i>	Sweet woodruff		
<i>Prunus avium</i>	Wild cherry					<i>Geranium robertianum</i>	Herb Robert		
<i>Prunus spinosa</i>	Blackthorn	O				<i>Geum urbanum</i>	Wood avens		
<i>Pyrus cordata</i>	Plymouth pear					<i>Hyacinthoides non-scripta</i>	Bluebell		
<i>Pyrus pyrastrer</i>	Wild pear					<i>Lamium strumarium</i>	Yellow archangel		
<i>Quercus robur</i>	Pedunculata oak					<i>Lathraea squamaria</i>	Toothwort		
<i>Rhamnus cathartica</i>	Buckthorn					<i>Luzula pilosa</i>	Hairy wood-rush		
<i>Ribes luteo-crispa</i>	Gooseberry					<i>Melampyrum pratense</i>	Common cow-wheat		
<i>Rosa species</i>	Rose species	O				<i>Mercurialis perennis</i>	Dog's mercury		
<i>Salix species</i>	Willow species	O				<i>Milium effusum</i>	Wood millet		
<i>Salix viminalis</i>	Osier					<i>Orchis mascula</i>	Early purple orchid		
<i>Sambucus nigra</i>	Elder	R				<i>Oxalis acetosella</i>	Wood sorrel		
	Sub-totals	6				<i>Paris quadrifolia</i>	Herb Paris		
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR	
<i>Sorbus aucuparia</i>	Rowan					<i>Phyllitis scolopendrium</i>	Hart's tongue		
<i>Sorbus species</i>	Whitebeam species					<i>Poa nemoralis</i>	Wood meadow-grass		
<i>Sorbus torminalis</i>	Wild service tree					<i>Polypodium vulgare</i>	Common polypody		
<i>Taxus baccata</i>	Yew					<i>Polystichum aculeatum</i>	Hard shield fern		
<i>Tilia platyphyllos</i>	Large-leaved lime					<i>Polystichum setiferum</i>	Soft shield fern		
<i>Ulex europaeus</i>	Gorse					<i>Potentilla sterilis</i>	Barnen strawberry		
<i>Ulmus species</i>	Elm species	R				<i>Primula elatior</i>	Oxlip		
<i>Viburnum lantana</i>	Wayfaring-tree					<i>Primula vulgaris</i>	Primrose		
<i>Viburnum opulus</i>	Gelder rose					<i>Ranunculus auricomus</i>	Goldlocks buttercup		
						<i>Sanicula europaea</i>	Sanicle		
						<i>Teucrium scorodonia</i>	Wood sage		
						<i>Veronica montana</i>	Wood speedwell		
						<i>Viola odorata</i>	Sweet violet		
						<i>Viola reichenbachiana</i>	Early dog violet		
						<i>Viola riviniana</i>	Common dog violet		
Total species for each 30m section		7	0	0					
Average per 30m section					2.33333333				
HEDGEROW ASSESSMENT									
Hedgerow features (taken from Hedgerow Regulations 1997 Part 11 Paragraph 7(4) to (i)).									
(a) A bank or wall which supports the hedgerow along at least half of its length;								Absent	
(b) Gaps which aggregate do not exceed 10% of length of hedgerow;								Present	
(c) Where the length of the hedgerow does not exceed 50m, at least one standard tree; (standard tree >20cm DBH (or 63cm circ) and multistemmed is >15cm DBH (or 47cm circ).								Absent	
(d) Where the length of the hedgerow exceeds 50m but does not exceed 100m, at least 2 standard trees;								Present	
(e) Where the length of the hedgerow exceeds 100m, such number of standard trees (within any part of its length) as would when averaged over its total length amount at least one for each 50m;								Absent	
(f) At least 3 woodland species (Schedule 2) within one metre, in any direction, of the outermost edges of the hedgerow;								Absent	
(g) A ditch along at least one half of the length of the hedgerow;								Present	
(h) Connections scoring 4 points or more in accordance with sub-paragraph (5) ?								Present	
(i) A parallel hedge within 15m of the hedgerow.								Absent	
Total number of features present								4	
Notable shrub or herb species that occur along the length of the entire hedge which are not listed in Schedule 2 or 3									
None observed									
Total number of other hedgerows connecting to hedgerow that is subject of survey									
4									
Signs of use by notable fauna									
None observed									
Is the Hedgerow obviously less than 30 years in age?								No	
Does hedge currently support or have desk study records of spp protected in Schedules 1, 5 or 8 of the WACA, or red data book species for 2007 to date.								Unknown	
Does the hedge include at least 7 woody species (from Schedule 3)								Yes	
Does the hedge include at least 6 woody species (from Schedule 3) + 3 features listed overleaf?								Yes	
Does the hedge include at least 6 woody species (from Schedule 3), including native black poplar, small or large lvd lime or service tree?								No	
Does the hedge include at least 5 woody species (from Schedule 3) + four features listed overleaf?								Yes	
Hedge adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic + at least 4 woody species (from Schedule 3) + at least 2 of the features described in (a) to (g) above.								No	
Qualifies as 'IMPORTANT HEDGEROW'?								Yes	
Notes									
by , nettle , cocksfoot , hedge wound rout , cleavers , hemlock - J2C - Hedge with trees									
Are further surveys needed?								No	

HS1 HEDGEROW SURVEY									
Ecology ID ¹	Hedgerow 9			Land Parcel Reference		WS61881, ST139074		Date	28/09/2017
Weather Conditions	dry, sunny.			Surveyor(s)		Phil Newberry, Dave Locke	Transect ID	F001	
Wind	2	Air Temperature (°C)	19		Cloud Cover	4	Rain	0	
Start	Easting (X)		354964		End	Easting (X)		355277	
	Northing (Y)		125150			Northing (Y)		125041	
Total length of hedge section (m)	335			Number of 30m sections to be assessed			3		
Height of hedge (m)	3			Width of hedge (m)			1.5		
Number and length of gaps in hedge (as an overall % of length)					Number of mature trees (>20cm DBH) in total length of hedge				
90					0				
Are there any ditches along the length of the hedge?	No		Orientation of ditch	N/A		Wet or dry Ditch	N/A		
List of Schedule 3 Species for hedgerow assessment within 30m sections.					Schedule 2 species, to be recorded along entire length of hedge (within 1m of outermost edges of the hedgerow)				
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR	
<i>Acer campestre</i>	Field maple					<i>Adoxa moschatellina</i>	Moschatel		
<i>Alnus glutinosa</i>	Alder					<i>Ajuga reptans</i>	Bugle		
<i>Betula pendula</i>	Silver birch					<i>Allium ursinum</i>	Ramsons		
<i>Betula pubescens</i>	Downy birch					<i>Anemone nemorosa</i>	Wood anemone		
<i>Carpinus betulus</i>	Hornbeam					<i>Arum maculatum</i>	Lords-and-ladies		
<i>Cornus sanguinea</i>	Dogwood					<i>Athyrium filix-femina</i>	Lady fern		
<i>Corylus avellana</i>	Hazel					<i>Brachypodium sylvaticum</i>	Wood false-brome		
<i>Crataegus laevigata</i>	Midland hawthorn					<i>Bromus ramosus</i>	Hairy brome		
<i>Crataegus monogyna</i>	Hawthorn					<i>Campanula trachelium</i>	Nettle-leaved bellflower		
<i>Daphne laureola</i>	Spurge-laurel					<i>Carex sylvatica</i>	Wood sedge		
<i>Daphne mezereum</i>	Daphne mezereum					<i>Ciccaea luteiana</i>	Enchanters nightshade		
<i>Euonymus europaeus</i>	Spindle					<i>Conopodium majus</i>	Pignut		
<i>Fagus sylvatica</i>	Beech					<i>Dryopteris affinis</i>	Scaly male-fern		
<i>Fraxinus excelsior</i>	Alder buckthorn					<i>Dryopteris carthusiana</i>	Narrow buckler fern		
<i>Fraxinus excelsior</i>	Ash					<i>Dryopteris dilatata</i>	Broad buckler-fern		
<i>Ilex aquifolium</i>	Holly					<i>Dryopteris filix-mas</i>	Male fern		
<i>Ligustrum vulgare</i>	Wild privet					<i>Epipactis helleborine</i>	Broad-leaved helleborine		
<i>Malus sylvestris</i>	Crab apple					<i>Equisetum sylvaticum</i>	Wood horsetail		
<i>Populus alba</i>	White poplar					<i>Euphorbia amygdaloides</i>	Wood spurge		
<i>Populus nigra ssp betulifolia</i>	Black poplar					<i>Festuca gigantea</i>	Giant fescue		
<i>Populus tremula</i>	Aspen					<i>Fragaria vesca</i>	Wild strawberry		
<i>Populus x canescens</i>	Grey poplar					<i>Galium odoratum</i>	Sweet woodruff		
<i>Prunus avium</i>	Wild cherry					<i>Geranium robertianum</i>	Herb Robert		
<i>Prunus spinosa</i>	Blackthorn	O			O	<i>Geum urbanum</i>	Wood aven		
<i>Pyrus cordata</i>	Plymouth pear					<i>Hyacinthoides non-scripta</i>	Bluebell		
<i>Pyrus pyrastrer</i>	Wild pear					<i>Lamium strum galeobdolon</i>	Yellow archangel		
<i>Quercus robur</i>	Pedunculata oak					<i>Lathraea squamaria</i>	Toothwort		
<i>Rhamnus cathartica</i>	Buckthorn					<i>Luzula pilosa</i>	Hairy wood-rush		
<i>Ribes uva-crispa</i>	Gooseberry					<i>Melampyrum pratense</i>	Common cow-wheat		
<i>Rosa species</i>	Rose species					<i>Mercurialis perennis</i>	Dog's mercury		
<i>Salix species</i>	Willow species					<i>Milium effusum</i>	Wood millet		
<i>Salix viminalis</i>	Osier					<i>Orchis mascula</i>	Early purple orchid		
<i>Sambucus nigra</i>	Elder	R			R	<i>Oxalis acetosella</i>	Wood sorrel		
	Sub-totals	2	0		0	<i>Paris quadrifolia</i>	Herb Paris		
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR	
<i>Sorbus aucuparia</i>	Rowan					<i>Phyllitis scolopendrium</i>	Hart's tongue		
<i>Sorbus species</i>	Whitebeam species					<i>Poa nemoralis</i>	Wood meadow-grass		
<i>Sorbus torminalis</i>	Wild service tree					<i>Polypodium vulgare</i>	Common polypody		
<i>Taxus baccata</i>	Yew					<i>Polystichum aculeatum</i>	Hard shield fern		
<i>Tilia platyphyllos</i>	Large-leaved lime					<i>Polystichum setiferum</i>	Soft shield fern		
<i>Ulex europaeus</i>	Gorse					<i>Potentilla sterilis</i>	Barren strawberry		
<i>Ulmus species</i>	Elm species	A			A	<i>Primula elatior</i>	Oxlip		
<i>Viburnum lantana</i>	Wayfaring-tree					<i>Primula vulgaris</i>	Primrose		
<i>Viburnum opulus</i>	Guelder rose					<i>Ranunculus auricomus</i>	Goldlocks buttercup		
						<i>Sanicula europaea</i>	Sanicle		
						<i>Teucrium scorodonia</i>	Wood sage		
						<i>Veronica montana</i>	Wood speedwell		
						<i>Viola odorata</i>	Sweet violet		
						<i>Viola reichenbachiana</i>	Early dog violet		
						<i>Viola riviniana</i>	Common dog violet		
Total species for each 30m section		3	0	0					
Average per 30m section					1				
HEDGEROW ASSESSMENT									
Hedgerow features (taken from Hedgerow Regulations 1997 Part 11 Paragraph 7(4) to (j)).									
(a) A bank or wall which supports the hedgerow along at least half of its length;								Absent	
(b) Gaps which aggregate do not exceed 10% of length of hedgerow;								Absent	
(c) Where the length of the hedgerow does not exceed 50m, at least one standard tree; (standard tree >20cm DBH (or 63cm circ) and multitemmed is >15cm DBH (or 47cm circ).								Absent	
(d) Where the length of the hedgerow exceeds 50m but does not exceed 100m, at least 2 standard trees;								Absent	
(e) Where the length of the hedgerow exceeds 100m, such number of standard trees (within any part of its length) as would when averaged over its total length amount at least one for each 50m;								Absent	
(f) At least 3 woodland species (Schedule 2) within one metre, in any direction, of the outermost edges of the hedgerow;								Absent	
(g) A ditch along at least one half of the length of the hedgerow;								Absent	
(h) Connections scoring 4 points or more in accordance with sub-paragraph (5) ¹								Absent	
(i) A parallel hedge within 15m of the hedgerow.								Absent	
Total number of features present								0	
Notable shrub or herb species that occur along the length of the entire hedge which are not listed in Schedule 2 or 3									
Cock's-foot, bramble, false oat-grass, creeping buttercup.									
Total number of other hedgerows connecting to hedgerow that is subject of survey									
2									
Signs of use by notable fauna									
None observed									
Is the Hedgerow obviously less than 30 years in age?								No	
Does hedge currently support or have desk study records of spp protected in Schedules 1, 5 or 8 of the WaCA, or red data book species for 2007 to date.								No	
Does the hedge include at least 7 woody species (from Schedule 3)								No	
Does the hedge include at least 6 woody species (from Schedule 3) + 3 features listed overleaf?								No	
Does the hedge include at least 6 woody species (from Schedule 3), including native black poplar, small or large ivy lime or service tree?								No	
Does the hedge include at least 5 woody species (from Schedule 3) + four features listed overleaf?								No	
Hedge adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic + at least 4 woody species (from Schedule 3) + at least 2 of the features described in (a) to (g) above.								No	
Qualifies as 'IMPORTANT HEDGEROW'?								No	
Notes									
Defunct hedge directly northerly adjacent to A303. Fragments comprised of hawthorn, blackthorn, elm species and elder. Some gaps have been exploited by encroaching bramble scrub. Only northern extent of hedgerow surveyed due to narrowness of A303 road verge. PHASE 1 HABITAT CODE: J2.2.2 Defunct species-poor hedge.									
Are further surveys needed?								No	

HS1 HEDGEROW SURVEY									
Ecology ID ¹	Hedgerow 10			Land Parcel Reference		WS-46247		Date	19/09/2017
Weather Conditions	sunny			Surveyor(s)		Phil Newberry and Emma Taylor	Transect ID	F001	
Wind	1	Air Temperature (°C)	19		Cloud Cover	4		Rain	0
Start	Easting (X)		355283		End	Easting (X)		355483	
	Northing (Y)		125039			Northing (Y)		124997	
Total length of hedge section (m)			205		Number of 30m sections to be assessed			3	
Height of hedge (m)			4		Width of hedge (m)			1.5	
Number and length of gaps in hedge (as an overall % of length)					Number of mature trees (>20cm DBH) in total length of hedge				
15					0				
Are there any ditches along the length of the hedge?	No		Orientation of ditch	N/A		Wet or dry Ditch	N/A		
List of Schedule 3 Species for hedgerow assessment within 30m sections.					Schedule 2 species, to be recorded along entire length of hedge (within 1m of outermost edges of the hedgerow)				
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR	
<i>Acer campestre</i>	Field maple	R			R	<i>Adoxa moschatellina</i>	Moschatel		
<i>Alnus glutinosa</i>	Alder					<i>Ajuga reptans</i>	Bugle		
<i>Betula pendula</i>	Silver birch					<i>Allium ursinum</i>	Ramsons		
<i>Betula pubescens</i>	Downy birch					<i>Anemone nemorosa</i>	Wood anemone		
<i>Carpinus betulus</i>	Hornbeam					<i>Arum maculatum</i>	Lords-and-ladies		
<i>Cornus sanguinea</i>	Dogwood					<i>Athyrium filix-femina</i>	Lady fern		
<i>Corylus avellana</i>	Hazel					<i>Brachypodium sylvaticum</i>	Wood false-brome		
<i>Crataegus laevigata</i>	Midland hawthorn					<i>Bromus ramosus</i>	Hairy brome		
<i>Crataegus monogyna</i>	Hawthorn	R			R	<i>Campanula trachelium</i>	Nettle-leaved bellflower		
<i>Daphne laureola</i>	Spurge-laurel					<i>Carex sylvatica</i>	Wood sedge		
<i>Daphne mezereum</i>	Daphne mezereum					<i>Circaea lutetiana</i>	Enchanters nightshade		
<i>Euonymus europaeus</i>	Spindle					<i>Conopodium majus</i>	Pignut		
<i>Fagus sylvatica</i>	Beech					<i>Dryopteris affinis</i>	Scaly male-fern		
<i>Frangula alnus</i>	Alder buckthorn					<i>Dryopteris carthusiana</i>	Narrow buckler fern		
<i>Fraxinus excelsior</i>	Ash					<i>Dryopteris dilatata</i>	Broad buckler-fern		
<i>Ilex aquifolium</i>	Holly					<i>Dryopteris filix-mas</i>	Male fern		
<i>Ligustrum vulgare</i>	Wild privet					<i>Epipactis helleborine</i>	Broad-leaved helleborine		
<i>Malus sylvestris</i>	Crab apple					<i>Equisetum sylvaticum</i>	Wood horsetail		
<i>Populus alba</i>	White poplar					<i>Euphorbia amygdaloides</i>	Wood spurge		
<i>Populus nigra ssp betulifolia</i>	Black poplar					<i>Festuca gigantea</i>	Giant fescue		
<i>Populus tremula</i>	Aspen					<i>Fragaria vesca</i>	Wild strawberry		
<i>Populus x canescens</i>	Grey poplar					<i>Galium odoratum</i>	Sweet woodruff		
<i>Prunus avium</i>	Wild cherry					<i>Geranium robertianum</i>	Herb Robert		
<i>Prunus spinosa</i>	Blackthorn	F			O	<i>Geum urbanum</i>	Wood avens		
<i>Pyrus cordata</i>	Plymouth pear					<i>Hyacinthoides non-scripta</i>	Bluebell		
<i>Pyrus pyraeata</i>	Wild pear					<i>Lamium strumarium</i>	Yellow archangel		
<i>Quercus robur</i>	Pedunculata oak					<i>Lathraea squamaria</i>	Toothwort		
<i>Rhamnus cathartica</i>	Buckthorn					<i>Luzula pilosa</i>	Hairy wood-rush		
<i>Ribes uva-crispa</i>	Gooseberry					<i>Melampyrum pratense</i>	Common cow-wheat		
<i>Rosa species</i>	Rose species					<i>Mercurialis perennis</i>	Dog's mercury		
<i>Salix species</i>	Willow species					<i>Milium effusum</i>	Wood millet		
<i>Salix viminalis</i>	Osier					<i>Orchis mascula</i>	Early purple orchid		
<i>Sambucus nigra</i>	Elder		A		F	<i>Oxalis acetosella</i>	Wood sorrel		
	Sub-totals	2	2	0		<i>Paris quadrifolia</i>	Herb Paris		
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR	
<i>Sorbus aucuparia</i>	Rowan					<i>Phyllitis scolopendrium</i>	Hart's tongue		
<i>Sorbus species</i>	Whitebeam species					<i>Poa nemoralis</i>	Wood meadow-grass		
<i>Sorbus torminalis</i>	Wild service tree					<i>Polypodium vulgare</i>	Common polypody		
<i>Taxus baccata</i>	Yew					<i>Polystichum aculeatum</i>	Hard shield fern		
<i>Tilia platyphyllos</i>	Large-leaved lime					<i>Polystichum setiferum</i>	Soft shield fern		
<i>Ulex europaeus</i>	Gorse					<i>Potentilla sterilis</i>	Barren strawberry		
<i>Ulmus species</i>	Elm species	R			R	<i>Primula elatior</i>	Oxlip		
<i>Viburnum lantana</i>	Wayfaring-tree					<i>Primula vulgaris</i>	Primrose		
<i>Viburnum opulus</i>	Guelder rose					<i>Ranunculus auricomus</i>	Goldilocks buttercup		
						<i>Sanicula europaea</i>	Sanicle		
						<i>Teucrium scorodonia</i>	Wood sage		
						<i>Veronica montana</i>	Wood speedwell		
						<i>Viola odorata</i>	Sweet violet		
						<i>Viola reichenbachiana</i>	Early dog violet		
						<i>Viola riviniana</i>	Common dog violet		
Total species for each 30m section									
Average per 30m section		3	2	0	1.66666667				
HEDGEROW ASSESSMENT									
Hedgerow features (taken from Hedgerow Regulations 1997 Part 11 Paragraph 7(4) to (i)).									
(a) A bank or wall which supports the hedgerow along at least half of its length;								Absent	
(b) Gaps which aggregate do not exceed 10% of length of hedgerow;								Absent	
(c) Where the length of the hedgerow does not exceed 50m, at least one standard tree; (standard tree >20cm DBH (or 63cm circ) and multistemmed is >15cm DBH (or 47cm circ).								Absent	
(d) Where the length of the hedgerow exceeds 50m but does not exceed 100m, at least 2 standard trees;								Absent	
(e) Where the length of the hedgerow exceeds 100m, such number of standard trees (within any part of its length) as would when averaged over its total length amount at least one for each 50m;								Absent	
(f) At least 3 woodland species (Schedule 2) within one metre, in any direction, of the outermost edges of the hedgerow;								Absent	
(g) A ditch along at least one half of the length of the hedgerow;								Absent	
(h) Connections scoring 4 points or more in accordance with sub-paragraph (5) ¹								Absent	
(i) A parallel hedge within 15m of the hedgerow.								Absent	
Total number of features present								0	
Notable shrub or herb species that occur along the length of the entire hedge which are not listed in Schedule 2 or 3									
Creeping thistle, common nettle, hogweed, hemlock, meadow buttercup, smooth sow-thistle									
Total number of other hedgerows connecting to hedgerow that is subject of survey									
1									
Signs of use by notable fauna									
None observed									
Is the Hedgerow obviously less than 30 years in age?								No	
Does hedge currently support or have desk study records of spp protected in Schedules 1, 5 or 8 of the WACA, or red data book species for 2007 to date.								No	
Does the hedge include at least 7 woody species (from Schedule 3)								No	
Does the hedge include at least 7 woody species (from Schedule 3) + 3 features listed overleaf?								No	
Does the hedge include at least 6 woody species (from Schedule 3), including native black poplar, small or large lwd lime or service tree?								No	
Does the hedge include at least 5 woody species (from Schedule 3) + four features listed overleaf?								No	
Hedge adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic + at least 4 woody species (from Schedule 3) + at least 2 of the features described in (a) to (g) above.								No	
Qualifies as 'IMPORTANT HEDGEROW'?								No	
Notes									
<20m gap in section 1. Southern side not surveyed due to narrowness of A303 road verge. PHASE 1 HABITAT CODE: J.2.1.2 Intact species-poor hedge.									
Are further surveys needed?								No	

HS1 HEDGEROW SURVEY										
Ecology ID ¹	Hedgerow 11			Land Parcel Reference		WS46247		Date	19/09/2017	
Weather Conditions	sunny			Surveyor(s)		Phil Newberry and Emma Taylor		Transect ID	F001	
Wind	1	Air Temperature (°C)	19		Cloud Cover	3		Rain	0	
Start	Easting (X)		355497		End		Easting (X)		355640	
	Northing (Y)		124999		Northing (Y)		124980			
Total length of hedge section (m)	145			Number of 30m sections to be assessed				3		
Height of hedge (m)	2.5			Width of hedge (m)				3		
Number and length of gaps in hedge (as an overall % of length)					Number of mature trees (>20cm DBH) in total length of hedge					
30					0					
Are there any ditches along the length of the hedge?	No		Orientation of ditch	N/A		Wet or dry Ditch	N/A			
List of Schedule 3 Species for hedgerow assessment within 30m sections.					Schedule 2 species, to be recorded along entire length of hedge (within 1m of outermost edges of the hedgerow)					
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR		
<i>Acer campestre</i>	Field maple					<i>Adoxa moschatellina</i>	Moschatel			
<i>Alnus glutinosa</i>	Alder					<i>Ajuga reptans</i>	Bugle			
<i>Betula pendula</i>	Silver birch					<i>Allium ursinum</i>	Ramsons			
<i>Betula pubescens</i>	Downy birch					<i>Anemone nemorosa</i>	Wood anemone			
<i>Carpinus betulus</i>	Hornbeam					<i>Anum maculatum</i>	Lords-and-ladies			
<i>Cornus sanguinea</i>	Dogwood	R	R		R	<i>Athyrium filix-femina</i>	Lady fern			
<i>Corylus avellana</i>	Hazel					<i>Brachypodium sylvaticum</i>	Wood false-brome			
<i>Crataegus laevigata</i>	Midland hawthorn					<i>Bromus ramosus</i>	Hairy brome			
<i>Crataegus monogyna</i>	Hawthorn		O		R	<i>Campanula trachelium</i>	Nettle-leaved bellflower			
<i>Daphne laureola</i>	Spurge-laurel					<i>Carex sylvatica</i>	Wood sedge			
<i>Daphne mezereum</i>	Daphne mezereum					<i>Circaea lutetiana</i>	Enchanters nightshade			
<i>Eonymus europaeus</i>	Spindle					<i>Conopodium majus</i>	Pignut			
<i>Fagus sylvatica</i>	Beech					<i>Dryopteris affinis</i>	Scaly male-fern			
<i>Fraxinus excelsior</i>	Alder buckthorn					<i>Dryopteris carthusiana</i>	Narrow buckler fern			
<i>Ilex aquifolium</i>	Ash					<i>Dryopteris dilatata</i>	Broad buckler-fern			
<i>Ligustrum vulgare</i>	Holly					<i>Dryopteris filix-mas</i>	Male fern			
<i>Malus sylvestris</i>	Wild privet					<i>Epipactis helleborine</i>	Broad-leaved helleborine			
<i>Malus sylvestris</i>	Crab apple					<i>Episetum sylvaticum</i>	Wood horsetail			
<i>Populus alba</i>	White poplar					<i>Euphorbia amygdaloides</i>	Wood spurge			
<i>Populus nigra ssp betulifolia</i>	Black poplar					<i>Festuca gigantea</i>	Giant fescue			
<i>Populus tremula</i>	Aspen					<i>Fragaria vesca</i>	Wild strawberry			
<i>Populus x canescens</i>	Grey poplar					<i>Galium odoratum</i>	Sweet woodruff			
<i>Prunus avium</i>	Wild cherry					<i>Geranium robertianum</i>	Herb Robert			
<i>Prunus spinosa</i>	Blackthorn	D			A	<i>Geum urbanum</i>	Wood aven			
<i>Pyrus cordata</i>	Plymouth pear					<i>Hyacinthoides non-scripta</i>	Bluebell			
<i>Pyrus pyraster</i>	Wild pear					<i>Lamium galeobdolon</i>	Yellow archangel			
<i>Quercus robur</i>	Pedunculata oak					<i>Lathraea squamaria</i>	Toothwort			
<i>Rhamnus cathartica</i>	Buckthorn					<i>Luzula pilosa</i>	Hairy wood-rush			
<i>Ribes uva-crispa</i>	Gooseberry					<i>Melampyrum pratense</i>	Common cow-wheat			
<i>Rosa species</i>	Rose species		R		R	<i>Mercurialis perennis</i>	Dog's mercury			
<i>Salix species</i>	Willow species					<i>Milium effusum</i>	Wood millet			
<i>Salix viminalis</i>	Osier					<i>Orchis mascula</i>	Early purple orchid			
<i>Sambucus nigra</i>	Elder					<i>Oxalis acetosella</i>	Wood sorrel			
Sub-totals		2	3	0		<i>Paris quadrifolia</i>	Herb Paris			
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR		
<i>Sorbus aucuparia</i>	Rowan					<i>Phyllitis scolopendrium</i>	Hart's tongue			
<i>Sorbus species</i>	Whitebeam species					<i>Poa nemoralis</i>	Wood meadow-grass			
<i>Sorbus torminalis</i>	Wild service tree					<i>Polypodium vulgare</i>	Common polypody			
<i>Taxus baccata</i>	Yew					<i>Polystichum aculeatum</i>	Hard shield fern			
<i>Tilia platyphyllos</i>	Large-leaved lime					<i>Polystichum setiferum</i>	Soft shield fern			
<i>Ulex europaeus</i>	Goose					<i>Potentilla sterilis</i>	Barren strawberry			
<i>Ulmus species</i>	Elm species		O		R	<i>Primula elatior</i>	Oxlip			
<i>Viburnum lantana</i>	Wayfaring-tree					<i>Primula vulgaris</i>	Primrose			
<i>Viburnum opulus</i>	Guelder rose					<i>Ranunculus auricomus</i>	Goldlocks buttercup			
						<i>Sanicula europaea</i>	Sanicle			
						<i>Teucrium scorodonia</i>	Wood sage			
						<i>Veronica montana</i>	Wood speedwell			
						<i>Viola odorata</i>	Sweet violet			
Total species for each 30m section		2	4	0		<i>Viola reichenbachiana</i>	Early dog violet			
Average per 30m section					2	<i>Viola riviniana</i>	Common dog violet			
HEDGEROW ASSESSMENT										
Hedgerow features (taken from Hedgerow Regulations 1997 Part 11 Paragraph 7(4) to (i)).										
(a) A bank or wall which supports the hedgerow along at least half of its length;										Present
(b) Gaps which aggregate do not exceed 10% of length of hedgerow;										Absent
(c) Where the length of the hedgerow does not exceed 50m, at least one standard tree; (standard tree >20cm DBH (or 63cm circ) and multistemmed is >15cm DBH (or 47cm circ).										Absent
(d) Where the length of the hedgerow exceeds 50m but does not exceed 100m, at least 2 standard trees;										Absent
(e) Where the length of the hedgerow exceeds 100m, such number of standard trees (within any part of its length) as would when averaged over its total length amount at least one for each 50m;										Absent
(f) At least 3 woodland species (Schedule 2) within one metre, in any direction, of the outermost edges of the hedgerow;										Absent
(g) A ditch along at least one half of the length of the hedgerow;										Absent
(h) Connections scoring 4 points or more in accordance with sub-paragraph (5) ¹										Absent
(i) A parallel hedge within 15m of the hedgerow.										Absent
Total number of features present										1
Notable shrub or herb species that occur along the length of the entire hedge which are not listed in Schedule 2 or 3										
Stone parsley, cleavers, ivy, ground-ivy, cow parsley, hemlock.										
Total number of other hedgerows connecting to hedgerow that is subject of survey										
1										
Signs of use by notable fauna										
None observed										
Is the Hedgerow obviously less than 30 years in age?										No
Does hedge currently support or have desk study records of spp protected in Schedules 1, 5 or 8 of the WaCA, or red data book species for 2007 to date.										No
Does the hedge include at least 7 woody species (from Schedule 3)										No
Does the hedge include at least 6 woody species (from Schedule 3) + 3 features listed overleaf?										No
Does the hedge include at least 6 woody species (from Schedule 3), including native black poplar, small or large hd lime or service tree?										No
Does the hedge include at least 5 woody species (from Schedule 3) + four features listed overleaf?										No
Hedge adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic + at least 4 woody species (from Schedule 3) + at least 2 of the features described in (a) to (g) above.										No
Qualifies as 'IMPORTANT HEDGEROW'?										No
Notes										
Southerly side of hedgerow not surveyed due to narrowness of A303 road verge. PHASE 1 HABITAT CODE: J.2.1.2 Intact species-poor hedge.										
Are further surveys needed?										No

HS1 HEDGEROW SURVEY										
Ecology ID ¹	Hedgerow 12			Land Parcel Reference		WS64408		Date	19/09/2017	
Weather Conditions	sunny			Surveyor(s)		Phil Newberry and Emma Taylor	Transect ID	F001		
Wind	1	Air Temperature (°C)	19		Cloud Cover	3	Rain	0		
Start	Easting (X)		355566		End	Easting (X)		355614		
	Northing (Y)		124994			Northing (Y)		125205		
Total length of hedge section (m)	220			Number of 30m sections to be assessed			3			
Height of hedge (m)	1.5			Width of hedge (m)			3			
Number and length of gaps in hedge (as an overall % of length)					Number of mature trees (>20cm DBH) in total length of hedge					
35					0					
Are there any ditches along the length of the hedge?	Yes		Orientation of ditch	W		Wet or dry Ditch	Dry			
List of Schedule 3 Species for hedgerow assessment within 30m sections.					Schedule 2 species, to be recorded along entire length of hedge (within 1m of outermost edges of the hedgerow)					
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR		
<i>Acer campestre</i>	Field maple	R		R	R	<i>Adoxa moschatellina</i>	Moschatel			
<i>Alnus glutinosa</i>	Alder					<i>Ajuga reptans</i>	Bugle			
<i>Betula pendula</i>	Silver birch					<i>Allium ursinum</i>	Ramsons			
<i>Betula pubescens</i>	Downy birch					<i>Anemone nemorosa</i>	Wood anemone			
<i>Carpinus betulus</i>	Hornbeam					<i>Arum maculatum</i>	Lords-and-ladies			
<i>Cornus sanguinea</i>	Dogwood					<i>Athyrium filix-femina</i>	Lady fern			
<i>Corylus avellana</i>	Hazel					<i>Brachypodium sylvaticum</i>	Wood false-brome		R	
<i>Crataegus laevigata</i>	Midland hawthorn					<i>Bromus ramosus</i>	Hairy brome			
<i>Crataegus monogyna</i>	Hawthorn		O		R	<i>Campanula trachelium</i>	Nettle-leaved bellflower			
<i>Daphne laureola</i>	Spurge-laurel					<i>Carex sylvatica</i>	Wood sedge			
<i>Daphne mezereum</i>	Daphne mezereum					<i>Circaea lutetiana</i>	Enchanters nightshade			
<i>Euonymus europaeus</i>	Spindle					<i>Conopodium majus</i>	Pignut			
<i>Fagus sylvatica</i>	Beech					<i>Dryopteris affinis</i>	Scaly male-fern			
<i>Frangula alnus</i>	Alder buckthorn					<i>Dryopteris carthusiana</i>	Narrow buckler-fern			
<i>Fraxinus excelsior</i>	Ash					<i>Dryopteris dilatata</i>	Broad buckler-fern			
<i>Ilex aquifolium</i>	Holly					<i>Dryopteris filix-mas</i>	Male fern			
<i>Ligustrum vulgare</i>	Wild privet					<i>Epipactis helleborine</i>	Broad-leaved helleborine			
<i>Malus sylvestris</i>	Crab apple					<i>Equisetum sylvaticum</i>	Wood horsetail			
<i>Populus alba</i>	White poplar					<i>Euphorbia amygdaloides</i>	Wood spurge			
<i>Populus nigra ssp betulifolia</i>	Black poplar					<i>Festuca gigantea</i>	Giant fescue			
<i>Populus tremula</i>	Aspen					<i>Fragaria vesca</i>	Wild strawberry			
<i>Populus x canescens</i>	Grey poplar					<i>Galium odoratum</i>	Sweet woodruff			
<i>Prunus avium</i>	Wild cherry					<i>Geranium robertianum</i>	Herb Robert			
<i>Prunus spinosa</i>	Blackthorn	A	A	D	D	<i>Geum urbanum</i>	Wood avens			
<i>Pyrus cordata</i>	Plymouth pear					<i>Hyacinthoides non-scripta</i>	Bluebell			
<i>Pyrus pyraeaster</i>	Wild pear					<i>Lamium strumarium</i>	Yellow archangel			
<i>Quercus robur</i>	Pedunculata oak					<i>Lathraea squamaria</i>	Toothwort			
<i>Rhamnus cathartica</i>	Buckthorn					<i>Luzula pilosa</i>	Hairy wood-rush			
<i>Ribes uva-crispa</i>	Gooseberry					<i>Melampyrum pratense</i>	Common cow-wheat			
<i>Rosa species</i>	Rose species					<i>Mercurialis perennis</i>	Dog's mercury			
<i>Salix species</i>	Willow species					<i>Milium effusum</i>	Wood millet			
<i>Salix viminalis</i>	Osier					<i>Orchis mascula</i>	Early purple orchid			
<i>Sambucus nigra</i>	Elder	R	R	R	R	<i>Oxalis acetosella</i>	Wood sorrel			
	Sub-totals	3	3	3	3	<i>Paris quadrifolia</i>	Herb Paris			
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR		
<i>Sorbus aucuparia</i>	Rowan					<i>Phyllitis scolopendrium</i>	Hart's tongue			
<i>Sorbus species</i>	Whitebeam species					<i>Poa nemoralis</i>	Wood meadow-grass			
<i>Sorbus torminalis</i>	Wild service tree					<i>Polypodium vulgare</i>	Common polypody			
<i>Taxus baccata</i>	Yew					<i>Polystichum aculeatum</i>	Hard shield fern			
<i>Tilia platyphyllos</i>	Large-leaved lime					<i>Polystichum setiferum</i>	Soft shield fern			
<i>Ulex europaeus</i>	Gorse					<i>Potentilla sterilis</i>	Barren strawberry			
<i>Ulmus species</i>	Elm species	R	R		R	<i>Primula elatior</i>	Oxlip			
<i>Viburnum lantana</i>	Wayfaring-tree					<i>Primula vulgaris</i>	Primrose			
<i>Viburnum opulus</i>	Guelder rose					<i>Ranunculus auricomus</i>	Goldlocks buttercup			
						<i>Sanicula europaea</i>	Sanicle			
						<i>Teucrium scorodonia</i>	Wood sage			
						<i>Veronica montana</i>	Wood speedwell			
						<i>Viola odorata</i>	Sweet violet			
						<i>Viola reichenbachiana</i>	Early dog violet			
						<i>Viola riviniana</i>	Common dog violet			
Total species for each 30m section		4	4	3						
Average per 30m section					3.66666667					
HEDGEROW ASSESSMENT										
Hedgerow features (taken from Hedgerow Regulations 1997 Part 11 Paragraph 7(4) to (i)).										
(a) A bank or wall which supports the hedgerow along at least half of its length;								Absent		
(b) Gaps which aggregate do not exceed 10% of length of hedgerow;								Absent		
(c) Where the length of the hedgerow does not exceed 50m, at least one standard tree; (standard tree >20cm DBH (or 63cm circ) and multitemmed is >15cm DBH (or 47cm circ).								Absent		
(d) Where the length of the hedgerow exceeds 50m but does not exceed 100m, at least 2 standard trees;								Absent		
(e) Where the length of the hedgerow exceeds 100m, such number of standard trees (within any part of its length) as would when averaged over its total length amount at least one for each 50m;								Absent		
(f) At least 3 woodland species (Schedule 2) within one metre, in any direction, of the outermost edges of the hedgerow;								Absent		
(g) A ditch along at least one half of the length of the hedgerow;								Present		
(h) Connections scoring 4 points or more in accordance with sub-paragraph (5) ¹								Absent		
(i) A parallel hedge within 15m of the hedgerow.								Absent		
Total number of features present								1		
Notable shrub or herb species that occur along the length of the entire hedge which are not listed in Schedule 2 or 3										
Greater burdock, ivy, nettle, creeping thistle, hemlock, common nettle, common knapweed, wild teasel, smooth sow-thistle, ground-ivy, white dead-nettle.										
Total number of other hedgerows connecting to hedgerow that is subject of survey										
1										
Signs of use by notable fauna										
Badger latrines found (E:355616 N:125191) and (E:355603 N:125128) easterly adjacent to hedgerow.										
Is the Hedgerow obviously less than 30 years in age?										No
Does hedge currently support or have desk study records of spp protected in Schedules 1, 5 or 8 of the WaCA, or red data book species for 2007 to date.										No
Does the hedge include at least 7 woody species (from Schedule 3)										No
Does the hedge include at least 6 woody species (from Schedule 3) + 3 features listed overleaf?										No
Does the hedge include at least 6 woody species (from Schedule 3), including native black poplar, small or large lvd lime or service tree?										No
Does the hedge include at least 5 woody species (from Schedule 3) + four features listed overleaf?										No
Hedge adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic + at least 4 woody species (from Schedule 3) + at least 2 of the features described in (a) to (g) above.										No
Qualifies as 'IMPORTANT HEDGEROW'?										No
Notes										
PHASE 1 HABITAT CODE: J.2.2.2 Defunct species-poor hedge.										
Are further surveys needed?								No		

HS1 HEDGEROW SURVEY										
Ecology ID ¹	Hedgerow 13			Land Parcel Reference		WS64408		Date	19/09/2017	
Weather Conditions	sunny			Surveyor(s)		Phil Newberry and Emma Taylor		Transect ID	F001	
Wind	1	Air Temperature (°C)	19		Cloud Cover	3		Rain	0	
Start	Easting (X)	355645			End	Easting (X)	355695			
	Northing (Y)	124977				Northing (Y)	125186			
Total length of hedge section (m)	215			Number of 30m sections to be assessed		3				
Height of hedge (m)	1			Width of hedge (m)		1.5				
Number and length of gaps in hedge (as an overall % of length)					Number of mature trees (>20cm DBH) in total length of hedge					
25					0					
Are there any ditches along the length of the hedge?	No		Orientation of ditch	N/A		Wet or dry Ditch	N/A			
List of Schedule 3 Species for hedgerow assessment within 30m sections.					Schedule 2 species, to be recorded along entire length of hedge (within 1m of outermost edges of the hedgerow)					
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR		
<i>Acer campestre</i>	Field maple			O	R	<i>Adoxa moschatellina</i>	Moschatel			
<i>Alnus glutinosa</i>	Alder					<i>Ajuga reptans</i>	Bugle			
<i>Betula pendula</i>	Silver birch					<i>Allium ursinum</i>	Ramsoms			
<i>Betula pubescens</i>	Downy birch					<i>Anemone nemorosa</i>	Wood anemone			
<i>Carpinus betulus</i>	Hornbeam					<i>Arum maculatum</i>	Lords-and-ladies			
<i>Cornus sanguinea</i>	Dogwood					<i>Athyrium filix-femina</i>	Lady fern			
<i>Corylus avellana</i>	Hazel					<i>Brachypodium sylvaticum</i>	Wood false-brome	R		
<i>Crataegus laevigata</i>	Midland hawthorn					<i>Bromus ramosus</i>	Hairy brome			
<i>Crataegus monogyna</i>	Hawthorn					<i>Campanula trachelium</i>	Nettle-leaved bellflower			
<i>Daphne laureola</i>	Spurge-laurel					<i>Carex sylvatica</i>	Wood sedge			
<i>Daphne mezereum</i>	Daphne mezereon					<i>Circaea lutetiana</i>	Enchanters nightshade			
<i>Euonymus europaeus</i>	Spindle					<i>Conopodium majus</i>	Pignut			
<i>Fagus sylvatica</i>	Beech					<i>Dryopteris affinis</i>	Scaly male-fern			
<i>Fraxinus alnus</i>	Alder buckthorn					<i>Dryopteris carthusiana</i>	Narrow buckler fern			
<i>Fraxinus excelsior</i>	Ash					<i>Dryopteris dilatata</i>	Broad buckler-fern			
<i>Ilex aquifolium</i>	Holly					<i>Dryopteris filix-mas</i>	Male fern			
<i>Ligustrum vulgare</i>	Wild privet					<i>Epipactis helleborine</i>	Broad-leaved helleborine			
<i>Malus sylvestris</i>	Crab apple					<i>Equisetum sylvaticum</i>	Wood horsetail			
<i>Populus alba</i>	White poplar					<i>Euphorbia amygdaloides</i>	Wood spurge			
<i>Populus nigra ssp betulifolia</i>	Black poplar					<i>Festuca gigantea</i>	Giant fescue			
<i>Populus tremula</i>	Aspen					<i>Fragaria vesca</i>	Wild strawberry			
<i>Populus x canescens</i>	Grey poplar					<i>Galium odoratum</i>	Sweet woodruff			
<i>Prunus avium</i>	Wild cherry					<i>Geranium robertianum</i>	Herb Robert			
<i>Prunus spinosa</i>	Blackthorn	O	A	D	A	<i>Geum urbanum</i>	Wood aven			
<i>Pyrus cordata</i>	Plymouth pear					<i>Hyacinthoides non-scripta</i>	Bluebell			
<i>Pyrus pyrastrer</i>	Wild pear					<i>Lamium galeobdolon</i>	Yellow archangel			
<i>Quercus robur</i>	Pedunculata oak					<i>Lathraea squamaria</i>	Toothwort			
<i>Rhamnus cathartica</i>	Buckthorn					<i>Luzula pilosa</i>	Hairy wood-rush			
<i>Ribes uva-crispa</i>	Gooseberry					<i>Melampyrum pratense</i>	Common cow-wheat			
<i>Rosa species</i>	Rose species					<i>Mercurialis perennis</i>	Dog's mercury			
<i>Salix species</i>	Willow species					<i>Milium effusum</i>	Wood millet			
<i>Salix viminalis</i>	Osier					<i>Orchis mascula</i>	Early purple orchid			
<i>Sambucus nigra</i>	Elder	F	O	O	O	<i>Oxalis acetosella</i>	Wood sorrel			
Sub-totals		2	2	3		<i>Paris quadrifolia</i>	Herb Paris			
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR		
<i>Sorbus aucuparia</i>	Rowan					<i>Phyllitis scolopendrium</i>	Hart's tongue			
<i>Sorbus species</i>	Whitebeam species					<i>Poa nemoralis</i>	Wood meadow-grass			
<i>Sorbus torminalis</i>	Wild service tree					<i>Polypodium vulgare</i>	Common polypody			
<i>Taxus baccata</i>	Yew					<i>Polystichum aculeatum</i>	Hard shield fern			
<i>Tilia platyphyllos</i>	Large-leaved lime					<i>Polystichum setiferum</i>	Soft shield fern			
<i>Ulex europaeus</i>	Gorse					<i>Potentilla sterilis</i>	Barren strawberry			
<i>Ulmus species</i>	Elm species	O	R		R	<i>Primula elatior</i>	Orlop			
<i>Viburnum lantana</i>	Wayfaring-tree					<i>Primula vulgaris</i>	Primrose			
<i>Viburnum opulus</i>	Gelder rose					<i>Ranunculus auricomus</i>	Goldlocks buttercup			
						<i>Sanicula europaea</i>	Sanicle			
						<i>Teucrium scorodonia</i>	Wood sage			
						<i>Veronica montana</i>	Wood speedwell			
						<i>Viola odorata</i>	Sweet violet			
						<i>Viola reichenbachiana</i>	Early dog violet			
						<i>Viola riviniana</i>	Common dog violet			
Total species for each 30m section		3	3	3						
Average per 30m section										
HEDGEROW ASSESSMENT										
Hedgerow features (taken from Hedgerow Regulations 1997 Part 11 Paragraph 7(4) to (i)).										
(a) A bank or wall which supports the hedgerow along at least half of its length;								Absent		
(b) Gaps which aggregate do not exceed 10% of length of hedgerow;								Absent		
(c) Where the length of the hedgerow does not exceed 50m, at least one standard tree; (standard tree >20cm DBH (or 63cm circ) and multitemmed is >15cm DBH (or 47cm circ).)								Absent		
(d) Where the length of the hedgerow exceeds 50m but does not exceed 100m, at least 2 standard trees;								Absent		
(e) Where the length of the hedgerow exceeds 100m, such number of standard trees (within any part of its length) as would when averaged over its total length amount at least one for each 50m;								Absent		
(f) At least 3 woodland species (Schedule 2) within one metre, in any direction, of the outermost edges of the hedgerow;								Absent		
(g) A ditch along at least one half of the length of the hedgerow;								Absent		
(h) Connections scoring 4 points or more in accordance with sub-paragraph (5) ¹								Absent		
(i) A parallel hedge within 15m of the hedgerow.								Absent		
Total number of features present								0		
Notable shrub or herb species that occur along the length of the entire hedge which are not listed in Schedule 2 or 3										
Broad-leaved willowherb, perforate St. John's-wort, common nettle creeping thistle, false oat-grass.										
Total number of other hedgerows connecting to hedgerow that is subject of survey										
1										
Signs of use by notable fauna										
None observed										
Is the Hedgerow obviously less than 30 years in age?								No		
Does hedge currently support or have desk study records of spp protected in Schedules 1, 5 or 8 of the WaCA, or red data book species for 2007 to date.								No		
Does the hedge include at least 7 woody species (from Schedule 3)								No		
Does the hedge include at least 6 woody species (from Schedule 3) + 3 features listed overleaf?								No		
Does the hedge include at least 6 woody species (from Schedule 3), including native black poplar, small or large hd lime or service tree?								No		
Does the hedge include at least 5 woody species (from Schedule 3) + four features listed overleaf?								No		
Hedge adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic + at least 4 woody species (from Schedule 3) + at least 2 of the features described in (a) to (g) above.								No		
Qualifies as 'IMPORTANT HEDGEROW'?								No		
Notes										
Field maple present within the hedgerow as a rarity, though not within the sample areas. PHASE 1 HABITAT CODE: J.2.2.2 Defunct species-poor hedge.										
Are further surveys needed?								No		

HS1 HEDGEROW SURVEY									
Ecology ID ¹	Hedgerow 14			Land Parcel Reference		WS64408		Date	19/09/2017
Weather Conditions	sunny			Surveyor(s)		Phil Newbery and Emma Taylor		Transect ID	F001
Wind	1	Air Temperature (°C)	19		Cloud Cover	3		Rain	0
Start	Easting (X)	355645			End	Easting (X)	355905		
	Northing (Y)	124977				Northing (Y)	124939		
Total length of hedge section (m)	265			Number of 30m sections to be assessed		3			
Height of hedge (m)	3			Width of hedge (m)		1			
Number and length of gaps in hedge (as an overall % of length)					Number of mature trees (>20cm DBH) in total length of hedge				
15					3				
Are there any ditches along the length of the hedge?	No		Orientation of ditch	N/A		Wet or dry Ditch	N/A		
List of Schedule 3 Species for hedgerow assessment within 30m sections.					Schedule 2 species, to be recorded along entire length of hedge (within 1m of outermost edges of the hedgerow)				
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR	
<i>Acer campestre</i>	Field maple		O		O	<i>Adoxa moschatellina</i>	Moschatel		
<i>Alnus glutinosa</i>	Alder					<i>Ajuga reptans</i>	Bugle		
<i>Betula pendula</i>	Silver birch					<i>Allium ursinum</i>	Ramsons		
<i>Betula pubescens</i>	Downy birch					<i>Anemone nemorosa</i>	Wood anemone		
<i>Carpinus betulus</i>	Hornbeam					<i>Anum maculatum</i>	Lords-and-ladies		
<i>Cornus sanguinea</i>	Dogwood					<i>Athyrium filix-femina</i>	Lady fern		
<i>Corylus avellana</i>	Hazel					<i>Brachypodium sylvaticum</i>	Wood false-brome		
<i>Crataegus laevigata</i>	Midland hawthorn					<i>Bromus ramosus</i>	Hairy brome		
<i>Crataegus monogyna</i>	Hawthorn					<i>Campanula trachelium</i>	Nettle-leaved bellflower		
<i>Daphne laureola</i>	Spurge-laurel					<i>Carex sylvatica</i>	Wood sedge		
<i>Daphne mezereum</i>	Daphne mezereon					<i>Circaea lutetiana</i>	Enchanters nightshade		
<i>Euonymus europaeus</i>	Spindle					<i>Conopodium majus</i>	Pignut		
<i>Fagus sylvatica</i>	Beech					<i>Dryopteris affinis</i>	Scaly male-fern		
<i>Frangula alnus</i>	Alder buckthorn					<i>Dryopteris carthusiana</i>	Narrow buckler fern		
<i>Fraxinus excelsior</i>	Ash					<i>Dryopteris dilatata</i>	Broad buckler-fern		
<i>Ilex aquifolium</i>	Holly					<i>Dryopteris filix-mas</i>	Male fern		
<i>Ligustrum vulgare</i>	Wild privet					<i>Epipactis helleborine</i>	Broad-leaved helleborine		
<i>Malus sylvestris</i>	Crab apple					<i>Equisetum sylvaticum</i>	Wood horsetail		
<i>Populus alba</i>	White poplar					<i>Euphorbia amygdaloides</i>	Wood spurge		
<i>Populus nigra ssp betulifolia</i>	Black poplar					<i>Festuca gigantea</i>	Giant fescue		
<i>Populus tremula</i>	Aspen					<i>Fragaria vesca</i>	Wild strawberry		
<i>Populus x canescens</i>	Grey poplar					<i>Galium odoratum</i>	Sweet woodruff		
<i>Prunus avium</i>	Wild cherry					<i>Gemanium robertianum</i>	Herb Robert		
<i>Prunus spinosa</i>	Blackthorn			D	A	<i>Geum urbanum</i>	Wood anemone		
<i>Pyrus cordata</i>	Plymouth pear					<i>Hyacinthoides non-scripta</i>	Bluebell		
<i>Pyrus pyraeaster</i>	Wild pear					<i>Lamium galeobdolon</i>	Yellow archangel		
<i>Quercus robur</i>	Pedunculata oak					<i>Lathraea squamaria</i>	Toothwort		
<i>Rhamnus cathartica</i>	Buckthorn					<i>Luzula pilosa</i>	Hairy wood-rush		
<i>Ribes uva-crispa</i>	Gooseberry					<i>Melanampyrum pratense</i>	Common cow-wheat		
<i>Rosa species</i>	Rose species					<i>Mercurialis perennis</i>	Dog's mercury		
<i>Salix species</i>	Willow species					<i>Milium effusum</i>	Wood millet		
<i>Salix viminalis</i>	Osier					<i>Orchis mascula</i>	Early purple orchid		
<i>Sambucus nigra</i>	Elder	R	O	R	R	<i>Oxalis acetosella</i>	Wood sorrel		
	Sub-totals	1	2	2	2	<i>Paris quadrifolia</i>	Herb Paris		
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR	
<i>Sorbus aucuparia</i>	Rowan					<i>Phyllitis scolopendrium</i>	Hart's tongue		
<i>Sorbus species</i>	Whitebeam species					<i>Poa nemoralis</i>	Wood meadow-grass		
<i>Sorbus torminalis</i>	Wild service tree					<i>Polypodium vulgare</i>	Common polypody		
<i>Taxus baccata</i>	Yew					<i>Polystichum aculeatum</i>	Hard shield fern		
<i>Tilia platyphyllos</i>	Large-leaved lime					<i>Polystichum setiferum</i>	Soft shield fern		
<i>Ulex europaeus</i>	Gorse					<i>Potentilla sterilis</i>	Barren strawberry		
<i>Ulmus species</i>	Elm species	A	A		F	<i>Primula elatior</i>	Oxlip		
<i>Viburnum lantana</i>	Wayfaring-tree					<i>Primula vulgaris</i>	Primrose		
<i>Viburnum opulus</i>	Guelder rose					<i>Ranunculus auricomus</i>	Goldlocks buttercup		
						<i>Sanicula europaea</i>	Sanicle		
						<i>Teucrium scorodonia</i>	Wood sage		
						<i>Veronica montana</i>	Wood speedwell		
						<i>Viola odorata</i>	Sweet violet		
						<i>Viola reichenbachiana</i>	Early dog violet		
						<i>Viola riviniana</i>	Common dog violet		
Total species for each 30m section		2	3	2					
Average per 30m section					2.33333333				
HEDGEROW ASSESSMENT									
Hedgerow features (taken from Hedgerow Regulations 1997 Part 11 Paragraph 7(4) to (i)).									
(a) A bank or wall which supports the hedgerow along at least half of its length;								Absent	
(b) Gaps which aggregate do not exceed 10% of length of hedgerow;								Absent	
(c) Where the length of the hedgerow does not exceed 50m, at least one standard tree; (standard tree >20cm DBH (or 63cm circ) and multitemmed is >15cm DBH (or 47cm circ).								Absent	
(d) Where the length of the hedgerow exceeds 50m but does not exceed 100m, at least 2 standard trees;								Absent	
(e) Where the length of the hedgerow exceeds 100m, such number of standard trees (within any part of its length) as would when averaged over its total length amount at least one for each 50m.								Absent	
(f) At least 3 woodland species (Schedule 2) within one metre, in any direction, of the outermost edges of the hedgerow;								Absent	
(g) A ditch along at least one half of the length of the hedgerow;								Absent	
(h) Connections scoring 4 points or more in accordance with sub-paragraph (5) ¹								Absent	
(i) A parallel hedge within 15m of the hedgerow.								Absent	
Total number of features present								0	
Notable shrub or herb species that occur along the length of the entire hedge which are not listed in Schedule 2 or 3									
White comfrey, false oat-grass, bramble, hedge bindweed, common nettle, red fescue, couch grass, wild teasel, hemlock, common ragwort, woody nightshade.									
Total number of other hedgerows connecting to hedgerow that is subject of survey									
3									
Signs of use by notable fauna									
None observed									
Is the Hedgerow obviously less than 30 years in age?								No	
Does hedge currently support or have desk study records of spp protected in Schedules 1, 5 or 8 of the WACA, or red data book species for 2007 to date.								No	
Does the hedge include at least 7 woody species (from Schedule 3)								No	
Does the hedge include at least 6 woody species (from Schedule 3) + 3 features listed overleaf?								No	
Does the hedge include at least 6 woody species (from Schedule 3), including native black poplar, small or large hd lime or service tree?								No	
Does the hedge include at least 5 woody species (from Schedule 3) + four features listed overleaf?								No	
Hedge adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic + at least 4 woody species (from Schedule 3) + at least 2 of the features described in (a) to (g) above.								No	
Qualifies as 'IMPORTANT HEDGEROW'?								No	
Notes									
Southern side of hedgerow not surveyed due to narrowness of A303 road verge. PHASE 1 HABITAT CODE: J.2.3.2 Intact species-poor hedgerow and trees.									
Are further surveys needed?								No	

HS1 HEDGEROW SURVEY									
Ecology ID ¹	Hedgerow 15			Land Parcel Reference		WS64408		Date	19/09/2017
Weather Conditions	sunny			Surveyor(s)		Phil Newberry and Emma Taylor		Transect ID	F001
Wind	1	Air Temperature (°C)	19		Cloud Cover	3		Rain	0
Start	Easting (X)		355772		End	Easting (X)		355818	
	Northing (Y)		124960			Northing (Y)		125119	
Total length of hedge section (m)	170			Number of 30m sections to be assessed			2		
Height of hedge (m)	1			Width of hedge (m)			2		
Number and length of gaps in hedge (as an overall % of length)					Number of mature trees (>20cm DBH) in total length of hedge				
0					0				
Are there any ditches along the length of the hedge?	Yes		Orientation of ditch	W		Wet or dry Ditch	Dry		
List of Schedule 3 Species for hedgerow assessment within 30m sections.					Schedule 2 species, to be recorded along entire length of hedge (within 1m of outermost edges of the hedgerow)				
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR	
<i>Acer campestre</i>	Field maple		O		O	<i>Adoxa moschatellina</i>	Moschatel		
<i>Alnus glutinosa</i>	Alder					<i>Ajuga reptans</i>	Bugle		
<i>Betula pendula</i>	Silver birch					<i>Allium ursinum</i>	Ramsons		
<i>Betula pubescens</i>	Downy birch					<i>Anemone nemorosa</i>	Wood anemone		
<i>Carpinus betulus</i>	Hornbeam					<i>Arum maculatum</i>	Lords-and-ladies		
<i>Cornus sanguinea</i>	Dogwood		O		O	<i>Athyrium filix-femina</i>	Lady fern		
<i>Corylus avellana</i>	Hazel					<i>Brachypodium sylvaticum</i>	Wood false-brome	R	
<i>Crataegus laevigata</i>	Midland hawthorn					<i>Bromus ramosus</i>	Hairy brome		
<i>Crataegus monogyna</i>	Hawthorn		O		O	<i>Campanula trachelium</i>	Nettle-leaved bellflower		
<i>Daphne laureola</i>	Spurge-laurel					<i>Carex sylvatica</i>	Wood sedge		
<i>Daphne mezereum</i>	Daphne mezereum					<i>Circaea lutetiana</i>	Enchanters nightshade		
<i>Euonymus europaeus</i>	Spindle					<i>Conopodium majus</i>	Pignut		
<i>Fagus sylvatica</i>	Beech					<i>Dryopteris affinis</i>	Scaly male-fern		
<i>Frangula alnus</i>	Alder buckthorn					<i>Dryopteris carthusiana</i>	Narrow buckler-fern		
<i>Fraxinus excelsior</i>	Ash					<i>Dryopteris dilatata</i>	Broad buckler-fern		
<i>Ilex aquifolium</i>	Holly					<i>Dryopteris filix-mas</i>	Male fern		
<i>Ligustrum vulgare</i>	Wild privet					<i>Epipactis helleborine</i>	Broad-leaved helleborine		
<i>Malus sylvestris</i>	Crab apple					<i>Equisetum sylvaticum</i>	Wood horsetail		
<i>Populus alba</i>	White poplar					<i>Euphorbia amygdaloides</i>	Wood spurge		
<i>Populus nigra ssp betulifolia</i>	Black poplar					<i>Festuca gigantea</i>	Giant fescue		
<i>Populus tremula</i>	Aspen					<i>Fragaria vesca</i>	Wild strawberry		
<i>Populus x canescens</i>	Grey poplar					<i>Galium odoratum</i>	Sweet woodruff		
<i>Prunus avium</i>	Wild cherry					<i>Geranium robertianum</i>	Herb Robert		
<i>Prunus spinosa</i>	Blackthorn	D	F		A	<i>Geum urbanum</i>	Wood anem		
<i>Pyrus cordata</i>	Plymouth pear					<i>Hyacinthoides non-scripta</i>	Bluebell		
<i>Pyrus pyrastrer</i>	Wild pear					<i>Lamium galeobdolon</i>	Yellow archangel		
<i>Quercus robur</i>	Pedunculata oak					<i>Lathraea squamaria</i>	Toothwort		
<i>Rhamnus cathartica</i>	Buckthorn					<i>Luzula pilosa</i>	Hairy wood-rush		
<i>Ribes uva-crispa</i>	Gooseberry					<i>Melampyrum pratense</i>	Common cow-wheat		
<i>Rosa species</i>	Rose species					<i>Mercurialis perennis</i>	Dog's mercury		
<i>Salix species</i>	Willow species					<i>Milium effusum</i>	Wood millet		
<i>Salix viminalis</i>	Osier					<i>Orchis mascula</i>	Early purple orchid		
<i>Sambucus nigra</i>	Elder	R	R		R	<i>Oxalis acetosella</i>	Wood sorrel		
	Sub-totals	2	5		0	<i>Paris quadrifolia</i>	Herb Paris		
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR	
<i>Sorbus aucuparia</i>	Rowan					<i>Phyllitis scolopendrium</i>	Hart's tongue		
<i>Sorbus species</i>	Whitebeam species					<i>Poa nemoralis</i>	Wood meadow-grass		
<i>Sorbus torminalis</i>	Wild service tree					<i>Polypodium vulgare</i>	Common polypody		
<i>Taxus baccata</i>	Yew					<i>Polystichum aculeatum</i>	Hard shield fern		
<i>Tilia platyphyllos</i>	Large-leaved lime					<i>Polystichum setiferum</i>	Soft shield fern		
<i>Ulex europaeus</i>	Gorse					<i>Potentilla sterilis</i>	Barren strawberry		
<i>Ulmus species</i>	Elm species	R			R	<i>Primula elatior</i>	Oxlip		
<i>Viburnum lantana</i>	Wayfaring-tree					<i>Primula vulgaris</i>	Primrose		
<i>Viburnum opulus</i>	Guelder rose					<i>Ranunculus auricomus</i>	Goldlocks buttercup		
						<i>Sanicula europaea</i>	Sanicle		
						<i>Teucrium scorodonia</i>	Wood sage		
						<i>Veronica montana</i>	Wood speedwell		
						<i>Viola odorata</i>	Sweet violet		
						<i>Viola reichenbachiana</i>	Early dog violet		
						<i>Viola riviniana</i>	Common dog violet		
HEDGEROW ASSESSMENT									
Hedgerow features (taken from Hedgerow Regulations 1997 Part 11 Paragraph 7(4) to (i)).									
(a) A bank or wall which supports the hedgerow along at least half of its length;								Absent	
(b) Gaps which aggregate do not exceed 10% of length of hedgerow;								Present	
(c) Where the length of the hedgerow does not exceed 50m, at least one standard tree; (standard tree >20cm DBH (or 63cm circ) and multistemmed is >15cm DBH (or 47cm circ).								Absent	
(d) Where the length of the hedgerow exceeds 50m but does not exceed 100m, at least 2 standard trees;								Absent	
(e) Where the length of the hedgerow exceeds 100m, such number of standard trees (within any part of its length) as would when averaged over its total length amount at least one for each 50m;								Absent	
(f) At least 3 woodland species (Schedule 2) within one metre, in any direction, of the outermost edges of the hedgerow;								Absent	
(g) A ditch along at least one half of the length of the hedgerow;								Present	
(h) Connections scoring 4 points or more in accordance with sub-paragraph (5) ¹								Absent	
(i) A parallel hedge within 15m of the hedgerow.								Absent	
Total number of features present								2	
Notable shrub or herb species that occur along the length of the entire hedge which are not listed in Schedule 2 or 3									
False oat-grass, white comfrey, common nettle, broad-leaved willowherb									
Total number of other hedgerows connecting to hedgerow that is subject of survey									
1									
Signs of use by notable fauna									
None observed									
Is the Hedgerow obviously less than 30 years in age?								No	
Does hedge currently support or have desk study records of spp protected in Schedules 1, 5 or 8 of the WaCA, or red data book species for 2007 to date.								No	
Does the hedge include at least 7 woody species (from Schedule 3)								No	
Does the hedge include at least 6 woody species (from Schedule 3) + 3 features listed overleaf?								No	
Does the hedge include at least 5 woody species (from Schedule 3), including native black poplar, small or large lwd lime or service tree?								No	
Does the hedge include at least 5 woody species (from Schedule 3) + four features listed overleaf?								No	
Hedge adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic + at least 4 woody species (from Schedule 3) + at least 2 of the features described in (a) to (g) above.								No	
Qualifies as 'IMPORTANT HEDGEROW'?								No	
Notes									
PHASE 1 HABITAT CODE: J.2.1.2 Intact species-poor hedge.									
Are further surveys needed?								No	

HS1 HEDGEROW SURVEY										
Ecology ID ¹	Hedgerow 16			Land Parcel Reference		WS84408_ST106737		Date	20/09/2017	
Weather Conditions	cloudy			Surveyor(s)		Phil Newbery and Emma Taylor		Transect ID	F001	
Wind	1	Air Temperature (°C)	17		Cloud Cover	7		Rain	0	
Start	Easting (X)	355905			End	Easting (X)	355985			
	Northing (Y)	124939				Northing (Y)	125030			
Total length of hedge section (m)	120			Number of 30m sections to be assessed				2		
Height of hedge (m)	5			Width of hedge (m)				1		
Number and length of gaps in hedge (as an overall % of length)					Number of mature trees (>20cm DBH) in total length of hedge					
0					4					
Are there any ditches along the length of the hedge?	Yes		Orientation of ditch	W		Wet or dry Ditch	Wet			
List of Schedule 3 Species for hedgerow assessment within 30m sections.					Schedule 2 species, to be recorded along entire length of hedge (within 1m of outermost edges of the hedgerow)					
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR		
<i>Acer campestre</i>	Field maple	O	R		R	<i>Adoxa moschatellina</i>	Moschatel			
<i>Alnus glutinosa</i>	Alder					<i>Ajuga reptans</i>	Bugle			
<i>Betula pendula</i>	Silver birch					<i>Allium ursinum</i>	Ramsons			
<i>Betula pubescens</i>	Downy birch					<i>Anemone nemorosa</i>	Wood anemone			
<i>Carpinus betulus</i>	Hornbeam					<i>Anum maculatum</i>	Lords-and-ladies			
<i>Cornus sanguinea</i>	Dogwood					<i>Athyrium filix-femina</i>	Lady fern			
<i>Corylus avellana</i>	Hazel		R		R	<i>Brachypodium sylvaticum</i>	Wood false-brome	O		
<i>Crataegus laevigata</i>	Midland hawthorn					<i>Bromus ramosus</i>	Hairy brome			
<i>Crataegus monogyna</i>	Hawthorn	O	R		R	<i>Campanula trachelium</i>	Nettle-leaved bellflower			
<i>Daphne laureola</i>	Spurge-laurel					<i>Carex sylvatica</i>	Wood sedge			
<i>Daphne mezereum</i>	Daphne mezereon					<i>Circaea lutetiana</i>	Enchanters nightshade			
<i>Euonymus europaeus</i>	Spindle					<i>Conopodium majus</i>	Pignut			
<i>Fagus sylvatica</i>	Beech					<i>Dryopteris affinis</i>	Scaly male-fern			
<i>Frangula alnus</i>	Alder buckthorn					<i>Dryopteris carthusiana</i>	Narrow buckler fern			
<i>Fraxinus excelsior</i>	Ash		O		R	<i>Dryopteris dilatata</i>	Broad buckler-fern			
<i>Ilex aquifolium</i>	Holly					<i>Dryopteris filix-mas</i>	Male fern			
<i>Ligustrum vulgare</i>	Wild privet	R	R		R	<i>Epipactis helleborine</i>	Broad-leaved helleborine			
<i>Malus sylvestris</i>	Crab apple					<i>Equisetum sylvaticum</i>	Wood horsetail			
<i>Populus alba</i>	White poplar					<i>Euphorbia amygdaloides</i>	Wood spurge			
<i>Populus nigra ssp betulifolia</i>	Black poplar					<i>Festuca gigantea</i>	Giant fescue			
<i>Populus tremula</i>	Aspen					<i>Fragaria vesca</i>	Wild strawberry			
<i>Populus x canescens</i>	Grey poplar					<i>Galium odoratum</i>	Sweet woodruff			
<i>Prunus avium</i>	Wild cherry					<i>Geranium robertianum</i>	Herb Robert			
<i>Prunus spinosa</i>	Blackthorn	A	A		A	<i>Geum urbanum</i>	Wood avens			
<i>Pyrus cordata</i>	Plymouth pear					<i>Hyacinthoides non-scripta</i>	Bluebell			
<i>Pyrus pyraster</i>	Wild pear					<i>Lamium galeobdolon</i>	Yellow archangel			
<i>Quercus robur</i>	Pedunculata oak					<i>Lathraea squarriana</i>	Toothwort			
<i>Rhamnus cathartica</i>	Buckthorn					<i>Luzula pilosa</i>	Hairy wood-rush			
<i>Ribes uva-crispa</i>	Gooseberry					<i>Melampyrum pratense</i>	Common cow-wheat			
<i>Rosa species</i>	Rose species	O	R		R	<i>Mercurialis perennis</i>	Dog's mercury			
<i>Salix species</i>	Willow species					<i>Milium effusum</i>	Wood millet			
<i>Salix viminalis</i>	Osier					<i>Orchis mascula</i>	Early purple orchid			
<i>Sambucus nigra</i>	Elder					<i>Oxalis acetosella</i>	Wood sorrel			
Sub-totals		5	7	0		<i>Paris quadrifolia</i>	Herb Paris			
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR		
<i>Sorbus aucuparia</i>	Rowan					<i>Phyllitis scolopendrium</i>	Hart's tongue			
<i>Sorbus species</i>	Whitebeam species					<i>Poa nemoralis</i>	Wood meadow-grass			
<i>Sorbus torminalis</i>	Wild service tree					<i>Polypodium vulgare</i>	Common polypody			
<i>Taxus baccata</i>	Yew					<i>Polystichum aculeatum</i>	Hard shield fern			
<i>Tilia platyphyllos</i>	Large-leaved lime					<i>Polystichum setiferum</i>	Soft shield fern			
<i>Ulex europaeus</i>	Gorse					<i>Potentilla sterilis</i>	Barren strawberry			
<i>Ulmus species</i>	Elm species	R			R	<i>Primula elatior</i>	Oxlip			
<i>Viburnum lantana</i>	Wayfaring-tree					<i>Primula vulgaris</i>	Primrose			
<i>Viburnum opulus</i>	Guelder rose					<i>Ranunculus auricomus</i>	Goldlocks buttercup			
						<i>Sanicula europaea</i>	Sanicle			
						<i>Teucrium scorodonia</i>	Wood sage			
						<i>Veronica montana</i>	Wood speedwell			
						<i>Viola odorata</i>	Sweet violet			
						<i>Viola reichenbachiana</i>	Early dog violet			
						<i>Viola riviniana</i>	Common dog violet			
Total species for each 30m section		6	7	0						
Average per 30m section					6.5					
HEDGEROW ASSESSMENT										
Hedgerow features (taken from Hedgerow Regulations 1997 Part 11 Paragraph 7(4) to (i)).										
(a) A bank or wall which supports the hedgerow along at least half of its length;								Absent		
(b) Gaps which aggregate do not exceed 10% of length of hedgerow;								Present		
(c) Where the length of the hedgerow does not exceed 50m, at least one standard tree; (standard tree >20cm DBH (or 63cm circ) and multistemmed is >15cm DBH (or 47cm circ).								Absent		
(d) Where the length of the hedgerow exceeds 50m but does not exceed 100m, at least 2 standard trees;								Absent		
(e) Where the length of the hedgerow exceeds 100m, such number of standard trees (within any part of its length) as would when averaged over its total length amount at least one for each 50m;								Present		
(f) At least 3 woodland species (Schedule 2) within one metre, in any direction, of the outermost edges of the hedgerow;								Absent		
(g) A ditch along at least one half of the length of the hedgerow;								Present		
(h) Connections scoring 4 points or more in accordance with sub-paragraph (5) ²								Absent		
(i) A parallel hedge within 15m of the hedgerow.								Absent		
Total number of features present								3		
Notable shrub or herb species that occur along the length of the entire hedge which are not listed in Schedule 2 or 3										
Water mint, woody nightshade, mugwort, ivy, greater burdock, hedge woundwort, wild teasel, bulrush, white dead-nettle, Yorkshire fog, common nettle, elder, hogweed.										
Total number of other hedgerows connecting to hedgerow that is subject of survey										
1										
Signs of use by notable fauna										
None observed										
Is the Hedgerow obviously less than 30 years in age?								No		
Does hedge currently support or have desk study records of spp protected in Schedules 1, 5 or 8 of the WACA, or red data book species for 2007 to date.								No		
Does the hedge include at least 7 woody species (from Schedule 3)								No		
Does the hedge include at least 6 woody species (from Schedule 3) + 3 features listed overleaf?								Yes		
Does the hedge include at least 6 woody species (from Schedule 3), including native black poplar, small or large hd lime or service tree?								No		
Does the hedge include at least 5 woody species (from Schedule 3) + four features listed overleaf?								No		
Hedge adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic + at least 4 woody species (from Schedule 3) + at least 2 of the features described in (a) to (g) above.								No		
Qualifies as 'IMPORTANT HEDGEROW'?								Yes		
Notes										
PHASE 1 HABITAT CODE: J2.3.1. Intact species-rich hedge and trees.										
Are further surveys needed?								No		

HS1 HEDGEROW SURVEY										
Ecology ID ¹	Hedgerow 17			Land Parcel Reference		ST106737 & WS46097		Date	20/09/2017	
Weather Conditions	cloudy			Surveyor(s)		Phil Newberry and Emma Taylor	Transect ID	F001		
Wind	1	Air Temperature (°C)	17		Cloud Cover	7	Rain	0		
Start	Easting (X)		356242			End		Easting (X)		356261
	Northing (Y)		124672					Northing (Y)		125049
Total length of hedge section (m)	180			Number of 30m sections to be assessed				2		
Height of hedge (m)	2			Width of hedge (m)				2		
Number and length of gaps in hedge (as an overall % of length)					Number of mature trees (>20cm DBH) in total length of hedge					
0					15					
Are there any ditches along the length of the hedge?	Yes		Orientation of ditch	W		Wet or dry Ditch	Dry			
List of Schedule 3 Species for hedgerow assessment within 30m sections.					Schedule 2 species, to be recorded along entire length of hedge (within 1m of outermost edges of the hedgerow)					
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR		
<i>Acer campestre</i>	Field maple					<i>Adoxa moschatellina</i>	Moschatel			
<i>Alnus glutinosa</i>	Alder					<i>Ajuga reptans</i>	Bugle			
<i>Betula pendula</i>	Silver birch					<i>Allium ursinum</i>	Ramsons			
<i>Betula pubescens</i>	Downy birch					<i>Anemone nemorosa</i>	Wood anemone			
<i>Carpinus betulus</i>	Hornbeam					<i>Anem maculatum</i>	Lords-and-ladies			
<i>Cornus sanguinea</i>	Dogwood		R		R	<i>Athyrium filix-femina</i>	Lady fern			
<i>Corylus avellana</i>	Hazel					<i>Brachypodium sylvaticum</i>	Wood false-brome			
<i>Crataegus laevigata</i>	Midland hawthorn					<i>Bromus ramosus</i>	Hairy brome			
<i>Crataegus monogyna</i>	Hawthorn					<i>Campanula trachelium</i>	Nettle-leaved bellflower			
<i>Daphne laureola</i>	Spurge-laurel					<i>Carex sylvatica</i>	Wood sedge			
<i>Daphne mezereum</i>	Daphne mezereon					<i>Cicuta luteiana</i>	Enchanters nightshade			
<i>Euonymus europaeus</i>	Spindle					<i>Conopodium majus</i>	Pignut			
<i>Fagus sylvatica</i>	Beech					<i>Dryopteris affinis</i>	Scaly male-fern			
<i>Fraxinus alnus</i>	Alder buckthorn					<i>Dryopteris carthusiana</i>	Narrow buckler fern			
<i>Fraxinus excelsior</i>	Ash					<i>Dryopteris dilatata</i>	Broad buckler-fern			
<i>Ilex aquifolium</i>	Holly					<i>Dryopteris filix-mas</i>	Male fern			
<i>Ligustrum vulgare</i>	Wild privet					<i>Epipactis helleborine</i>	Broad-leaved helleborine			
<i>Malus sylvestris</i>	Crab apple					<i>Equisetum sylvaticum</i>	Wood horsetail			
<i>Populus alba</i>	White poplar					<i>Euphorbia amygdaloides</i>	Wood spurge			
<i>Populus nigra ssp betulaifolia</i>	Black poplar					<i>Festuca gigantea</i>	Giant fescue			
<i>Populus tremula</i>	Aspen					<i>Fragaria vesca</i>	Wild strawberry			
<i>Populus x canescens</i>	Grey poplar	O			O	<i>Galium odoratum</i>	Sweet woodruff			
<i>Prunus avium</i>	Wild cherry					<i>Geranium robertianum</i>	Herb Robert			
<i>Prunus spinosa</i>	Blackthorn	D	D		D	<i>Geum urbanum</i>	Wood avien			
<i>Pyrus cordata</i>	Plymouth pear					<i>Hyacinthoides non-scripta</i>	Bluebell			
<i>Pyrus pyramidalis</i>	Wild pear					<i>Lamium galeobdolon</i>	Yellow archangel			
<i>Quercus robur</i>	Pedunculata oak					<i>Lathraea squamaria</i>	Toothwort			
<i>Rhamnus cathartica</i>	Buckthorn					<i>Luzula pilosa</i>	Hairy wood-rush			
<i>Ribes uva-crispa</i>	Gooseberry					<i>Melampyrum pratense</i>	Common cow-wheat			
<i>Rosa species</i>	Rose species		R		R	<i>Mercurialis perennis</i>	Dog's mercury			
<i>Salix species</i>	Willow species					<i>Milium effusum</i>	Wood millet			
<i>Salix viminalis</i>	Osier					<i>Orchis mascula</i>	Early purple orchid			
<i>Sambucus nigra</i>	Elder	R			R	<i>Oxalis acetosella</i>	Wood sorrel			
	Sub-totals	3	3	0		<i>Paris quadrifolia</i>	Herb Paris			
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR		
<i>Sorbus aucuparia</i>	Rowan					<i>Phyllitis scolopendrium</i>	Hart's tongue			
<i>Sorbus species</i>	Whitebeam species					<i>Poa nemoralis</i>	Wood meadow-grass			
<i>Sorbus torminalis</i>	Wild service tree					<i>Polygodium vulgare</i>	Common polypody			
<i>Taxus baccata</i>	Yew					<i>Polystichum aculeatum</i>	Hard shield fern			
<i>Tilia platyphyllos</i>	Large-leaved lime					<i>Polystichum setiferum</i>	Soft shield fern			
<i>Ulex europaeus</i>	Gorse					<i>Rotundifolia sterilis</i>	Barren strawberry			
<i>Ulmus species</i>	Elm species		R		R	<i>Primula elatior</i>	Oxlip			
<i>Viburnum lantana</i>	Wayfaring-tree					<i>Primula vulgaris</i>	Primrose			
<i>Viburnum opulus</i>	Guelder rose					<i>Ranunculus auricomus</i>	Goldlocks buttercup			
						<i>Sanicula europaea</i>	Sanicle			
						<i>Teucrium scorodonia</i>	Wood sage			
						<i>Veronica montana</i>	Wood speedwell			
						<i>Viola odorata</i>	Sweet violet			
						<i>Viola reichenbachiana</i>	Early dog violet			
						<i>Viola riviniana</i>	Common dog violet			
	Total species for each 30m section	3	4	0						
	Average per 30m section				3.5					
HEDGEROW ASSESSMENT										
Hedgerow features (taken from Hedgerow Regulations 1997 Part 11 Paragraph 7(4) to (i)).										
(a) A bank or wall which supports the hedgerow along at least half of its length;								Absent		
(b) Gaps which aggregate do not exceed 10% of length of hedgerow;								Present		
(c) Where the length of the hedgerow does not exceed 50m, at least one standard tree; (standard tree >20cm DBH (or 63cm circ) and multitemmed is >15cm DBH (or 47cm circ).								Absent		
(d) Where the length of the hedgerow exceeds 50m but does not exceed 100m, at least 2 standard trees;								Absent		
(e) Where the length of the hedgerow exceeds 100m, such number of standard trees (within any part of its length) as would when averaged over its total length amount at least one for each 50m;								Present		
(f) At least 3 woodland species (Schedule 2) within one metre, in any direction, of the outermost edges of the hedgerow;								Absent		
(g) A ditch along at least one half of the length of the hedgerow;								Present		
(h) Connections scoring 4 points or more in accordance with sub-paragraph (5) ¹								Absent		
(i) A parallel hedge within 15m of the hedgerow.								Absent		
Total number of features present								3		
Notable shrub or herb species that occur along the length of the entire hedge which are not listed in Schedule 2 or 3										
Creeping thistle, spear thistle, cock's-foot, common nettle, common fleabane, hard rush.										
Total number of other hedgerows connecting to hedgerow that is subject of survey										
0										
Signs of use by notable fauna										
Badger latrine present easterly adjacent to hedgerow (E:356254 N:124946)										
Is the Hedgerow obviously less than 30 years in age?								No		
Does hedge currently support or have desk study records of spp protected in Schedules 1, 5 or 8 of the WaCA, or red data book species for 2007 to date.								No		
Does the hedge include at least 7 woody species (from Schedule 3)								No		
Does the hedge include at least 6 woody species (from Schedule 3) + 3 features listed overleaf?								No		
Does the hedge include at least 6 woody species (from Schedule 3), including native black poplar, small or large hd lime or service tree?								No		
Does the hedge include at least 5 woody species (from Schedule 3) + four features listed overleaf?								No		
Hedge adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic + at least 4 woody species (from Schedule 3) + at least 2 of the features described in (a) to (g) above.								No		
Qualifies as 'IMPORTANT HEDGEROW'?								No		
Notes										
PHASE 1 HABITAT CODE: J2.3.2 Intact species-poor hedgerow and trees.										
Are further surveys needed?								No		

HS1 HEDGEROW SURVEY									
Ecology ID ¹	Hedgerow 18			Land Parcel Reference		WS71399, ST106737, ST67688	Date	20/09/2017	
Weather Conditions	cloudy			Surveyor(s)		Phil Newberry and Emma Taylor	Transect ID	F001	
Wind	1	Air Temperature (°C)	17		Cloud Cover	7	Rain	0	
Start	Easting (X)	356378			End	Easting (X)	356381		
	Northing (Y)	124857				Northing (Y)	125171		
Total length of hedge section (m)	320			Number of 30m sections to be assessed			3		
Height of hedge (m)	6			Width of hedge (m)			2		
Number and length of gaps in hedge (as an overall % of length)					Number of mature trees (>20cm DBH) in total length of hedge				
0					24				
Are there any ditches along the length of the hedge?	Yes	Orientation of ditch	W		Wet or dry Ditch	Dry			
List of Schedule 3 Species for hedgerow assessment within 30m sections.					Schedule 2 species, to be recorded along entire length of hedge (within 1m of outermost edges of the hedgerow)				
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR	
<i>Acer campestre</i>	Field maple	O		O	O	<i>Adoxa moschatellina</i>	Moschatel		
<i>Alnus glutinosa</i>	Alder					<i>Ajuga reptans</i>	Bugle		
<i>Betula pendula</i>	Silver birch					<i>Allium ursinum</i>	Ramsons		
<i>Betula pubescens</i>	Downy birch					<i>Anemone nemorosa</i>	Wood anemone		
<i>Carpinus betulus</i>	Hornbeam					<i>Arum maculatum</i>	Lords-and-ladies		
<i>Cornus sanguinea</i>	Dogwood					<i>Athyrium filix-femina</i>	Lady fern		
<i>Corylus avellana</i>	Hazel					<i>Brachypodium sylvaticum</i>	Wood false-brome		
<i>Crataegus laevigata</i>	Midland hawthorn					<i>Bromus ramosus</i>	Hairy brome		
<i>Crataegus monogyna</i>	Hawthorn	O	O	R	O	<i>Campanula trachelium</i>	Nettle-leaved bellflower		
<i>Daphne laureola</i>	Spurge-laurel					<i>Carex sylvatica</i>	Wood sedge		
<i>Daphne mezereum</i>	Daphne mezereon					<i>Circaea lutetiana</i>	Enchanters nightshade		
<i>Euonymus europaeus</i>	Spindle					<i>Conopodium majus</i>	Pignut		
<i>Fagus sylvatica</i>	Beech					<i>Dryopteris affinis</i>	Scaly male-fern		
<i>Frangula alnus</i>	Alder buckthorn					<i>Dryopteris carthusiana</i>	Narrow buckler fern		
<i>Fraxinus excelsior</i>	Ash					<i>Dryopteris dilatata</i>	Broad buckler-fern		
<i>Ilex aquifolium</i>	Holly					<i>Dryopteris filix-mas</i>	Male fern		
<i>Ligustrum vulgare</i>	Wild privet			R	R	<i>Epipactis helleborine</i>	Broad-leaved helleborine		
<i>Malus sylvestris</i>	Crab apple					<i>Equisetum sylvaticum</i>	Wood horsetail		
<i>Populus alba</i>	White poplar					<i>Euphorbia amygdaloides</i>	Wood spurge		
<i>Populus nigra ssp betulifolia</i>	Black poplar					<i>Festuca gigantea</i>	Giant fescue		
<i>Populus tremula</i>	Aspen					<i>Fragaria vesca</i>	Wild strawberry		
<i>Populus x canescens</i>	Grey poplar					<i>Galium odoratum</i>	Sweet woodruff		
<i>Prunus avium</i>	Wild cherry					<i>Geranium robertianum</i>	Herb Robert		
<i>Prunus spinosa</i>	Blackthorn	A	A	D	A	<i>Geum urbanum</i>	Wood aven		
<i>Pyrus cordata</i>	Plymouth pear					<i>Hyacinthoides non-scripta</i>	Bluebell		
<i>Pyrus pyraster</i>	Wild pear					<i>Lamium galeobdolon</i>	Yellow archangel		
<i>Quercus robur</i>	Pedunculata oak					<i>Lathraea squararia</i>	Toothwort		
<i>Rhamnus cathartica</i>	Buckthorn					<i>Luzula pilosa</i>	Hairy wood-rush		
<i>Ribes uva-crispa</i>	Gooseberry					<i>Melampyrum pratense</i>	Common cow-wheat		
<i>Rosa species</i>	Rose species			R	R	<i>Mercurialis perennis</i>	Dog's mercury		
<i>Salix species</i>	Willow species	R			R	<i>Milium effusum</i>	Wood millet		
<i>Salix viminalis</i>	Osier					<i>Orchis mascula</i>	Early purple orchid		
<i>Sambucus nigra</i>	Elder			R	R	<i>Oxalis acetosella</i>	Wood sorrel		
Sub-totals		4	2	6		<i>Paris quadrifolia</i>	Herb Paris		
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR	
<i>Sorbus aucuparia</i>	Rowan					<i>Phyllitis scolopendrium</i>	Hart's tongue		
<i>Sorbus species</i>	Whitebeam species					<i>Poa nemoralis</i>	Wood meadow-grass		
<i>Sorbus torminalis</i>	Wild service tree					<i>Polypodium vulgare</i>	Common polypody		
<i>Taxus baccata</i>	Yew					<i>Polystichum aculeatum</i>	Hard shield fern		
<i>Tilia platyphyllos</i>	Large-leaved lime					<i>Polystichum satiferum</i>	Soft shield fern		
<i>Ulex europaeus</i>	Gorse					<i>Potentilla sterilis</i>	Barren strawberry		
<i>Ulmus species</i>	Elm species	O	F	R	O	<i>Primula elatior</i>	Oxlip		
<i>Viburnum lantana</i>	Wayfaring-tree					<i>Primula vulgaris</i>	Primrose		
<i>Viburnum opulus</i>	Guelder rose					<i>Ranunculus auricomus</i>	Goldlocks buttercup		
						<i>Sanicula europaea</i>	Sanicle		
						<i>Teucrium scorodonia</i>	Wood sage		
						<i>Veronica montana</i>	Wood speedwell		
						<i>Viola odorata</i>	Sweet violet		
						<i>Viola reichenbachiana</i>	Early dog violet		
						<i>Viola riviniana</i>	Common dog violet		
Total species for each 30m section		5	3	7					
Average per 30m section									
HEDGEROW ASSESSMENT									
Hedgerow features (taken from Hedgerow Regulations 1997 Part 11 Paragraph 7(4) to (i)).									
(a) A bank or wall which supports the hedgerow along at least half of its length;								Absent	
(b) Gaps which aggregate do not exceed 10% of length of hedgerow;								Present	
(c) Where the length of the hedgerow does not exceed 50m, at least one standard tree; (standard tree >20cm DBH (or 63cm circ) and multistemmed is >15cm DBH (or 47cm circ).								Absent	
(d) Where the length of the hedgerow exceeds 50m but does not exceed 100m, at least 2 standard trees;								Absent	
(e) Where the length of the hedgerow exceeds 100m, such number of standard trees (within any part of its length) as would when averaged over its total length amount at least one for each 50m;								Present	
(f) At least 3 woodland species (Schedule 2) within one metre, in any direction, of the outermost edges of the hedgerow;								Absent	
(g) A ditch along at least one half of the length of the hedgerow;								Present	
(h) Connections scoring 4 points or more in accordance with sub-paragraph (5) ¹								Absent	
(i) A parallel hedge within 15m of the hedgerow.								Absent	
Total number of features present								3	
Notable shrub or herb species that occur along the length of the entire hedge which are not listed in Schedule 2 or 3									
common nettle, creeping thistle, pendulous sedge, bramble, hedge bindweed, hogweed, white bryony, ivy, false oat-grass, domestic apple.									
Total number of other hedgerows connecting to hedgerow that is subject of survey									
1									
Signs of use by notable fauna									
None observed									
Is the Hedgerow obviously less than 30 years in age?								No	
Does hedge currently support or have desk study records of spp protected in Schedules 1, 5 or 8 of the WACA, or red data book species for 2007 to date.								No	
Does the hedge include at least 7 woody species (from Schedule 3)								No	
Does the hedge include at least 6 woody species (from Schedule 3) + 3 features listed overleaf?								No	
Does the hedge include at least 5 woody species (from Schedule 3), including native black poplar, small or large hd lime or service tree?								No	
Does the hedge include at least 5 woody species (from Schedule 3) + four features listed overleaf?								No	
Hedge adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic + at least 4 woody species (from Schedule 3) + at least 2 of the features described in (a) to (g) above.								No	
Qualifies as 'IMPORTANT HEDGEROW'?								No	
Notes									
PHASE 1 HABITAT CODE: J.2.1.1 Intact species-rich hedge and trees.									
Are further surveys needed?								No	

HS1 HEDGEROW SURVEY									
Ecology ID ¹	Hedgerow 19			Land Parcel Reference		WS1399, U00008, ST137650		Date	20/09/2017
Weather Conditions	cloudy			Surveyor(s)		Phil Newbery and Emma Taylor		Transect ID	F001
Wind	1	Air Temperature (°C)	17		Cloud Cover	7		Rain	0
Start	Easting (X)		356647		End	Easting (X)		356635	
	Northing (Y)		124901			Northing (Y)		125205	
Total length of hedge section (m)	325			Number of 30m sections to be assessed		3			
Height of hedge (m)	6			Width of hedge (m)		2			
Number and length of gaps in hedge (as an overall % of length)					Number of mature trees (>20cm DBH) in total length of hedge				
2					28				
Are there any ditches along the length of the hedge?	Yes		Orientation of ditch	E		Wet or dry Ditch	Dry		
List of Schedule 3 Species for hedgerow assessment within 30m sections.					Schedule 2 species, to be recorded along entire length of hedge (within 1m of outermost edges of the hedgerow)				
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR	
<i>Acer campestre</i>	Field maple	O	F	R	O	<i>Adoxa moschatellina</i>	Moschatel		
<i>Alnus glutinosa</i>	Alder					<i>Ajuga reptans</i>	Bugle		
<i>Betula pendula</i>	Silver birch					<i>Allium ursinum</i>	Ramsons		
<i>Betula pubescens</i>	Downy birch					<i>Anemone nemorosa</i>	Wood anemone		
<i>Carpinus betulus</i>	Hornbeam					<i>Arum maculatum</i>	Lords-and-ladies		
<i>Cornus sanguinea</i>	Dogwood			F	O	<i>Athyrium filix-femina</i>	Lady fern		
<i>Corylus avellana</i>	Hazel	O			R	<i>Brachypodium sylvaticum</i>	Wood false-brome		
<i>Crataegus laevigata</i>	Midland hawthorn					<i>Bromus ramosus</i>	Hairy brome		
<i>Crataegus monogyna</i>	Hawthorn	O	F	O	O	<i>Campanula trachelium</i>	Nettle-leaved bellflower		
<i>Daphne laureola</i>	Spurge-laurel					<i>Carex sylvatica</i>	Wood sedge		
<i>Daphne mezereum</i>	Daphne mezereon					<i>Circaea lutetiana</i>	Enchanters nightshade		
<i>Euonymus europaeus</i>	Spindle					<i>Conopodium majus</i>	Pignut		
<i>Fagus sylvatica</i>	Beech					<i>Dryopteris affinis</i>	Scaly male-fern		
<i>Frangula alnus</i>	Alder buckthorn					<i>Dryopteris carthusiana</i>	Narrow buckler fern		
<i>Fraxinus excelsior</i>	Ash		O		R	<i>Dryopteris dilatata</i>	Broad buckler-fern		
<i>Ilex aquifolium</i>	Holly					<i>Dryopteris filix-mas</i>	Male fern		
<i>Ligustrum vulgare</i>	Wild privet	R			R	<i>Epipactis helleborine</i>	Broad-leaved helleborine		
<i>Malus sylvestris</i>	Crab apple					<i>Equisetum sylvaticum</i>	Wood horsetail		
<i>Populus alba</i>	White poplar					<i>Euphorbia amygdaloides</i>	Wood spurge		
<i>Populus nigra ssp betulifolia</i>	Black poplar					<i>Festuca gigantea</i>	Giant fescue		
<i>Populus tremula</i>	Aspen					<i>Fragaria vesca</i>	Wild strawberry		
<i>Populus x canescens</i>	Grey poplar					<i>Galium odoratum</i>	Sweet woodruff		
<i>Prunus avium</i>	Wild cherry					<i>Geranium robertianum</i>	Herb Robert		
<i>Prunus spinosa</i>	Blackthorn	A		F		<i>Geum urbanum</i>	Wood avens		
<i>Pyrus cordata</i>	Plymouth pear					<i>Hyacinthoides non-scripta</i>	Bluebell		
<i>Pyrus pyrastier</i>	Wild pear					<i>Lamium galeobdolon</i>	Yellow archangel		
<i>Quercus robur</i>	Pedunculata oak					<i>Lathraea squamaria</i>	Toothwort		
<i>Rhamnus cathartica</i>	Buckthorn					<i>Luzula pilosa</i>	Hairy wood-rush		
<i>Ribes uva-crispa</i>	Gooseberry					<i>Melampyrum pratense</i>	Common cow-wheat		
<i>Rosa species</i>	Rose species	R		R	R	<i>Mercurialis perennis</i>	Dog's mercury		
<i>Salix species</i>	Willow species	R			R	<i>Milium effusum</i>	Wood millet		
<i>Salix viminalis</i>	Osier					<i>Orchis mascula</i>	Early purple orchid		
<i>Sambucus nigra</i>	Elder		R			<i>Oxalis acetosella</i>	Wood sorrel		
Sub-totals		7	4	6		<i>Paris quadrifolia</i>	Herb Paris		
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR	
<i>Sorbus aucuparia</i>	Rowan					<i>Phyllitis scolopendrium</i>	Hart's tongue		
<i>Sorbus species</i>	Whitebeam species					<i>Poa nemoralis</i>	Wood meadow-grass		
<i>Sorbus torminalis</i>	Wild service tree					<i>Polypodium vulgare</i>	Common polypody		
<i>Taxus baccata</i>	Yew					<i>Polystichum aculeatum</i>	Hard shield fern		
<i>Tilia platyphyllos</i>	Large-leaved lime					<i>Polystichum setiferum</i>	Soft shield fern		
<i>Ulex europaeus</i>	Gorse					<i>Potentilla sterilis</i>	Barnen strawberry		
<i>Ulmus species</i>	Elm species	F	A	A	A	<i>Primula elatior</i>	Oxlip		
<i>Viburnum lantana</i>	Wayfaring-tree					<i>Primula vulgaris</i>	Primrose		
<i>Viburnum opulus</i>	Gelder rose					<i>Ranunculus auricomus</i>	Goldlocks buttercup		
						<i>Sanicula europaea</i>	Sanicle		
						<i>Teucrium scorodonia</i>	Wood sage		
						<i>Veronica montana</i>	Wood speedwell		
						<i>Viola odorata</i>	Sweet violet		
						<i>Viola reichenbachiana</i>	Early dog violet		
						<i>Viola riviniana</i>	Common dog violet		
Total species for each 30m section		8	5	7					
Average per 30m section					6.66666667				
HEDGEROW ASSESSMENT									
Hedgerow features (taken from Hedgerow Regulations 1997 Part 11 Paragraph 7(4) to (i)).									
(a) A bank or wall which supports the hedgerow along at least half of its length;								Absent	
(b) Gaps which aggregate do not exceed 10% of length of hedgerow;								Present	
(c) Where the length of the hedgerow does not exceed 50m, at least one standard tree; (standard tree >20cm DBH (or 63cm circ) and multistemmed is >15cm DBH (or 47cm circ).								Absent	
(d) Where the length of the hedgerow exceeds 50m but does not exceed 100m, at least 2 standard trees;								Absent	
(e) Where the length of the hedgerow exceeds 100m, such number of standard trees (within any part of its length) as would when averaged over its total length amount at least one for each 50m;								Present	
(f) At least 3 woodland species (Schedule 2) within one metre, in any direction, of the outermost edges of the hedgerow;								Absent	
(g) A ditch along at least one half of the length of the hedgerow;								Present	
(h) Connections scoring 4 points or more in accordance with sub-paragraph (5) ²								Absent	
(i) A parallel hedge within 15m of the hedgerow.								Present	
Total number of features present								4	
Notable shrub or herb species that occur along the length of the entire hedge which are not listed in Schedule 2 or 3									
Ivy, creeping thistle, meadow vetchling, hogweed, white dead-nettle, common nettle, cow parsley, red campion, pendulous sedge, cow parsley, domestic apple.									
Total number of other hedgerows connecting to hedgerow that is subject of survey									
3									
Signs of use by notable fauna									
None observed									
Is the Hedgerow obviously less than 30 years in age?								No	
Does hedge currently support or have desk study records of spp protected in Schedules 1, 5 or 8 of the W&CA, or red data book species for 2007 to date.								No	
Does the hedge include at least 7 woody species (from Schedule 3)								No	
Does the hedge include at least 6 woody species (from Schedule 3) + 3 features listed overleaf?								Yes	
Does the hedge include at least 6 woody species (from Schedule 3), including native black poplar, small or large hdl lime or service tree?								No	
Does the hedge include at least 5 woody species (from Schedule 3) + four features listed overleaf?								Yes	
Hedge adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic + at least 4 woody species (from Schedule 3) + at least 2 of the features described in (a) to (g) above.								Yes	
Qualifies as IMPORTANT HEDGEROW?								Yes	
Notes									
PHASE 1 HABITAT CODE: J.2.3.1 Intact species-rich hedgerow and trees.									
Are further surveys needed?								No	

HS1 HEDGEROW SURVEY									
Ecology ID ¹	Hedgerow 20			Land Parcel Reference		U00012, U00057		Date	20/09/2017
Weather Conditions	cloudy			Surveyor(s)		Phil Newberry and Emma Taylor	Transect ID	F001	
Wind	2	Air Temperature (°C)	17		Cloud Cover	7	Rain	0	
Start	Easting (X)		356659		End	Easting (X)		356656	
	Northing (Y)		124904			Northing (Y)		125310	
Total length of hedge section (m)	415			Number of 30m sections to be assessed		3			
Height of hedge (m)	10			Width of hedge (m)		1.5			
Number and length of gaps in hedge (as an overall % of length)					Number of mature trees (>20cm DBH) in total length of hedge				
1					36				
Are there any ditches along the length of the hedge?	Yes	Orientation of ditch	W		Wet or dry Ditch	Dry			
List of Schedule 3 Species for hedgerow assessment within 30m sections.					Schedule 2 species, to be recorded along entire length of hedge (within 1m of outermost edges of the hedgerow)				
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR	
<i>Acer campestre</i>	Field maple					<i>Adoxa moschatellina</i>	Moschatel		
<i>Alnus glutinosa</i>	Alder					<i>Ajuga reptans</i>	Bugle		
<i>Betula pendula</i>	Silver birch					<i>Allium ursinum</i>	Ramsons		
<i>Betula pubescens</i>	Downy birch					<i>Anemone nemorosa</i>	Wood anemone		
<i>Carpinus betulus</i>	Hornbeam					<i>Anemone pulsatilla</i>	Lords-and-ladies		R
<i>Cornus sanguinea</i>	Dogwood					<i>Athyrium filix-femina</i>	Lady fern		
<i>Corylus avellana</i>	Hazel		R		R	<i>Brachypodium sylvaticum</i>	Wood false-brome		
<i>Crataegus laevigata</i>	Midland hawthorn					<i>Bromus ramosus</i>	Hairy brome		
<i>Crataegus monogyna</i>	Hawthorn	O	R	O	O	<i>Campanula trachelium</i>	Nettle-leaved bellflower		
<i>Daphne laureola</i>	Spurge-laurel					<i>Carex sylvatica</i>	Wood sedge		
<i>Daphne mezereum</i>	Daphne mezereum					<i>Circaea lutetiana</i>	Enchanters nightshade		
<i>Euonymus europaeus</i>	Spindle					<i>Conopodium majus</i>	Pignut		
<i>Fagus sylvatica</i>	Beech					<i>Dryopteris affinis</i>	Scaly male-fern		
<i>Frangula alnus</i>	Alder buckthorn					<i>Dryopteris carthusiana</i>	Narrow buckler-fern		
<i>Fraxinus excelsior</i>	Ash	R		A	F	<i>Dryopteris dilatata</i>	Broad buckler-fern		
<i>Ilex aquifolium</i>	Holly					<i>Dryopteris filix-mas</i>	Male fern		
<i>Ligustrum vulgare</i>	Wild privet	R	R	R	R	<i>Epipactis helleborine</i>	Broad-leaved helleborine		
<i>Malus sylvestris</i>	Crab apple					<i>Equisetum sylvaticum</i>	Wood horsetail		
<i>Populus alba</i>	White poplar					<i>Euphorbia amygdaloides</i>	Wood spurge		
<i>Populus nigra ssp. betulifolia</i>	Black poplar					<i>Festuca gigantea</i>	Giant fescue		
<i>Populus tremula</i>	Aspen					<i>Fragaria vesca</i>	Wild strawberry		
<i>Populus x canescens</i>	Grey poplar					<i>Galium odoratum</i>	Sweet woodruff		
<i>Prunus avium</i>	Wild cherry					<i>Geranium robertianum</i>	Herb Robert		
<i>Prunus spinosa</i>	Blackthorn	A	R	F	F	<i>Geum urbanum</i>	Wood avens		
<i>Pyrus cordata</i>	Plymouth pear					<i>Hyacinthoides non-scripta</i>	Bluebell		
<i>Pyrus pyraeaster</i>	Wild pear					<i>Lamium galeobdolon</i>	Yellow archangel		
<i>Quercus robur</i>	Pedunculata oak					<i>Lathraea squamaria</i>	Toothwort		
<i>Rhamnus cathartica</i>	Buckthorn					<i>Luzula pilosa</i>	Hairy wood-rush		
<i>Ribes uva-crispa</i>	Gooseberry					<i>Melampyrum pratense</i>	Common cow-wheat		
<i>Rosa species</i>	Rose species	O			R	<i>Mercurialis perennis</i>	Dog's mercury		
<i>Salix species</i>	Willow species	R			R	<i>Milium effusum</i>	Wood millet		
<i>Salix viminalis</i>	Osier					<i>Orchis mascula</i>	Early purple orchid		
<i>Sambucus nigra</i>	Elder	R		R	R	<i>Oxalis acetosella</i>	Wood sorrel		
	Sub-totals	7	4	5		<i>Paris quadrifolia</i>	Herb Paris		
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR	
<i>Sorbus aucuparia</i>	Rowan					<i>Phyllitis scolopendrium</i>	Hart's tongue		
<i>Sorbus species</i>	Whitebeam species					<i>Poa nemoralis</i>	Wood meadow-grass		
<i>Sorbus torminalis</i>	Wild service tree					<i>Polypodium vulgare</i>	Common polypody		
<i>Taxus baccata</i>	Yew					<i>Polystichum aculeatum</i>	Hard shield fern		
<i>Tilia platyphyllos</i>	Large-leaved lime					<i>Polystichum setiferum</i>	Soft shield fern		
<i>Ulex europaeus</i>	Gorse					<i>Potentilla sterilis</i>	Barren strawberry		
<i>Ulmus species</i>	Elm species	F	D	O	F	<i>Primula elatior</i>	Oxlip		
<i>Viburnum lantana</i>	Wayfaring-tree					<i>Primula vulgaris</i>	Primrose		
<i>Viburnum opulus</i>	Guelder rose					<i>Ranunculus auricomus</i>	Goldilocks buttercup		
						<i>Sanicula europaea</i>	Sanicle		
						<i>Teucrium scorodonia</i>	Wood sage		
						<i>Veronica montana</i>	Wood speedwell		
						<i>Viola odorata</i>	Sweet violet		
						<i>Viola reichenbachiana</i>	Early dog violet		
						<i>Viola riviniana</i>	Common dog violet		
Total species for each 30m section									
Average per 30m section		8	5	6	6.33333333				
HEDGEROW ASSESSMENT									
Hedgerow features (taken from Hedgerow Regulations 1997 Part 11 Paragraph 7(4) to (i)).									
(a) A bank or wall which supports the hedgerow along at least half of its length;								Absent	
(b) Gaps which aggregate do not exceed 10% of length of hedgerow;								Present	
(c) Where the length of the hedgerow does not exceed 50m, at least one standard tree; (standard tree >20cm DBH (or 63cm circ) and multistemmed is >15cm DBH (or 47cm circ).								Absent	
(d) Where the length of the hedgerow exceeds 50m but does not exceed 100m, at least 2 standard trees;								Absent	
(e) Where the length of the hedgerow exceeds 100m, such number of standard trees (within any part of its length) as would when averaged over its total length amount at least one for each 50m;								Present	
(f) At least 3 woodland species (Schedule 2) within one metre, in any direction, of the outermost edges of the hedgerow;								Absent	
(g) A ditch along at least one half of the length of the hedgerow;								Present	
(h) Connections scoring 4 points or more in accordance with sub-paragraph (5) ¹								Absent	
(i) A parallel hedge within 15m of the hedgerow.								Present	
Total number of features present								4	
Notable shrub or herb species that occur along the length of the entire hedge which are not listed in Schedule 2 or 3									
Pendulous sedge, white dead-nettle, common nettle, creeping thistle, white comfrey, hedge woundwort, mugwort, hedge bindweed, bramble, ivy, ground-ivy.									
Total number of other hedgerows connecting to hedgerow that is subject of survey									
2									
Signs of use by notable fauna									
None observed									
Is the Hedgerow obviously less than 30 years in age?								No	
Does hedge currently support or have desk study records of spp protected in Schedules 1, 5 or 8 of the WACA, or red data book species for 2007 to date.								No	
Does the hedge include at least 7 woody species (from Schedule 3)								No	
Does the hedge include at least 6 woody species (from Schedule 3) + 3 features listed overleaf?								Yes	
Does the hedge include at least 5 woody species (from Schedule 3), including native black poplar, small or large lrd lime or service tree?								No	
Does the hedge include at least 5 woody species (from Schedule 3) + four features listed overleaf?								Yes	
Hedge adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic + at least 4 woody species (from Schedule 3) + at least 2 of the features described in (a) to (g) above.								Yes	
Qualifies as 'IMPORTANT HEDGEROW'?								Yes	
Notes									
PHASE 1 HABITAT CODE: J.2.3.1. Intact species-rich hedgerow and trees.									
Are further surveys needed?								No	

HS1 HEDGEROW SURVEY										
Ecology ID ¹	Hedgerow 21			Land Parcel Reference		WS43258, U00012		Date		20/09/2017
Weather Conditions	cloudy			Surveyor(s)		Phil Newbery and Emma		Transect ID		F001
Wind	2	Air Temperature (°C)		17		Cloud Cover		7	Rain	0
Start	Easting (X)		357065			End	Easting (X)		356773	
	Northing (Y)		125059				Northing (Y)		125427	
Total length of hedge section (m)			475			Number of 30m sections to be assessed			3	
Height of hedge (m)			3			Width of hedge (m)			2	
Number and length of gaps in hedge (as an overall % of length)					Number of mature trees (>20cm DBH) in total length of hedge					
1					15					
Are there any ditches along the length of the hedge?		Yes		Orientation of ditch		E		Wet or dry Ditch		Dry
List of Schedule 3 Species for hedgerow assessment within 30m sections.					Schedule 2 species, to be recorded along entire length of hedge (within 1m of outermost edges of the hedgerow)					
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR		
<i>Acer campestre</i>	Field maple	F	O	O	O	<i>Adoxa moschatellina</i>	Moschatel			
<i>Alnus glutinosa</i>	Alder					<i>Ajuga reptans</i>	Bugle			
<i>Betula pendula</i>	Silver birch					<i>Allium ursinum</i>	Ramsons			
<i>Betula pubescens</i>	Downy birch					<i>Anemone nemorosa</i>	Wood anemone			
<i>Carpinus betulus</i>	Hornbeam					<i>Anum maculatum</i>	Lords-and-ladies			
<i>Cornus sanguinea</i>	Dogwood	O	O	R	O	<i>Athyrium filix-femina</i>	Lady fern			
<i>Corylus avellana</i>	Hazel	O	F	O	O	<i>Brachypodium sylvaticum</i>	Wood false-brome			
<i>Crataegus laevigata</i>	Midland hawthorn					<i>Bromus ramosus</i>	Hairy brome			
<i>Crataegus monogyna</i>	Hawthorn	R	R		R	<i>Campanula trachelium</i>	Nettle-leaved bellflower			
<i>Daphne laureola</i>	Spurge-laurel					<i>Carex sylvatica</i>	Wood sedge			
<i>Daphne mezereum</i>	Daphne mezereon					<i>Circaea lutetiana</i>	Enchanters nightshade			
<i>Euonymus europaeus</i>	Spindle					<i>Conopodium majus</i>	Pignut			
<i>Fagus sylvatica</i>	Beech					<i>Dryopteris affinis</i>	Scaly male-fern			
<i>Frangula alnus</i>	Alder buckthorn					<i>Dryopteris carthusiana</i>	Narrow buckler-fern			
<i>Fraxinus excelsior</i>	Ash	O	F	R	O	<i>Dryopteris dilatata</i>	Broad buckler-fern			
<i>Ilex aquifolium</i>	Holly					<i>Dryopteris filix-mas</i>	Male fern			
<i>Ligustrum vulgare</i>	Wild privet	R			R	<i>Epipactis helleborine</i>	Broad-leaved helleborine			
<i>Malus sylvestris</i>	Crab apple					<i>Equisetum sylvaticum</i>	Wood horsetail			
<i>Populus alba</i>	White poplar					<i>Euphorbia amygdaloides</i>	Wood spurge			
<i>Populus nigra ssp betulifolia</i>	Black poplar					<i>Festuca gigantea</i>	Giant fescue			
<i>Populus tremula</i>	Aspen					<i>Fragaria vesca</i>	Wild strawberry			
<i>Populus x canescens</i>	Grey poplar					<i>Gallium odoratum</i>	Sweet woodruff			
<i>Prunus avium</i>	Wild cherry					<i>Geranium robertianum</i>	Herb Robert			
<i>Prunus spinosa</i>	Blackthorn	F	O		O	<i>Geum urbanum</i>	Wood anem			
<i>Pyrus cordata</i>	Plymouth pear					<i>Hyacinthoides non-scripta</i>	Bluebell			
<i>Pyrus pyraster</i>	Wild pear					<i>Lamium galeobdolon</i>	Yellow archangel			
<i>Quercus robur</i>	Pedunculata oak					<i>Lathraea squamaria</i>	Toothwort			
<i>Rhamnus cathartica</i>	Buckthorn					<i>Luzula pilosa</i>	Hairy wood-rush			
<i>Ribes uva-crispa</i>	Gooseberry					<i>Melantherum pratense</i>	Common cow-wheat			
<i>Rosa species</i>	Rose species	O		R	R	<i>Mercurialis perennis</i>	Dog's mercury			
<i>Salix species</i>	Willow species					<i>Milium effusum</i>	Wood millet			
<i>Salix viminalis</i>	Osier					<i>Orchis mascula</i>	Early purple orchid			
<i>Sambucus nigra</i>	Elder					<i>Oxalis acetosella</i>	Wood sorrel			
Sub-totals		8	6	5		<i>Paris quadrifolia</i>	Herb Paris			
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR		
<i>Sorbus aucuparia</i>	Rowan					<i>Phyllitis scolopendrium</i>	Hart's tongue			
<i>Sorbus species</i>	Whitebeam species					<i>Poa nemoralis</i>	Wood meadow-grass			
<i>Sorbus torminalis</i>	Wild service tree					<i>Polypodium vulgare</i>	Common polypody			
<i>Taxus baccata</i>	Yew					<i>Polystichum aculeatum</i>	Hard shield fern			
<i>Tilia platyphyllos</i>	Large-leaved lime					<i>Polystichum setiferum</i>	Soft shield fern			
<i>Ulex europaeus</i>	Gorse					<i>Potentilla sterilis</i>	Barren strawberry			
<i>Ulmus species</i>	Elm species	F	F	A	F	<i>Primula elatior</i>	Oxlip			
<i>Viburnum lantana</i>	Wayfaring-tree	R			R	<i>Primula vulgaris</i>	Primrose			
<i>Viburnum opulus</i>	Guedder rose					<i>Ranunculus auricomus</i>	Goldlocks buttercup			
						<i>Sanicula europaea</i>	Sanicle			
						<i>Teucrium scorodonia</i>	Wood sage			
						<i>Veronica montana</i>	Wood speedwell			
						<i>Viola odorata</i>	Sweet violet			
						<i>Viola reichenbachiana</i>	Early dog violet			
						<i>Viola riviniana</i>	Common dog violet			
Total species for each 30m section		10	7	6						
Average per 30m section					7.66666667					
HEDGEROW ASSESSMENT										
Hedgerow features (taken from Hedgerow Regulations 1997 Part 11 Paragraph 7(4) to (i)).										
(a) A bank or wall which supports the hedgerow along at least half of its length;									Absent	
(b) Gaps which aggregate do not exceed 10% of length of hedgerow;									Present	
(c) Where the length of the hedgerow does not exceed 50m, at least one standard tree; (standard tree >20cm DBH (or 63cm circ) and multistemmed is >15cm DBH (or 47cm circ).									Absent	
(d) Where the length of the hedgerow exceeds 50m but does not exceed 100m, at least 2 standard trees;									Absent	
(e) Where the length of the hedgerow exceeds 100m, such number of standard trees (within any part of its length) as would when averaged over its total length amount at least one for each 50m;									Present	
(f) At least 3 woodland species (Schedule 2) within one metre, in any direction, of the outermost edges of the hedgerow;									Absent	
(g) A ditch along at least one half of the length of the hedgerow;									Present	
(h) Connections scoring 4 points or more in accordance with sub-paragraph (5) ¹									Absent	
(i) A parallel hedge within 15m of the hedgerow.									Present	
Total number of features present									4	
Notable shrub or herb species that occur along the length of the entire hedge which are not listed in Schedule 2 or 3										
hogweed, black bryony, white dead-nettle, hedge bindweed, false oat-grass, cock's-foot, creeping thistle, cow parsley, white comfrey, yarrow, meadow vetchling										
Total number of other hedgerows connecting to hedgerow that is subject of survey										
2										
Signs of use by notable fauna										
None										
Is the Hedgerow obviously less than 30 years in age?									No	
Does hedge currently support or have desk study records of spp protected in Schedules 1, 5 or 8 of the WaCA, or red data book species for 2007 to date.									No	
Does the hedge include at least 7 woody species (from Schedule 3)									Yes	
Does the hedge include at least 6 woody species (from Schedule 3) + 3 features listed overleaf?									Yes	
Does the hedge include at least 6 woody species (from Schedule 3), including native black poplar, small or large lrd lime or service tree?									No	
Does the hedge include at least 5 woody species (from Schedule 3) + four features listed overleaf?									Yes	
Hedge adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic + at least 4 woody species (from Schedule 3) + at least 2 of the features described in (a) to (g) above.									Yes	
Qualifies as 'IMPORTANT HEDGEROW'?									Yes	
Notes										
PHASE 1 HABITAT CODE: J2.3.1 Intact species-rich hedgerow and trees.										
Are further surveys needed?									No	

HS1 HEDGEROW SURVEY										
Ecology ID ¹	Hedgerow 22			Land Parcel Reference		WS43258, U00010		Date	29/09/2017	
Weather Conditions	cloudy			Surveyor(s)		Phil Newbery and Emma Taylor		Transect ID	F001	
Wind	2	Air Temperature (°C)	16		Cloud Cover	8		Rain	0	
Start	Easting (X)		357080		End	Easting (X)		356705		
	Northing (Y)		125058			Northing (Y)		125664		
Total length of hedge section (m)	785			Number of 30m sections to be assessed		3				
Height of hedge (m)	3			Width of hedge (m)		1.5				
Number and length of gaps in hedge (as an overall % of length)					Number of mature trees (>20cm DBH) in total length of hedge					
0					8					
Are there any ditches along the length of the hedge?	Yes		Orientation of ditch		W		Wet or dry Ditch		Dry	
List of Schedule 3 Species for hedgerow assessment within 30m sections.					Schedule 2 species, to be recorded along entire length of hedge (within 1m of outermost edges of the hedgerow)					
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR		
<i>Acer campestre</i>	Field maple		R	O	R	<i>Adoxa moschatellina</i>	Moschatel			
<i>Alnus glutinosa</i>	Alder					<i>Ajuga reptans</i>	Bugle			
<i>Betula pendula</i>	Silver birch					<i>Allium ursinum</i>	Ramsons			
<i>Betula pubescens</i>	Downy birch					<i>Anemone nemorosa</i>	Wood anemone			
<i>Carpinus betulus</i>	Hornbeam					<i>Anum maculatum</i>	Lords-and-ladies			
<i>Cornus sanguinea</i>	Dogwood		F	O	O	<i>Athyrium filix-femina</i>	Lady fern			
<i>Corylus avellana</i>	Hazel			O	R	<i>Brachypodium sylvaticum</i>	Wood false-brome			
<i>Crataegus laevigata</i>	Midland hawthorn					<i>Bromus ramosus</i>	Hairy brome			
<i>Crataegus monogyna</i>	Hawthorn	O	R		R	<i>Campanula trachelium</i>	Nettle-leaved bellflower			
<i>Daphne laureola</i>	Spurge-laurel					<i>Carex sylvatica</i>	Wood sedge			
<i>Daphne mezereum</i>	Daphne mezereum					<i>Circaea lutetiana</i>	Enchanters nightshade			
<i>Euonymus europaeus</i>	Spindle					<i>Conopodium majus</i>	Pignut			
<i>Fagus sylvatica</i>	Beech					<i>Dryopteris affinis</i>	Scaly male-fern			
<i>Frangula alnus</i>	Alder buckthorn					<i>Dryopteris carthusiana</i>	Narrow buckler fern			
<i>Fraxinus excelsior</i>	Ash		R	R	R	<i>Dryopteris dilatata</i>	Broad buckler-fern			
<i>Ilex aquifolium</i>	Holly					<i>Dryopteris filix-mas</i>	Male fern			
<i>Ligustrum vulgare</i>	Wild privet	R		O	R	<i>Epipactis helleborine</i>	Broad-leaved helleborine			
<i>Malus sylvestris</i>	Crab apple					<i>Equisetum sylvaticum</i>	Wood horsetail			
<i>Populus alba</i>	White poplar					<i>Euphorbia amygdaloides</i>	Wood spurge			
<i>Populus nigra ssp betulifolia</i>	Black poplar					<i>Festuca gigantea</i>	Giant fescue			
<i>Populus tremula</i>	Aspen					<i>Fragaria vesca</i>	Wild strawberry			
<i>Populus x canescens</i>	Grey poplar					<i>Galium odoratum</i>	Sweet woodruff			
<i>Prunus avium</i>	Wild cherry					<i>Geranium robertianum</i>	Herb Robert			
<i>Prunus spinosa</i>	Blackthorn	A	O	O	F	<i>Geum urbanum</i>	Wood aven			
<i>Pyrus cordata</i>	Plymouth pear					<i>Hyacinthoides non-scripta</i>	Bluebell			
<i>Pyrus pyrastier</i>	Wild pear					<i>Lamiumstrum galeobdolon</i>	Yellow archangel			
<i>Quercus robur</i>	Pedunculata oak					<i>Lathraea squamaria</i>	Toothwort			
<i>Rhamnus cathartica</i>	Buckthorn					<i>Luzula pilosa</i>	Hairy wood-rush			
<i>Ribes uva-crispa</i>	Gooseberry					<i>Melampyrum pratense</i>	Common cow-wheat			
<i>Rosa species</i>	Rose species	R	R	R	R	<i>Mercurialis perennis</i>	Dog's mercury			
<i>Salix species</i>	Willow species					<i>Milium effusum</i>	Wood millet			
<i>Salix viminalis</i>	Osier					<i>Orchis mascula</i>	Early purple orchid			
<i>Sambucus nigra</i>	Elder	R	R	R	R	<i>Oxalis acetosella</i>	Wood sorrel			
	Sub-totals	5	7	8		<i>Paris quadrifolia</i>	Herb Paris			
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR		
<i>Sorbus aucuparia</i>	Rowan					<i>Phyllitis scolopendrium</i>	Hart's tongue			
<i>Sorbus species</i>	Whitebeam species					<i>Poa nemoralis</i>	Wood meadow-grass			
<i>Sorbus torminalis</i>	Wild service tree					<i>Polypodium vulgare</i>	Common polypody			
<i>Taxus baccata</i>	Yew					<i>Polystichum aculeatum</i>	Hard shield fern			
<i>Tilia platyphyllos</i>	Large-leaved lime					<i>Polystichum setiferum</i>	Soft shield fern			
<i>Ulex europaeus</i>	Gorse					<i>Potentilla sterilis</i>	Barren strawberry			
<i>Ulmus species</i>	Elm species	F	A	F	A	<i>Primula elatior</i>	Oxlip			
<i>Viburnum lantana</i>	Wayfaring-tree		R	R	R	<i>Primula vulgaris</i>	Primrose			
<i>Viburnum opulus</i>	Guelder rose					<i>Ranunculus auricomus</i>	Goldilocks buttercup			
						<i>Sanicula europaea</i>	Sanicle			
						<i>Teucrium scorodonia</i>	Wood sage			
						<i>Veronica montana</i>	Wood speedwell			
						<i>Viola odorata</i>	Sweet violet			
						<i>Viola reichenbachiana</i>	Early dog violet			
						<i>Viola riviniana</i>	Common dog violet			
Total species for each 30m section		6	9	10						
Average per 30m section		8.33333333								
HEDGEROW ASSESSMENT										
Hedgerow features (taken from Hedgerow Regulations 1997 Part 11 Paragraph 7(4) to (i)).										
(a) A bank or wall which supports the hedgerow along at least half of its length;										Absent
(b) Gaps which aggregate do not exceed 10% of length of hedgerow;										Present
(c) Where the length of the hedgerow does not exceed 50m, at least one standard tree; (standard tree >20cm DBH (or 63cm circ) and multistemmed is >15cm DBH (or 47cm circ).										Absent
(d) Where the length of the hedgerow exceeds 50m but does not exceed 100m, at least 2 standard trees;										Absent
(e) Where the length of the hedgerow exceeds 100m, such number of standard trees (within any part of its length) as would when averaged over its total length amount at least one for each 50m.										Absent
(f) At least 3 woodland species (Schedule 2) within one metre, in any direction, of the outermost edges of the hedgerow;										Absent
(g) A ditch along at least one half of the length of the hedgerow;										Present
(h) Connections scoring 4 points or more in accordance with sub-paragraph (5) ³										Absent
(i) A parallel hedge within 15m of the hedgerow.										Present
Total number of features present										3
Notable shrub or herb species that occur along the length of the entire hedge which are not listed in Schedule 2 or 3										
Common nettle, creeping thistle, false oat-grass, white dead-nettle, cow parsley, hogweed, hedge bindweed, ivy, greater burdock, hemp agrimony, meadowsweet, red campion.										
Total number of other hedgerows connecting to hedgerow that is subject of survey										
2										
Signs of use by notable fauna										
None observed										
Is the Hedgerow obviously less than 30 years in age?										No
Does hedge currently support or have desk study records of spp protected in Schedules 1, 5 or 8 of the WaCA, or red data book species for 2007 to date.										No
Does the hedge include at least 7 woody species (from Schedule 3)										Yes
Does the hedge include at least 6 woody species (from Schedule 3) + 3 features listed overleaf?										Yes
Does the hedge include at least 6 woody species (from Schedule 3), including native black poplar, small or large ivy lime or service tree?										No
Does the hedge include at least 5 woody species (from Schedule 3) + four features listed overleaf?										No
Hedge adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic + at least 4 woody species (from Schedule 3) + at least 2 of the features described in (a) to (g) above.										Yes
Qualifies as 'IMPORTANT HEDGEROW'?										Yes
Notes										
PHASE 1 HABITAT CODE: J.2.3.1 Intact species-rich hedge and trees.										
Are further surveys needed?										No

HS1 HEDGEROW SURVEY										
Ecology ID *	Hedgerow 23			Land Parcel Reference		WS43258, U00010		Date	30/09/2017	
Weather Conditions	rain			Surveyor(s)		Phil Newberry and Dave Locke		Transect ID	F001	
Wind	2	Air Temperature (°C)	16		Cloud Cover	8		Rain	3	
Start	Easting (X)	356949			End	Easting (X)	357005			
	Northing (Y)	125201				Northing (Y)	125312			
Total length of hedge section (m)	140			Number of 30m sections to be assessed			2			
Height of hedge (m)	3			Width of hedge (m)			2.5			
Number and length of gaps in hedge (as an overall % of length)					Number of mature trees (>20cm DBH) in total length of hedge					
0					26					
Are there any ditches along the length of the hedge?	Yes		Orientation of ditch	E		Wet or dry Ditch	Dry			
List of Schedule 3 Species for hedgerow assessment within 30m sections.					Schedule 2 species, to be recorded along entire length of hedge (within 1m of outermost edges of the hedgerow)					
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR		
<i>Acer campestre</i>	Field maple	F	O		F	<i>Adoxa moschatellina</i>	Moschatel			
<i>Ailurus glutinosus</i>	Alder					<i>Ajuga reptans</i>	Bugle			
<i>Betula pendula</i>	Silver birch					<i>Allium ursinum</i>	Ramsons			
<i>Betula pubescens</i>	Downy birch					<i>Anemone nemorosa</i>	Wood anemone			
<i>Carpinus betulus</i>	Hornbeam					<i>Anem maculatum</i>	Lords-and-ladies			
<i>Cornus sanguinea</i>	Dogwood	O			R	<i>Athyrium filix-femina</i>	Lady fern			
<i>Corylus avellana</i>	Hazel					<i>Brachypodium sylvaticum</i>	Wood false-brome	R		
<i>Crataegus laevigata</i>	Midland hawthorn					<i>Bromus ramosus</i>	Hairy brome			
<i>Crataegus monogyna</i>	Hawthorn	F	O		F	<i>Campylosiphium</i>	Nettle-leaved bellflower			
<i>Daphne laureola</i>	Spurge-laurel					<i>Carex sylvatica</i>	Wood sedge			
<i>Daphne mezereum</i>	Daphne mezereum					<i>Circaea lutetiana</i>	Enchanters nightshade			
<i>Euonymus europaeus</i>	Spindle					<i>Conopodium majus</i>	Pignut			
<i>Fagus sylvatica</i>	Beech					<i>Dryopteris affinis</i>	Scaly male-fern			
<i>Frangula alnus</i>	Alder buckthorn					<i>Dryopteris carthusiana</i>	Narrow buckler fern			
<i>Fraxinus excelsior</i>	Ash	O	F		F	<i>Dryopteris dilatata</i>	Broad buckler-fern			
<i>Ilex aquifolium</i>	Holly					<i>Dryopteris filix-mas</i>	Male fern			
<i>Ligustrum vulgare</i>	Wild privet					<i>Epipactis helleborine</i>	Broad-leaved helleborine			
<i>Malus sylvestris</i>	Crab apple					<i>Equisetum sylvaticum</i>	Wood horsetail			
<i>Populus alba</i>	White poplar					<i>Euphorbia amygdaloides</i>	Wood spurge			
<i>Populus nigra ssp betulifolia</i>	Black poplar					<i>Festuca gigantea</i>	Giant fescue			
<i>Populus tremula</i>	Aspen					<i>Fragaria vesca</i>	Wild strawberry			
<i>Populus x canescens</i>	Grey poplar					<i>Galium odoratum</i>	Sweet woodruff			
<i>Prunus avium</i>	Wild cherry					<i>Galium robertianum</i>	Herb Robert			
<i>Prunus spinosa</i>	Blackthorn	F	A		F	<i>Geum urbanum</i>	Wood anem			
<i>Pyrus cordata</i>	Plymouth pear					<i>Hyacinthoides non-scripta</i>	Bluebell			
<i>Pyrus pyraister</i>	Wild pear					<i>Lamium galeobdolon</i>	Yellow archangel			
<i>Quercus robur</i>	Pedunculata oak					<i>Lathraea squamaria</i>	Toothwort			
<i>Rhamnus cathartica</i>	Buckthorn					<i>Luzula pilosa</i>	Hairy wood-rush			
<i>Ribes uva-crispa</i>	Gooseberry					<i>Melampyrum pratense</i>	Common cow-wheat			
<i>Rosa species</i>	Rose species	R	R		R	<i>Mercurialis perennis</i>	Dog's mercury			
<i>Salix species</i>	Willow species		R		R	<i>Milium effusum</i>	Wood millet			
<i>Salix viminalis</i>	Osier	O	R		R	<i>Orchis mascula</i>	Early purple orchid			
<i>Sambucus nigra</i>	Elder					<i>Oxalis acetosella</i>	Wood sorrel			
Sub-totals		7	7	0		<i>Paris quadrifolia</i>	Herb Paris			
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR		
<i>Sorbus aucuparia</i>	Rowan					<i>Phyllitis scolopendrium</i>	Hair's tongue			
<i>Sorbus species</i>	Whitebeam species					<i>Poa nemoralis</i>	Wood meadow-grass			
<i>Sorbus torminalis</i>	Wild service tree					<i>Polypodium vulgare</i>	Common polypody			
<i>Taxus baccata</i>	Yew					<i>Polystichum aculeatum</i>	Hard shield fern			
<i>Tilia platyphyllos</i>	Large-leaved lime					<i>Polystichum setiferum</i>	Soft shield fern			
<i>Ulex europaeus</i>	Gorse					<i>Potentilla sterilis</i>	Barren strawberry			
<i>Ulmus species</i>	Elm species	O	F		F	<i>Primula elatior</i>	Oxlip			
<i>Viburnum lantana</i>	Wayfaring-tree		R		R	<i>Primula vulgaris</i>	Primrose			
<i>Viburnum opulus</i>	Guelder rose					<i>Ranunculus auricomus</i>	Goldlocks buttercup			
						<i>Sanicula europaea</i>	Sanicle			
						<i>Teucrium scorodonia</i>	Wood sage			
						<i>Veronica montana</i>	Wood speedwell			
						<i>Viola odorata</i>	Sweet violet			
						<i>Viola reichenbachiana</i>	Early dog violet			
						<i>Viola riviniana</i>	Common dog violet			
Total species for each 30m section		8	9	0						
Average per 30m section					8.5					
HEDGEROW ASSESSMENT										
Hedgerow features (taken from Hedgerow Regulations 1997 Part 11 Paragraph 7(4) to (j)).										
(a) A bank or wall which supports the hedgerow along at least half of its length;										Absent
(b) Gaps which aggregate do not exceed 10% of length of hedgerow;										Present
(c) Where the length of the hedgerow does not exceed 50m, at least one standard tree; (standard tree >20cm DBH (or 63cm circ) and multistemmed is >15cm DBH (or 47cm circ).										Absent
(d) Where the length of the hedgerow exceeds 50m but does not exceed 100m, at least 2 standard trees;										Absent
(e) Where the length of the hedgerow exceeds 100m, such number of standard trees (within any part of its length) as would when averaged over its total length amount at least one for each 50m;										Present
(f) At least 3 woodland species (Schedule 2) within one metre, in any direction, of the outermost edges of the hedgerow;										Absent
(g) A ditch along at least one half of the length of the hedgerow;										Present
(h) Connections scoring 4 points or more in accordance with sub-paragraph (5) ³										Absent
(i) A parallel hedge within 15m of the hedgerow.										Absent
Total number of features present										3
Notable shrub or herb species that occur along the length of the entire hedge which are not listed in Schedule 2 or 3										
Ivy, nettle, false oat-grass, cow parsley, agrimony, common nettle.										
Total number of other hedgerows connecting to hedgerow that is subject of survey										
1										
Signs of use by notable fauna										
None observed										
Is the Hedgerow obviously less than 30 years in age?										No
Does hedge currently support or have desk study records of spp protected in Schedules 1, 5 or 8 of the WtCA, or red data book species for 2007 to date.										No
Does the hedge include at least 7 woody species (from Schedule 3)										Yes
Does the hedge include at least 6 woody species (from Schedule 3) + 3 features listed overleaf?										Yes
Does the hedge include at least 6 woody species (from Schedule 3), including native black poplar, small or large lvd lime or service tree?										No
Does the hedge include at least 5 woody species (from Schedule 3) + four features listed overleaf?										No
Hedge adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic + at least 4 woody species (from Schedule 3) + at least 2 of the features described in (a) to (g) above.										No
Qualifies as 'IMPORTANT HEDGEROW'?										Yes
Notes										
PHASE 1 HABITAT CODE: J2.3.1 Intact species-rich hedge and trees.										
Are further surveys needed?										No

HS1 HEDGEROW SURVEY									
Ecology ID ¹	Hedgerow 24			Land Parcel Reference		ST106774, U00010		Date	30/09/2017
Weather Conditions	rain			Surveyor(s)		Phil Newbery and Emma Taylor		Transect ID	F001
Wind	2	Air Temperature (°C)	16	Cloud Cover	8	Rain	3		
Start	Easting (X)	357071			End	Easting (X)	357083		
	Northing (Y)	125095				Northing (Y)	125275		
Total length of hedge section (m)	185			Number of 30m sections to be assessed		2			
Height of hedge (m)	6			Width of hedge (m)		2			
Number and length of gaps in hedge (as an overall % of length)					Number of mature trees (>20cm DBH) in total length of hedge				
0					3				
Are there any ditches along the length of the hedge?	No	Orientation of ditch	N/A		Wet or dry Ditch	N/A			
List of Schedule 3 Species for hedgerow assessment within 30m sections.					Schedule 2 species, to be recorded along entire length of hedge (within 1m of outermost edges of the hedgerow)				
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR	
<i>Acer campestre</i>	Field maple	R	O		O	<i>Adoxa moschatellina</i>	Moschatel		
<i>Alnus glutinosa</i>	Alder					<i>Ajuga reptans</i>	Bugle		
<i>Betula pendula</i>	Silver birch					<i>Allium ursinum</i>	Ramsons		
<i>Betula pubescens</i>	Downy birch					<i>Anemone nemorosa</i>	Wood anemone		
<i>Carpinus betulus</i>	Hornbeam					<i>Anum maculatum</i>	Lords-and-ladies		
<i>Cornus sanguinea</i>	Dogwood	O			R	<i>Athyrium filix-femina</i>	Lady fern		
<i>Corylus avellana</i>	Hazel					<i>Brachypodium sylvaticum</i>	Wood false-brome		R
<i>Cataegus laevigata</i>	Midland hawthorn					<i>Bromus ramosus</i>	Hairy brome		
<i>Cataegus monogyna</i>	Hawthorn	R	O		O	<i>Campanula trachelium</i>	Nettle-leaved bellflower		
<i>Daphne laureola</i>	Spurge-laurel					<i>Carex sylvatica</i>	Wood sedge		
<i>Daphne mezereum</i>	Daphne mezereum					<i>Circaea lutetiana</i>	Enchanters nightshade		
<i>Euonymus europaeus</i>	Spindle					<i>Conopodium majus</i>	Pignut		
<i>Fagus sylvatica</i>	Beech					<i>Dryopteris affinis</i>	Scaly male-fern		
<i>Frangula alnus</i>	Alder buckthorn					<i>Dryopteris carthusiana</i>	Narrow buckler fern		
<i>Fraxinus excelsior</i>	Ash					<i>Dryopteris dilatata</i>	Broad buckler-fern		
<i>Ilex aquifolium</i>	Holly					<i>Dryopteris filix-mas</i>	Male fern		
<i>Ligustrum vulgare</i>	Wild privet	O			R	<i>Epipactis helleborine</i>	Broad-leaved helleborine		
<i>Malus sylvestris</i>	Crab apple					<i>Equisetum sylvaticum</i>	Wood horsetail		
<i>Populus alba</i>	White poplar					<i>Euphorbia amygdaloides</i>	Wood spurge		
<i>Populus nigra ssp betulifolia</i>	Black poplar					<i>Festuca gigantea</i>	Giant fescue		
<i>Populus tremula</i>	Aspen					<i>Fragaria vesca</i>	Wild strawberry		
<i>Populus x canescens</i>	Grey poplar					<i>Galium odoratum</i>	Sweet woodruff		
<i>Prunus avium</i>	Wild cherry					<i>Geranium robertianum</i>	Herb Robert		
<i>Prunus spinosa</i>	Blackthorn	D	A		A	<i>Geum urbanum</i>	Wood avien		
<i>Pyrus cordata</i>	Plymouth pear					<i>Hyacinthoides non-scripta</i>	Bluebell		
<i>Pyrus pyraster</i>	Wild pear					<i>Lamiumstrum galeobdolon</i>	Yellow archangel		
<i>Quercus robur</i>	Pedunculata oak					<i>Lathraea squamaria</i>	Toothwort		
<i>Rhamnus cathartica</i>	Buckthorn					<i>Luzula pilosa</i>	Hairy wood-rush		
<i>Ribes uva-crispa</i>	Gooseberry					<i>Melampyrum pratense</i>	Common cow-wheat		
<i>Rosa species</i>	Rose species		R		R	<i>Mercurialis perennis</i>	Dog's mercury		
<i>Salix species</i>	Willow species	R			R	<i>Milium effusum</i>	Wood millet		
<i>Salix viminalis</i>	Osier					<i>Orchis mascula</i>	Early purple orchid		
<i>Sambucus nigra</i>	Elder					<i>Oxalis acetosella</i>	Wood sorrel		
Sub-totals		5	5	0		<i>Paris quadrifolia</i>	Herb Paris		
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR	
<i>Sorbus aucuparia</i>	Rowan					<i>Phyllitis scolopendrium</i>	Hart's tongue		
<i>Sorbus species</i>	Whitebeam species					<i>Poa nemoralis</i>	Wood meadow-grass		
<i>Sorbus torminalis</i>	Wild service tree					<i>Polypodium vulgare</i>	Common polypody		
<i>Taxus baccata</i>	Yew					<i>Polystichum aculeatum</i>	Hard shield fern		
<i>Tilia platyphyllos</i>	Large-leaved lime					<i>Polystichum setiferum</i>	Soft shield fern		
<i>Ulex europaeus</i>	Gorse					<i>Potentilla sterilis</i>	Barren strawberry		
<i>Ulmus species</i>	Elm species	R			R	<i>Primula elatior</i>	Oxlip		
<i>Viburnum lantana</i>	Wayfaring-tree					<i>Primula vulgaris</i>	Primrose		
<i>Viburnum opulus</i>	Guelder rose					<i>Ranunculus auricomus</i>	Goldlocks buttercup		
						<i>Sanicula europaea</i>	Sanicle		
						<i>Teucrium scorodonia</i>	Wood sage		
						<i>Veronica montana</i>	Wood speedwell		
						<i>Viola odorata</i>	Sweet violet		
Total species for each 30m section		6	5	0		<i>Viola reichenbachiana</i>	Early dog violet		
Average per 30m section					5.5	<i>Viola riviniana</i>	Common dog violet		
HEDGEROW ASSESSMENT									
Hedgerow features (taken from Hedgerow Regulations 1997 Part 11 Paragraph 7(4) to (j)).									
(a) A bank or wall which supports the hedgerow along at least half of its length;								Absent	
(b) Gaps which aggregate do not exceed 10% of length of hedgerow;								Present	
(c) Where the length of the hedgerow does not exceed 50m, at least one standard tree; (standard tree >20cm DBH (or 63cm circ) and multistemmed is >15cm DBH (or 47cm circ).								Absent	
(d) Where the length of the hedgerow exceeds 50m but does not exceed 100m, at least 2 standard trees;								Absent	
(e) Where the length of the hedgerow exceeds 100m, such number of standard trees (within any part of its length) as would when averaged over its total length amount at least one for each 50m;								Absent	
(f) At least 3 woodland species (Schedule 2) within one metre, in any direction, of the outermost edges of the hedgerow;								Absent	
(g) A ditch along at least one half of the length of the hedgerow;								Absent	
(h) Connections scoring 4 points or more in accordance with sub-paragraph (5) ¹								Absent	
(i) A parallel hedge within 15m of the hedgerow.								Absent	
Total number of features present								1	
Notable shrub or herb species that occur along the length of the entire hedge which are not listed in Schedule 2 or 3									
Common nettle, creeping thistle, greater burdock, hedge bindweed, hogweed, bush vetch, black bryony, cow parsley, hedge bedstraw, ivy, woody nightshade.									
Total number of other hedgerows connecting to hedgerow that is subject of survey									
1									
Signs of use by notable fauna									
None observed									
Is the Hedgerow obviously less than 30 years in age?								No	
Does hedge currently support or have desk study records of spp protected in Schedules 1, 5 or 8 of the WaCA, or red data book species for 2007 to date.								No	
Does the hedge include at least 7 woody species (from Schedule 3)								No	
Does the hedge include at least 6 woody species (from Schedule 3) + 3 features listed overleaf?								No	
Does the hedge include at least 6 woody species (from Schedule 3), including native black poplar, small or large lrd lime or service tree?								No	
Does the hedge include at least 5 woody species (from Schedule 3) + four features listed overleaf?								No	
Hedge adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic + at least 4 woody species (from Schedule 3) + at least 2 of the features described in (a) to (g) above.								No	
Qualifies as 'IMPORTANT HEDGEROW'?								No	
Notes									
PHASE 1 HABITAT CODE: J.2.3.1 Intact species-rich hedgerow and trees.									
Are further surveys needed?								No	

HS1 HEDGEROW SURVEY											
Ecology ID 1	Hedgerow 25			Land Parcel Reference			ST106774, W565487		Date	30/09/2017	
Weather Conditions	rain			Surveyor(s)			Phil Newbery and Emma Taylor		Transect ID	F001	
Wind	2	Air Temperature (°C)		16	Cloud Cover		8	Rain	3		
Start	Easting (X)			357108			End		Easting (X)		357132
	Northing (Y)			125068			End		Northing (Y)		125270
Total length of hedge section (m)				190			Number of 30m sections to be assessed			2	
Height of hedge (m)				6			Width of hedge (m)			2	
Number and length of gaps in hedge (as an overall % of length)					Number of mature trees (>20cm DBH) in total length of hedge						
0					7						
Are there any ditches along the length of the hedge?		Yes		Orientation of ditch		W		Wet or dry Ditch		Dry	
List of Schedule 3 Species for hedgerow assessment within 30m sections.						Schedule 2 species, to be recorded along entire length of hedge (within 1m of outermost edges of the hedgerow)					
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR			
<i>Acer campestre</i>	Field maple	R	O			<i>Adoxa moschatellina</i>	Moschatel				
<i>Alnus glutinosa</i>	Alder					<i>Ajuga reptans</i>	Bugle				
<i>Betula pendula</i>	Silver birch					<i>Allium ursinum</i>	Ramsons				
<i>Betula pubescens</i>	Downy birch					<i>Anemone nemorosa</i>	Wood anemone				
<i>Carpinus betulus</i>	Hornbeam					<i>Arum maculatum</i>	Lords-and-ladies				
<i>Cornus sanguinea</i>	Dogwood	F	A		F	<i>Athyrium filix-femina</i>	Lady fern				
<i>Corylus avellana</i>	Hazel					<i>Brachypodium sylvaticum</i>	Wood false-brome	R			
<i>Crataegus laevigata</i>	Midland hawthorn					<i>Bromus ramosus</i>	Hairy brome				
<i>Crataegus monogyna</i>	Hawthorn	R	O		O	<i>Campanula trachelium</i>	Nettle-leaved bellflower				
<i>Daphne laureola</i>	Spurge-laurel					<i>Carex sylvatica</i>	Wood sedge				
<i>Daphne mezereum</i>	Daphne mezereum					<i>Circaea lutetiana</i>	Enchanters nightshade				
<i>Euonymus europaeus</i>	Spindle					<i>Conopodium majus</i>	Pignut				
<i>Fagus sylvatica</i>	Beech					<i>Dryopteris affinis</i>	Scaly male-fern				
<i>Fraxinus alnus</i>	Alder buckthorn					<i>Dryopteris carthusiana</i>	Narrow buckler-fern				
<i>Fraxinus excelsior</i>	Ash	F			O	<i>Dryopteris dilatata</i>	Broad buckler-fern				
<i>Ilex aquifolium</i>	Holly					<i>Dryopteris filix-mas</i>	Male fern				
<i>Ligustrum vulgare</i>	Wild privet					<i>Epipactis helleborine</i>	Broad-leaved helleborine				
<i>Malus sylvestris</i>	Crab apple					<i>Equisetum sylvaticum</i>	Wood horsetail				
<i>Populus alba</i>	White poplar					<i>Euphorbia amygdaloides</i>	Wood spurge				
<i>Populus nigra ssp. betulifolia</i>	Black poplar					<i>Festuca gigantea</i>	Giant fescue				
<i>Populus tremula</i>	Aspen					<i>Fragaria vesca</i>	Wild strawberry				
<i>Populus x canescens</i>	Grey poplar					<i>Galium odoratum</i>	Sweet woodruff				
<i>Prunus avium</i>	Wild cherry					<i>Geranium robertianum</i>	Herb Robert				
<i>Prunus spinosa</i>	Blackthorn	F	A		A	<i>Geum urbanum</i>	Wood aven				
<i>Pyrus cordata</i>	Plymouth pear					<i>Hyacinthoides non-scripta</i>	Bluebell				
<i>Pyrus pyramidalis</i>	Wild pear					<i>Lamium galeobdolon</i>	Yellow archangel				
<i>Quercus robur</i>	Pedunculata oak					<i>Lathraea squamaria</i>	Toothwort				
<i>Rhamnus cathartica</i>	Buckthorn					<i>Luzula pilosa</i>	Hairy wood-rush				
<i>Ribes uva-crispa</i>	Gooseberry					<i>Melampyrum pratense</i>	Common cow-wheat				
<i>Rosa species</i>	Rose species	R			R	<i>Mercurialis perennis</i>	Dog's mercury				
<i>Salix species</i>	Willow species					<i>Milium effusum</i>	Wood millet				
<i>Salix viminalis</i>	Osier					<i>Orchis mascula</i>	Early purple orchid				
<i>Sambucus nigra</i>	Elder	F	R		O	<i>Oxalis acetosella</i>	Wood sorrel				
Sub-totals		7	5	0		<i>Paris quadrifolia</i>	Herb Paris				
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR			
<i>Sorbus aucuparia</i>	Rowan					<i>Phyllitis scolopendrium</i>	Hart's tongue				
<i>Sorbus species</i>	Whitebeam species					<i>Poa nemoralis</i>	Wood meadow-grass				
<i>Sorbus torminalis</i>	Wild service tree					<i>Polypodium vulgare</i>	Common polypody				
<i>Taxus baccata</i>	Yew					<i>Polystichum aculeatum</i>	Hard shield fern				
<i>Tilia platyphyllos</i>	Large-leaved lime					<i>Polystichum setiferum</i>	Soft shield fern				
<i>Ulex europaeus</i>	Gorse					<i>Potentilla sterilis</i>	Barren strawberry				
<i>Ulmus species</i>	Elm species	F			O	<i>Primula elatior</i>	Oxlip				
<i>Viburnum lantana</i>	Wayfaring-tree					<i>Primula vulgaris</i>	Primrose				
<i>Viburnum opulus</i>	Guelder rose					<i>Ranunculus auricomus</i>	Goldlocks buttercup				
						<i>Sanicula europaea</i>	Sanicle				
						<i>Teucrium scorodonia</i>	Wood sage				
						<i>Veronica montana</i>	Wood speedwell				
						<i>Viola odorata</i>	Sweet violet				
						<i>Viola reichenbachiana</i>	Early dog violet				
						<i>Viola riviniana</i>	Common dog violet				
Total species for each 30m section		8	5	0							
Average per 30m section					6.5						
HEDGEROW ASSESSMENT											
Hedgerow features (taken from Hedgerow Regulations 1997 Part 11 Paragraph 7(4) to (i)).											
(a) A bank or wall which supports the hedgerow along at least half of its length;										Absent	
(b) Gaps which aggregate do not exceed 10% of length of hedgerow;										Present	
(c) Where the length of the hedgerow does not exceed 50m, at least one standard tree; (standard tree >20cm DBH (or 63cm circ) and multistemmed is >15cm DBH (or 47cm circ).										Absent	
(d) Where the length of the hedgerow exceeds 50m but does not exceed 100m, at least 2 standard trees;										Absent	
(e) Where the length of the hedgerow exceeds 100m, such number of standard trees (within any part of its length) as would when averaged over its total length amount at least one for each 50m;										Present	
(f) At least 3 woodland species (Schedule 2) within one metre, in any direction, of the outermost edges of the hedgerow;										Absent	
(g) A ditch along at least one half of the length of the hedgerow;										Present	
(h) Connections scoring 4 points or more in accordance with sub-paragraph (5) ³										Absent	
(i) A parallel hedge within 15m of the hedgerow.										Absent	
Total number of features present										3	
Notable shrub or herb species that occur along the length of the entire hedge which are not listed in Schedule 2 or 3											
Common nettle, ivy, hogweed, black bryony, false oat-grass, greater burdock, wild teasel.											
Total number of other hedgerows connecting to hedgerow that is subject of survey											
0											
Signs of use by notable fauna											
None observed											
Is the Hedgerow obviously less than 30 years in age?										No	
Does hedge currently support or have desk study records of spp protected in Schedules 1, 5 or 8 of the WaCA, or red data book species for 2007 to date.										No	
Does the hedge include at least 7 woody species (from Schedule 3)										No	
Does the hedge include at least 6 woody species (from Schedule 3) + 3 features listed overleaf?										Yes	
Does the hedge include at least 6 woody species (from Schedule 3), including native black poplar, small or large hd lime or service tree?										No	
Does the hedge include at least 5 woody species (from Schedule 3) + four features listed overleaf?										No	
Hedge adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic + at least 4 woody species (from Schedule 3) + at least 2 of the features described in (a) to (g) above.										No	
Qualifies as 'IMPORTANT HEDGEROW'?										Yes	
Notes											
PHASE 1 HABITAT CODE: J2.3.1 Intact species-rich hedge and trees.											
Are further surveys needed?										No	

HS1 HEDGEROW SURVEY										
Ecology ID 1	Hedgerow 26			Land Parcel Reference		WS65487		Date	30/09/2017	
Weather Conditions	rain			Surveyor(s)		Phil Newbery and Emma Taylor		Transect ID	F001	
Wind	2	Air Temperature (°C)	16		Cloud Cover	8		Rain	3	
Start	Easting (X)	357230			End	Easting (X)		357237		
	Northing (Y)	125100				Northing (Y)		125474		
Total length of hedge section (m)	375			Number of 30m sections to be assessed			3			
Height of hedge (m)	2			Width of hedge (m)			1			
Number and length of gaps in hedge (as an overall % of length)					Number of mature trees (>20cm DBH) in total length of hedge					
8					0					
Are there any ditches along the length of the hedge?	No		Orientation of ditch	N/A		Wet or dry Ditch	N/A			
List of Schedule 3 Species for hedgerow assessment within 30m sections.					Schedule 2 species, to be recorded along entire length of hedge (within 1m of outermost edges of the hedgerow)					
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR		
<i>Acer campestre</i>	Field maple					<i>Adoxa moschatellina</i>	Moschatel			
<i>Alnus glutinosa</i>	Alder					<i>Ajuga reptans</i>	Bugle			
<i>Betula pendula</i>	Silver birch					<i>Allium ursinum</i>	Ramsons			
<i>Betula pubescens</i>	Downy birch					<i>Anemone nemorosa</i>	Wood anemone			
<i>Carpinus betulus</i>	Hornbeam					<i>Anem maculatum</i>	Lords-and-ladies			
<i>Cornus sanguinea</i>	Dogwood			F	O	<i>Athyrium filix-femina</i>	Lady fern			
<i>Corylus avellana</i>	Hazel			R	R	<i>Brachypodium sylvaticum</i>	Wood false-brome			
<i>Cataegus laevigata</i>	Midland hawthorn					<i>Bromus ramosus</i>	Hairy brome			
<i>Cataegus monogyna</i>	Hawthorn	O	R	R	R	<i>Campanula trachelium</i>	Nettle-leaved bellflower			
<i>Daphne laureola</i>	Spurge-laurel					<i>Carex sylvatica</i>	Wood sedge			
<i>Daphne mezereum</i>	Daphne mezereon					<i>Circaea lutetiana</i>	Enchanters nightshade			
<i>Eucrymus europaeus</i>	Spindle					<i>Conopodium majus</i>	Pignut			
<i>Fagus sylvatica</i>	Beech					<i>Dryopteris affinis</i>	Scaly male-fern			
<i>Frangula alnus</i>	Alder buckthorn					<i>Dryopteris carthusiana</i>	Narrow buckler-fern			
<i>Fraxinus excelsior</i>	Ash					<i>Dryopteris dilatata</i>	Broad buckler-fern			
<i>Ilex aquifolium</i>	Holly					<i>Dryopteris filix-mas</i>	Male fern			
<i>Ligustrum vulgare</i>	Wild privet	R	R	R	R	<i>Epipactis helleborine</i>	Broad-leaved helleborine			
<i>Malus sylvestris</i>	Crab apple					<i>Equisetum sylvaticum</i>	Wood horsetail			
<i>Populus alba</i>	White poplar					<i>Euphorbia amygdaloides</i>	Wood spurge			
<i>Populus nigra ssp betulifolia</i>	Black poplar					<i>Festuca gigantea</i>	Giant fescue			
<i>Populus tremula</i>	Aspen					<i>Fragaria vesca</i>	Wild strawberry			
<i>Populus x canescens</i>	Grey poplar					<i>Gallium odoratum</i>	Sweet woodruff			
<i>Prunus avium</i>	Wild cherry					<i>Geranium robertianum</i>	Herb Robert			
<i>Prunus spinosa</i>	Blackthorn	A	A	A	A	<i>Geum urbanum</i>	Wood aven			
<i>Pyrus cordata</i>	Plymouth pear					<i>Hyacinthoides non-scripta</i>	Bluebell			
<i>Pyrus pyraster</i>	Wild pear					<i>Lamium galeobdolon</i>	Yellow archangel			
<i>Quercus robur</i>	Pedunculata oak					<i>Lathraea squamaria</i>	Toothwort			
<i>Rhamnus cathartica</i>	Buckthorn					<i>Luzula pilosa</i>	Hairy wood-rush			
<i>Ribes uva-crispa</i>	Gooseberry					<i>Melampyrum pratense</i>	Common cow-wheat			
<i>Rosa species</i>	Rose species	R			R	<i>Mercurialis perennis</i>	Dog's mercury			
<i>Salix species</i>	Willow species	R		R	R	<i>Milium effusum</i>	Wood millet			
<i>Salix viminalis</i>	Osier					<i>Orchis mascula</i>	Early purple orchid			
<i>Sambucus nigra</i>	Elder	R		R	R	<i>Oxalis acetosella</i>	Wood sorrel			
	Sub-totals	6	3	7		<i>Paris quadrifolia</i>	Herb Paris			
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR		
<i>Sorbus aucuparia</i>	Rowan					<i>Phyllitis scolopendrium</i>	Hart's tongue			
<i>Sorbus species</i>	Whitebeam species					<i>Poa nemoralis</i>	Wood meadow-grass			
<i>Sorbus torminalis</i>	Wild service tree					<i>Polypodium vulgare</i>	Common polypody			
<i>Taxus baccata</i>	Yew					<i>Polystichum aculeatum</i>	Hard shield fern			
<i>Tilia platyphyllos</i>	Large-leaved lime					<i>Polystichum setiferum</i>	Soft shield fern			
<i>Ulex europaeus</i>	Gorse					<i>Potentilla stenilis</i>	Barren strawberry			
<i>Ulmus species</i>	Elm species		F		O	<i>Primula elatior</i>	Oxlip			
<i>Viburnum lantana</i>	Wayfaring-tree					<i>Primula vulgaris</i>	Primrose			
<i>Viburnum opulus</i>	Guelder rose					<i>Ranunculus auricomus</i>	Goldlocks buttercup			
						<i>Sanicula europaea</i>	Sanicle			
						<i>Teucrium scorodonia</i>	Wood sage			
						<i>Veronica montana</i>	Wood speedwell			
						<i>Viola odorata</i>	Sweet violet			
						<i>Viola reichenbachiana</i>	Early dog violet			
						<i>Viola riviniana</i>	Common dog violet			
Total species for each 30m section		6	4	7						
Average per 30m section		5.66666667								
HEDGEROW ASSESSMENT										
Hedgerow features (taken from Hedgerow Regulations 1997 Part 11 Paragraph 7(4) to (i)).										
(a) A bank or wall which supports the hedgerow along at least half of its length;								Absent		
(b) Gaps which aggregate do not exceed 10% of length of hedgerow;								Present		
(c) Where the length of the hedgerow does not exceed 50m, at least one standard tree; (standard tree >20cm DBH (or 63cm circ) and multistemmed is >15cm DBH (or 47cm circ).								Absent		
(d) Where the length of the hedgerow exceeds 50m but does not exceed 100m, at least 2 standard trees;								Absent		
(e) Where the length of the hedgerow exceeds 100m, such number of standard trees (within any part of its length) as would when averaged over its total length amount at least one for each 50m;								Absent		
(f) At least 3 woodland species (Schedule 2) within one metre, in any direction, of the outermost edges of the hedgerow;								Absent		
(g) A ditch along at least one half of the length of the hedgerow;								Present		
(h) Connections scoring 4 points or more in accordance with sub-paragraph (5) 1								Absent		
(i) A parallel hedge within 15m of the hedgerow.								Absent		
Total number of features present								2		
Notable shrub or herb species that occur along the length of the entire hedge which are not listed in Schedule 2 or 3										
False oat-grass, cock's-foot, black briony, cleavers, common nettle, hedge bindweed, ground-ivy.										
Total number of other hedgerows connecting to hedgerow that is subject of survey										
0										
Signs of use by notable fauna										
None observed										
Is the Hedgerow obviously less than 30 years in age?								No		
Does hedge currently support or have desk study records of spp protected in Schedules 1, 5 or 8 of the WtCA, or red data book species for 2007 to date. PHASE 1 HABITAT CODE: J2.2.1								No		
Does the hedge include at least 7 woody species (from Schedule 3)								No		
Does the hedge include at least 6 woody species (from Schedule 3) + 3 features listed overleaf?								No		
Does the hedge include at least 6 woody species (from Schedule 3), including native black poplar, small or large lrd lime or service tree?								No		
Does the hedge include at least 5 woody species (from Schedule 3) + four features listed overleaf?								No		
Hedge adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic + at least 4 woody species (from Schedule 3) + at least 2 of the features described in (a) to (g) above.								No		
Qualifies as 'IMPORTANT HEDGEROW'?								No		
Notes										
Originally two hedgerows. Perpendicular hedgerow recently removed within mid area of hedgerow 26. Gap that has occurred due to hedgerow removal is less than 20m and newly aligned habitat can be considered one hedgerow. PHASE 1 HABITAT CODE: J2.2.1 Defunct species-rich hedge.										
Are further surveys needed?								No		

HS1 HEDGEROW SURVEY										
Ecology ID	Hedgerow 27				Land Parcel Reference		WS65487		Date	30/09/2017
Weather Conditions	light rain				Surveyor(s)		Phil Newberry and Emma Taylor	Transect ID	F001	
Wind	2	Air Temperature (°C)	16		Cloud Cover	8		Rain	1	
Start	Easting (X)		357325		End	Easting (X)		357290		
	Northing (Y)		125143			Northing (Y)		125455		
Total length of hedge section (m)	370				Number of 30m sections to be assessed			3		
Height of hedge (m)	3				Width of hedge (m)			2		
Number and length of gaps in hedge (as an overall % of length)					Number of mature trees (>20cm DBH) in total length of hedge					
8					0					
Are there any ditches along the length of the hedge?	Yes	Orientation of ditch		E		Wet or dry Ditch		Dry		
List of Schedule 3 Species for hedgerow assessment within 30m sections.					Schedule 2 species, to be recorded along entire length of hedge (within 1m of outermost edges of the hedgerow)					
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR		
<i>Acer campestre</i>	Field maple	R	O	R	R	<i>Adoxa moschatellina</i>	Moschatel			
<i>Ailanthus glutinosa</i>	Alder					<i>Ajuga reptans</i>	Bugle			
<i>Betula pendula</i>	Silver birch					<i>Allium ursinum</i>	Ramsons			
<i>Betula pubescens</i>	Downy birch					<i>Anemone nemorosa</i>	Wood anemone			
<i>Carpinus betulus</i>	Hornbeam					<i>Anemone maculatum</i>	Lords-and-ladies			
<i>Cornus sanguinea</i>	Dogwood					<i>Athyrium filix-femina</i>	Lady fern			
<i>Corylus avellana</i>	Hazel	R		R		<i>Brachypodium sylvaticum</i>	Wood false-brome			
<i>Crataegus laevigata</i>	Midland hawthorn					<i>Bromus ramosus</i>	Hairy brome			
<i>Crataegus monogyna</i>	Hawthorn	R	R	R	R	<i>Campanula trachelium</i>	Nettle-leaved bellflower			
<i>Daphne laureola</i>	Spurge-laurel					<i>Carex sylvatica</i>	Wood sedge			
<i>Daphne mezereum</i>	Daphne mezereum					<i>Circaea lutetiana</i>	Enchanters nightshade			
<i>Euonymus europaeus</i>	Spindle					<i>Conopodium majus</i>	Pignut			
<i>Fagus sylvatica</i>	Beech					<i>Dryopteris affinis</i>	Scaly male-fern			
<i>Fraxinus excelsior</i>	Alder buckthorn					<i>Dryopteris carthusiana</i>	Narrow buckler fern			
<i>Fraxinus excelsior</i>	Ash					<i>Dryopteris dilatata</i>	Broad buckler-fern			
<i>Ilex aquifolium</i>	Holly					<i>Dryopteris filix-mas</i>	Male fern			
<i>Ligustrum vulgare</i>	Wild privet	O		R	R	<i>Epipactis helleborine</i>	Broad-leaved helleborine			
<i>Malus sylvestris</i>	Crab apple					<i>Equisetum sylvaticum</i>	Wood horsetail			
<i>Populus alba</i>	White poplar					<i>Euphorbia amygdaloides</i>	Wood spurge			
<i>Populus nigra ssp betulifolia</i>	Black poplar					<i>Festuca gigantea</i>	Giant fescue			
<i>Populus tremula</i>	Aspen					<i>Fragaria vesca</i>	Wild strawberry			
<i>Populus x canescens</i>	Grey poplar					<i>Galium odoratum</i>	Sweet woodruff			
<i>Prunus avium</i>	Wild cherry					<i>Geranium robertianum</i>	Herb Robert			
<i>Prunus spinosa</i>	Blackthorn	A	A	O	A	<i>Geum urbanum</i>	Wood avens			
<i>Pyrus cordata</i>	Plymouth pear					<i>Hyacinthoides non-scripta</i>	Bluebell			
<i>Pyrus pyrastraster</i>	Wild pear					<i>Lamium album</i>	Yellow archangel			
<i>Quercus robur</i>	Pedunculata oak					<i>Lathraea squamaria</i>	Toothwort			
<i>Rhamnus cathartica</i>	Buckthorn					<i>Luzula pilosa</i>	Hairy wood-rush			
<i>Ribes uva-crispa</i>	Gooseberry					<i>Melampyrum pratense</i>	Common cow-wheat			
<i>Rosa species</i>	Rose species	R	R	R	R	<i>Mercularia perennis</i>	Dog's mercury			
<i>Salix species</i>	Willow species					<i>Milium effusum</i>	Wood millet			
<i>Salix viminalis</i>	Osier					<i>Orcis mascula</i>	Early purple orchid			
<i>Sambucus nigra</i>	Elder	O	R	R	R	<i>Oxalis acetosella</i>	Wood sorrel			
	Sub-totals	5	6	6	6	<i>Paris quadrifolia</i>	Herb Paris			
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR		
<i>Sorbus aucuparia</i>	Rowan					<i>Phyllitis scolopendrium</i>	Hart's tongue			
<i>Sorbus species</i>	Whitebeam species					<i>Poa nemoralis</i>	Wood meadow-grass			
<i>Sorbus torminalis</i>	Wild service tree					<i>Polypodium vulgare</i>	Common polypody			
<i>Taxus baccata</i>	Yew					<i>Polystichum aculeatum</i>	Hard shield fern			
<i>Tilia platyphyllos</i>	Large-leaved lime					<i>Polystichum setiferum</i>	Soft shield fern			
<i>Ulex europaeus</i>	Gorse					<i>Potentilla sterilis</i>	Barren strawberry			
<i>Ulmus species</i>	Elm species	F	F	F	F	<i>Primula elatior</i>	Oxlip			
<i>Viburnum lantana</i>	Wayfaring-tree					<i>Primula vulgaris</i>	Primrose			
<i>Viburnum opulus</i>	Gelder rose					<i>Ranunculus auricomus</i>	Goldlocks buttercup			
						<i>Sanicula europaea</i>	Sanicle			
						<i>Teucrium scorodonia</i>	Wood sage			
						<i>Veronica montana</i>	Wood speedwell			
						<i>Viola odorata</i>	Sweet violet			
						<i>Viola reichenbachiana</i>	Early dog violet			
						<i>Viola riviniana</i>	Common dog violet			
<p>HEDGEROW ASSESSMENT</p> <p>Hedgerow features (taken from Hedgerow Regulations 1997 Part 11 Paragraph 7(4) to (i)).</p> <p>(a) A bank or wall which supports the hedgerow along at least half of its length; Absent</p> <p>(b) Gaps which aggregate do not exceed 10% of length of hedgerow; Present</p> <p>(c) Where the length of the hedgerow does not exceed 50m, at least one standard tree; (standard tree >20cm DBH (or 63cm circ) and multistemmed is >15cm DBH (or 47cm circ). Absent</p> <p>(d) Where the length of the hedgerow exceeds 50m but does not exceed 100m, at least 2 standard trees; Absent</p> <p>(e) Where the length of the hedgerow exceeds 100m, such number of standard trees (within any part of its length) as would when averaged over its total length amount at least one for each 50m; Absent</p> <p>(f) At least 3 woodland species (Schedule 2) within one metre, in any direction, of the outermost edges of the hedgerow; Absent</p> <p>(g) A ditch along at least one half of the length of the hedgerow; Absent</p> <p>(h) Connections scoring 4 points or more in accordance with sub-paragraph (5) ³ Absent</p> <p>(i) A parallel hedge within 15m of the hedgerow. Absent</p> <p>Total number of features present 1</p>										
<p>Notable shrub or herb species that occur along the length of the entire hedge which are not listed in Schedule 2 or 3</p> <p>Creeping bent, cock-foot- false oat-grass, Yorkshire fog, germander speedwell, ground-ivy, common nettle, black bryony, creeping thistle, ivy, traveller's joy, bramble.</p> <p>Total number of other hedgerows connecting to hedgerow that is subject of survey 0</p> <p>Signs of use by notable fauna None observed</p> <p>Is the Hedgerow obviously less than 30 years in age? No</p> <p>Does hedge currently support or have desk study records of spp protected in Schedules 1, 5 or 8 of the WaCA, or red data book species for 2007 to date. No</p> <p>Does the hedge include at least 7 woody species (from Schedule 3) No</p> <p>Does the hedge include at least 6 woody species (from Schedule 3) + 3 features listed overleaf? No</p> <p>Does the hedge include at least 6 woody species (from Schedule 3), including native black poplar, small or large lrd lime or service tree? No</p> <p>Does the hedge include at least 5 woody species (from Schedule 3) + 4 features listed overleaf? No</p> <p>Hedge adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic + at least 4 woody species (from Schedule 3) + at least 2 of the features described in (a) to (g) above. No</p> <p>Qualifies as 'IMPORTANT HEDGEROW'? No</p> <p>Notes</p> <p>Originally two hedgerows. Perpendicular hedgerow recently removed within mid area of hedgerow 27. Gap that has occurred due to hedgerow removal is less than 20m and newly aligned habitat can be considered one hedgerow. PHASE 1 HABITAT CODE: J2.2.1 Defunct species-rich hedgerow.</p> <p>Are further surveys needed? No</p>										

HS1 HEDGEROW SURVEY										
Ecology ID *	Hedgerow 28			Land Parcel Reference		WS65487, ST169342		Date	30/09/2017	
Weather Conditions	light rain			Surveyor(s)		Phil Newbery and E		Transect ID	F001	
Wind	2	Air Temperature (°C)		16	Cloud Cover		8	Rain		1
Start	Easting (X)		357290		End		Easting (X)		357414	
	Northing (Y)		125285				Northing (Y)		125343	
Total length of hedge section (m)			140		Number of 30m sections to be assessed			2		
Height of hedge (m)			4		Width of hedge (m)			2.5		
Number and length of gaps in hedge (as an overall % of length)					Number of mature trees (>20cm DBH) in total length of hedge					
0					5					
Are there any ditches along the length of the hedge?			No	Orientation of ditch		N/A		Wet or dry Ditch		N/A
List of Schedule 3 Species for hedgerow assessment within 30m sections.						Schedule 2 species, to be recorded along entire length of hedge (within 1m of outermost edges of the hedgerow)				
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR		
<i>Acer campestre</i>	Field maple	R			R	<i>Adoxa moschatellina</i>	Moschatel			
<i>Ailun glutinosa</i>	Alder					<i>Ajuga reptans</i>	Bugle			
<i>Betula pendula</i>	Silver birch					<i>Allium ursinum</i>	Ramsons			
<i>Betula pubescens</i>	Downy birch					<i>Anemone nemorosa</i>	Wood anemone			
<i>Carpinus betulus</i>	Hornbeam					<i>Anum maculatum</i>	Lords-and-ladies			
<i>Cornus sanguinea</i>	Dogwood	R			R	<i>Athyrium filix-femina</i>	Lady fern			
<i>Corylus avellana</i>	Hazel					<i>Brachypodium sylvaticum</i>	Wood false-brome			
<i>Crataegus laevigata</i>	Midland hawthorn					<i>Bromus ramosus</i>	Hairy brome			
<i>Crataegus monogyna</i>	Hawthorn	O	O		O	<i>Campanula trachelium</i>	Nettle-leaved bellflower			
<i>Daphne laureola</i>	Spurge-laurel					<i>Carex sylvatica</i>	Wood sedge			
<i>Daphne mezereum</i>	Daphne mezereum					<i>Circaea lutetiana</i>	Enchanters nightshade			
<i>Euonymus europaeus</i>	Spindle					<i>Conopodium majus</i>	Pignut			
<i>Fagus sylvatica</i>	Beech					<i>Dryopteris affinis</i>	Scaly male-fern			
<i>Frangula alnus</i>	Alder buckthorn					<i>Dryopteris carthusiana</i>	Narrow buckler fern			
<i>Fraxinus excelsior</i>	Ash					<i>Dryopteris dilatata</i>	Broad buckler-fern			
<i>Ilex aquifolium</i>	Holly					<i>Dryopteris filix-mas</i>	Male fern			
<i>Ligustrum vulgare</i>	Wild privet	O			O	<i>Epipactis helleborine</i>	Broad-leaved helleborine			
<i>Malus sylvestris</i>	Crab apple					<i>Equisetum sylvaticum</i>	Wood horsetail			
<i>Populus alba</i>	White poplar					<i>Euphorbia amygdaloides</i>	Wood spurge			
<i>Populus nigra ssp betulifolia</i>	Black poplar					<i>Festuca gigantea</i>	Giant fescue			
<i>Populus tremula</i>	Aspen					<i>Fragaria vesca</i>	Wild strawberry			
<i>Populus x canescens</i>	Grey poplar					<i>Galium odoratum</i>	Sweet woodruff			
<i>Prunus avium</i>	Wild cherry					<i>Geranium robertianum</i>	Herb Robert			
<i>Prunus spinosa</i>	Blackthorn	F	F		F	<i>Geum urbanum</i>	Wood avien			
<i>Pyrus cordata</i>	Plymouth pear					<i>Hyacinthoides non-scripta</i>	Bluebell			
<i>Pyrus pyrastor</i>	Wild pear					<i>Lamiastrum galeobdolon</i>	Yellow archangel			
<i>Quercus robur</i>	Pedunculata oak					<i>Lathraea squamaria</i>	Toothwort			
<i>Rhamnus cathartica</i>	Buckthorn					<i>Luzula pilosa</i>	Hairy wood-rush			
<i>Ribes uva-crispa</i>	Gooseberry					<i>Melampyrum pratense</i>	Common cow-wheat			
<i>Rosa species</i>	Rose species		R		R	<i>Mercurialis perennis</i>	Dog's mercury			
<i>Salix species</i>	Willow species		A		F	<i>Milium effusum</i>	Wood millet			
<i>Salix viminalis</i>	Osier					<i>Orchis mascula</i>	Early purple orchid			
<i>Sambucus nigra</i>	Elder		R		R	<i>Oxalis acetosella</i>	Wood sorrel			
Sub-totals		5	5	0		<i>Paris quadrifolia</i>	Herb Paris			
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR		
<i>Sorbus aucuparia</i>	Rowan					<i>Phyllitis scolopendrium</i>	Hart's tongue			
<i>Sorbus species</i>	Whitebeam species					<i>Poa nemoralis</i>	Wood meadow-grass			
<i>Sorbus torminalis</i>	Wild service tree					<i>Polypodium vulgare</i>	Common polypody			
<i>Taxus baccata</i>	Yew					<i>Polystichum aculeatum</i>	Hard shield fern			
<i>Tilia platyphyllos</i>	Large-leaved lime					<i>Polystichum setiferum</i>	Soft shield fern			
<i>Ulex europaeus</i>	Gorse					<i>Potentilla sterilis</i>	Barren strawberry			
<i>Ulmus species</i>	Elm species	A			F	<i>Primula elatior</i>	Oxlip			
<i>Viburnum lantana</i>	Wayfaring-tree					<i>Primula vulgaris</i>	Primrose			
<i>Viburnum opulus</i>	Guelder rose					<i>Ranunculus auricomus</i>	Goldlocks buttercup			
						<i>Sanicula europaea</i>	Sanicle			
						<i>Teucrium scorodonia</i>	Wood sage			
						<i>Veronica montana</i>	Wood speedwell			
						<i>Viola odorata</i>	Sweet violet			
Total species for each 30m section		6	5	0		<i>Viola reichenbachiana</i>	Early dog violet			
Average per 30m section					5.5	<i>Viola riviniana</i>	Common dog violet			
HEDGEROW ASSESSMENT										
Hedgerow features (taken from Hedgerow Regulations 1997 Part 11 Paragraph 7(4) to (i)).										
(a) A bank or wall which supports the hedgerow along at least half of its length;								Absent		
(b) Gaps which aggregate do not exceed 10% of length of hedgerow;								Present		
(c) Where the length of the hedgerow does not exceed 50m, at least one standard tree, (standard tree >20cm DBH (or 63cm circ) and multistemmed is >15cm DBH (or 47cm circ).								Absent		
(d) Where the length of the hedgerow exceeds 50m but does not exceed 100m, at least 2 standard trees;								Absent		
(e) Where the length of the hedgerow exceeds 100m, such number of standard trees (within any part of its length) as would when averaged over its total length amount at least one for each 50m;								Present		
(f) At least 3 woodland species (Schedule 2) within one metre, in any direction, of the outermost edges of the hedgerow;								Absent		
(g) A ditch along at least one half of the length of the hedgerow;								Absent		
(h) Connections scoring 4 points or more in accordance with sub-paragraph (5) ¹								Absent		
(i) A parallel hedge within 15m of the hedgerow.								Absent		
Total number of features present								2		
Notable shrub or herb species that occur along the length of the entire hedge which are not listed in Schedule 2 or 3										
ly, cock's-foot, common nettle, hogweed.										
Total number of other hedgerows connecting to hedgerow that is subject of survey										
2										
Signs of use by notable fauna										
None observed										
Is the Hedgerow obviously less than 30 years in age?								No		
Does hedge currently support or have desk study records of spp protected in Schedules 1, 5 or 8 of the WaCA, or red data book species for 2007 to date.								No		
Does the hedge include at least 7 woody species (from Schedule 3)								No		
Does the hedge include at least 6 woody species (from Schedule 3) + 3 features listed overleaf?								No		
Does the hedge include at least 6 woody species (from Schedule 3), including native black poplar, small or large lvd lime or service tree?								No		
Does the hedge include at least 5 woody species (from Schedule 3) + four features listed overleaf?								No		
Hedge adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic + at least 4 woody species (from Schedule 3) + at least 2 of the features described in (a) to (g) above.								No		
Qualifies as 'IMPORTANT HEDGEROW'?								No		
Notes										
PHASE 1 HABITAT CODE: J2.3.1 Intact species-rich hedge and trees.										
Are further surveys needed?								No		

HS1 HEDGEROW SURVEY										
Ecology ID 1	Hedgerow 29			Land Parcel Reference		ST169342, WS65487		Date	30/09/2017	
Weather Conditions	light rain			Surveyor(s)		Phil Newberry and Emma Taylor		Transect ID	F001	
Wind	2	Air Temperature (°C)	16		Cloud Cover	8		Rain	1	
Start	Easting (X)	357452			End	Easting (X)	357374			
	Northing (Y)	125219				Northing (Y)	125455			
Total length of hedge section (m)	245			Number of 30m sections to be assessed			3			
Height of hedge (m)	3			Width of hedge (m)			2.5			
Number and length of gaps in hedge (as an overall % of length)					Number of mature trees (>20cm DBH) in total length of hedge					
0					0					
Are there any ditches along the length of the hedge?	No		Orientation of ditch	N/A		Wet or dry Ditch	N/A			
List of Schedule 3 Species for hedgerow assessment within 30m sections.					Schedule 2 species, to be recorded along entire length of hedge (within 1m of outermost edges of the hedgerow)					
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR		
<i>Acer campestre</i>	Field maple	F	R	O	O	<i>Adoxa moschatellina</i>	Moschatel			
<i>Alnus glutinosa</i>	Alder					<i>Ajuga reptans</i>	Bugle			
<i>Betula pendula</i>	Silver birch					<i>Allium ursinum</i>	Ramsons			
<i>Betula pubescens</i>	Downy birch					<i>Anemone nemorosa</i>	Wood anemone			
<i>Carpinus betulus</i>	Hornbeam					<i>Anum maculatum</i>	Lords-and-ladies			
<i>Cornus sanguinea</i>	Dogwood	R	R		R	<i>Athyrium filix-femina</i>	Lady fern			
<i>Corylus avellana</i>	Hazel					<i>Brachypodium sylvaticum</i>	Wood false-brome			
<i>Crataegus laevigata</i>	Midland hawthorn					<i>Bromus ramosus</i>	Hairy brome			
<i>Crataegus monogyna</i>	Hawthorn		O		R	<i>Campanula trachelium</i>	Nettle-leaved bellflower			
<i>Daphne laureola</i>	Spurge-laurel					<i>Carex sylvatica</i>	Wood sedge			
<i>Daphne mezereum</i>	Daphne mezereum					<i>Circaea lutetiana</i>	Enchanters nightshade			
<i>Euonymus europaeus</i>	Spindle					<i>Conopodium majus</i>	Pignut			
<i>Fagus sylvatica</i>	Beech					<i>Dryopteris affinis</i>	Scaly male-fern			
<i>Frangula alnus</i>	Alder buckthorn					<i>Dryopteris carthusiana</i>	Narrow buckler fern			
<i>Fraxinus excelsior</i>	Ash	R	O	R	O	<i>Dryopteris dilatata</i>	Broad buckler-fern			
<i>Ilex aquifolium</i>	Holly					<i>Dryopteris filix-mas</i>	Male fern			
<i>Ligustrum vulgare</i>	Wild privet	F	O	F	F	<i>Epipactis helleborine</i>	Broad-leaved helleborine			
<i>Malus sylvestris</i>	Crab apple					<i>Equisetum sylvaticum</i>	Wood horsetail			
<i>Populus alba</i>	White poplar					<i>Euphorbia amygdaloides</i>	Wood spurge			
<i>Populus nigra ssp betulifolia</i>	Black poplar					<i>Festuca gigantea</i>	Giant fescue			
<i>Populus tremula</i>	Aspen					<i>Fragaria vesca</i>	Wild strawberry			
<i>Populus x canescens</i>	Grey poplar					<i>Galium odoratum</i>	Sweet woodruff			
<i>Prunus avium</i>	Wild cherry					<i>Geranium robertianum</i>	Herb Robert			
<i>Prunus spinosa</i>	Blackthorn	F	D	A	A	<i>Geum urbanum</i>	Wood avens			
<i>Pyrus cordata</i>	Plymouth pear					<i>Hyacinthoides non-scripta</i>	Bluebell			
<i>Pyrus pyrastrer</i>	Wild pear					<i>Lamium galeobdolon</i>	Yellow archangel			
<i>Quercus robur</i>	Pedunculata oak					<i>Lathraea squamaria</i>	Toothwort			
<i>Rhamnus cathartica</i>	Buckthorn					<i>Luzula pilosa</i>	Hairy wood-rush			
<i>Ribes uva-crispa</i>	Gooseberry					<i>Melampyrum pratense</i>	Common cow-wheat			
<i>Rosa species</i>	Rose species			R	R	<i>Mercurialis perennis</i>	Dog's mercury			
<i>Salix species</i>	Willow species					<i>Milium effusum</i>	Wood millet			
<i>Salix viminalis</i>	Osier					<i>Oncidium mascula</i>	Early purple orchid			
<i>Sambucus nigra</i>	Elder	F	R		O	<i>Oxalis acetosella</i>	Wood sorrel			
Sub-totals		6	7	5		<i>Paris quadrifolia</i>	Herb Paris			
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR		
<i>Sorbus aucuparia</i>	Rowan					<i>Phyllitis scolopendrium</i>	Hart's tongue			
<i>Sorbus species</i>	Whitebeam species					<i>Poa nemoralis</i>	Wood meadow-grass			
<i>Sorbus torminalis</i>	Wild service tree					<i>Polypodium vulgare</i>	Common polypody			
<i>Taxus baccata</i>	Yew					<i>Polystichum aculeatum</i>	Hard shield fern			
<i>Tilia platyphyllos</i>	Large-leaved lime					<i>Polystichum setiferum</i>	Soft shield fern			
<i>Ulex europaeus</i>	Gorse					<i>Potentilla sterilis</i>	Barren strawberry			
<i>Ulmus species</i>	Elm species			R	R	<i>Primula elatior</i>	Oxlip			
<i>Viburnum lantana</i>	Wayfaring-tree	R			R	<i>Primula vulgaris</i>	Primrose			
<i>Viburnum opulus</i>	Guelder rose					<i>Ranunculus auricomus</i>	Goldlocks buttercup			
						<i>Sanicula europaea</i>	Sanicle			
						<i>Teucrium scorodonia</i>	Wood sage			
						<i>Veronica montana</i>	Wood speedwell			
						<i>Viola odorata</i>	Sweet violet			
Total species for each 30m section		7	7	6		<i>Viola reichenbachiana</i>	Early dog violet			
Average per 30m section					6.66666667	<i>Viola riviniana</i>	Common dog violet			
HEDGEROW ASSESSMENT										
Hedgerow features (taken from Hedgerow Regulations 1997 Part 11 Paragraph 7(4) to (i)).										
(a) A bank or wall which supports the hedgerow along at least half of its length;									Absent	
(b) Gaps which aggregate do not exceed 10% of length of hedgerow;									Present	
(c) Where the length of the hedgerow does not exceed 50m, at least one standard tree; (standard tree >20cm DBH (or 63cm circ) and multistemmed is >15cm DBH (or 47cm circ).									Absent	
(d) Where the length of the hedgerow exceeds 50m but does not exceed 100m, at least 2 standard trees;									Absent	
(e) Where the length of the hedgerow exceeds 100m, such number of standard trees (within any part of its length) as would when averaged over its total length amount at least one for each 50m;									Absent	
(f) At least 3 woodland species (Schedule 2) within one metre, in any direction, of the outermost edges of the hedgerow;									Absent	
(g) A ditch along at least one half of the length of the hedgerow;									Absent	
(h) Connections scoring 4 points or more in accordance with sub-paragraph (5) 3									Absent	
(i) A parallel hedge within 15m of the hedgerow.									Present	
Total number of features present								2		
Notable shrub or herb species that occur along the length of the entire hedge which are not listed in Schedule 2 or 3										
Sycamore, black bryony, creeping thistle, traveller's joy, common nettle, false oat-grass, ground-ivy, hogweed, cow parsley, ivy, bramble, wild teasel, cleavers, greater burdock.										
Total number of other hedgerows connecting to hedgerow that is subject of survey										
1										
Signs of use by notable fauna										
None observed										
Is the Hedgerow obviously less than 30 years in age?									No	
Does hedge currently support or have desk study records of spp protected in Schedules 1, 5 or 8 of the WaCA, or red data book species for 2007 to date.									No	
Does the hedge include at least 7 woody species (from Schedule 3)									No	
Does the hedge include at least 6 woody species (from Schedule 3) + 3 features listed overleaf?									No	
Does the hedge include at least 6 woody species (from Schedule 3), including native black poplar, small or large lwd lime or service tree?									No	
Does the hedge include at least 5 woody species (from Schedule 3) + 4 features listed overleaf?									No	
Hedge adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic + at least 4 woody species (from Schedule 3) + at least 2 of the features described in (a) to (g) above.									No	
Qualifies as 'IMPORTANT HEDGEROW'?										
No										
Notes										
PHASE 1 HABITAT CODE: J2.1.1. Intact species-poor hedge and trees.										
								Are further surveys needed?	No	

HS1 HEDGEROW SURVEY										
Ecology ID *	Hedgerow 30				Land Parcel Reference		WS33439		Date	28/09/2017
Weather Conditions	cloudy			Surveyor(s)		Phil Newberry, Dave Locke	Transect ID	F001		
Wind	2	Air Temperature (°C)	16	Cloud Cover	8	Rain	0			
Start	Easting (X)	357774			End	Easting (X)	357826			
	Northing (Y)	125569				Northing (Y)	125426			
Total length of hedge section (m)	155			Number of 30m sections to be assessed		2				
Height of hedge (m)	3.5			Width of hedge (m)		2				
Number and length of gaps in hedge (as an overall % of length)					Number of mature trees (>20cm DBH) in total length of hedge					
0					13					
Are there any ditches along the length of the hedge?	No	Orientation of ditch	N/A		Wet or dry Ditch	N/A				
List of Schedule 3 Species for hedgerow assessment within 30m sections.					Schedule 2 species, to be recorded along entire length of hedge (within 1m of outermost edges of the hedgerow)					
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR		
<i>Acer campestre</i>	Field maple	O	F		F	<i>Adoxa moschatellina</i>	Moschatel			
<i>Alnus glutinosa</i>	Alder					<i>Ajuga reptans</i>	Bugle			
<i>Betula pendula</i>	Silver birch					<i>Allium ursinum</i>	Ramsons			
<i>Betula pubescens</i>	Downy birch					<i>Anemone nemorosa</i>	Wood anemone			
<i>Carpinus betulus</i>	Hornbeam					<i>Anum maculatum</i>	Lords-and-ladies			
<i>Cornus sanguinea</i>	Dogwood	F	O		F	<i>Athyrium filix-femina</i>	Lady fern			
<i>Corylus avellana</i>	Hazel					<i>Brachypodium sylvaticum</i>	Wood false-brome	F		
<i>Crataegus laevigata</i>	Midland hawthorn					<i>Bromus ramosus</i>	Hairy brome			
<i>Crataegus monogyna</i>	Hawthorn					<i>Campanula trachelium</i>	Nettle-leaved bellflower			
<i>Daphne laureola</i>	Spurge-laurel					<i>Carex sylvatica</i>	Wood sedge			
<i>Daphne mezereum</i>	Daphne mezereum					<i>Circaea lutetiana</i>	Enchanters nightshade			
<i>Euonymus europaeus</i>	Spindle					<i>Conopodium majus</i>	Pignut			
<i>Fagus sylvatica</i>	Beech					<i>Dryopteris affinis</i>	Scaly male-fern			
<i>Frangula alnus</i>	Alder buckthorn					<i>Dryopteris carthusiana</i>	Narrow buckler fern			
<i>Fraxinus excelsior</i>	Ash	F			O	<i>Dryopteris dilatata</i>	Broad buckler-fern			
<i>Ilex aquifolium</i>	Holly					<i>Dryopteris filix-mas</i>	Male fern			
<i>Ligustrum vulgare</i>	Wild privet	R	R		R	<i>Eupactis helleborine</i>	Broad-leaved helleborine			
<i>Malus sylvestris</i>	Crab apple					<i>Equisetum sylvaticum</i>	Wood horsetail			
<i>Populus alba</i>	White poplar					<i>Euphorbia amygdaloides</i>	Wood spurge			
<i>Populus nigra ssp betulifolia</i>	Black poplar					<i>Festuca gigantea</i>	Giant fescue			
<i>Populus tremula</i>	Aspen					<i>Fragaria vesca</i>	Wild strawberry			
<i>Populus x canescens</i>	Grey poplar					<i>Galium odoratum</i>	Sweet woodruff			
<i>Prunus avium</i>	Wild cherry					<i>Geranium robertianum</i>	Herb Robert			
<i>Prunus spinosa</i>	Blackthorn	A	F		O	<i>Geum urbanum</i>	Wood avens			
<i>Pyrus cordata</i>	Plymouth pear					<i>Hyacinthoides non-scripta</i>	Bluebell			
<i>Pyrus pyrastrer</i>	Wild pear					<i>Lamium galeobdolon</i>	Yellow archangel			
<i>Quercus robur</i>	Pedunculata oak					<i>Lathraea squamaria</i>	Toothwort			
<i>Rhamnus cathartica</i>	Buckthorn					<i>Luzula pilosa</i>	Hairy wood-rush			
<i>Ribes uva-crispa</i>	Gooseberry					<i>Melampyrum pratense</i>	Common cow-wheat			
<i>Rosa species</i>	Rose species	R			R	<i>Mercurialis perennis</i>	Dogs mercury			
<i>Salix species</i>	Willow species					<i>Milium effusum</i>	Wood millet			
<i>Salix viminalis</i>	Osier					<i>Orchis mascula</i>	Early purple orchid			
<i>Sambucus nigra</i>	Elder	O	R		O	<i>Oxalis acetosella</i>	Wood sorrel			
	Sub-totals	7	5	0		<i>Paris quadrifolia</i>	Herb Paris			
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR		
<i>Sorbus aucuparia</i>	Rowan					<i>Phyllitis scolopendrium</i>	Hart's tongue			
<i>Sorbus species</i>	Whitebeam species					<i>Poa nemoralis</i>	Wood meadow-grass			
<i>Sorbus torminalis</i>	Wild service tree					<i>Polypodium vulgare</i>	Common polypody			
<i>Taxus baccata</i>	Yew					<i>Polystichum aculeatum</i>	Hard shield fern			
<i>Tilia platyphyllos</i>	Large-leaved lime					<i>Polystichum setiferum</i>	Soft shield fern			
<i>Ulex europaeus</i>	Gorse					<i>Potentilla sterilis</i>	Barren strawberry			
<i>Ulmus species</i>	Elm species					<i>Primula elatior</i>	Oxlip			
<i>Viburnum lantana</i>	Wayfaring-tree					<i>Primula vulgaris</i>	Primrose			
<i>Viburnum opulus</i>	Gelder rose					<i>Ranunculus auricomus</i>	Goldlocks buttercup			
						<i>Sanicula europaea</i>	Sanicle			
						<i>Teucrium scorodonia</i>	Wood sage			
						<i>Veronica montana</i>	Wood speedwell			
						<i>Viola odorata</i>	Sweet violet			
						<i>Viola reichenbachiana</i>	Early dog violet			
						<i>Viola riviniana</i>	Common dog violet			
	Total species for each 30m section	7	5	0						
	Average per 30m section				6					
HEDGEROW ASSESSMENT										
Hedgerow features (taken from Hedgerow Regulations 1997 Part 11 Paragraph 7(4) to (j)).										
(a) A bank or wall which supports the hedgerow along at least half of its length;								Present		
(b) Gaps which aggregate do not exceed 10% of length of hedgerow;								Present		
(c) Where the length of the hedgerow does not exceed 50m, at least one standard tree; (standard tree >20cm DBH (or 83cm circ) and multistemmed is >15cm DBH (or 47cm circ).								Absent		
(d) Where the length of the hedgerow exceeds 50m but does not exceed 100m, at least 2 standard trees;								Absent		
(e) Where the length of the hedgerow exceeds 100m, such number of standard trees (within any part of its length) as would when averaged over its total length amount at least one for each 50m;								Present		
(f) At least 3 woodland species (Schedule 2) within one metre, in any direction, of the outermost edges of the hedgerow;								Absent		
(g) A ditch along at least one half of the length of the hedgerow;								Absent		
(h) Connections scoring 4 points or more in accordance with sub-paragraph (5) ³								Absent		
(i) A parallel hedge within 15m of the hedgerow.								Absent		
Total number of features present								3		
Notable shrub or herb species that occur along the length of the entire hedge which are not listed in Schedule 2 or 3										
Ivy, cleavers, bristly ox-tongue, stinking iris, bramble, black bryony, red fescue, hedge bedstraw, hazel seedling (within ground flora), traveller's joy, common ragwort, wild carrot, hogweed, bush vetch.										
Total number of other hedgerows connecting to hedgerow that is subject of survey										
1										
Signs of use by notable fauna										
None observed										
Is the Hedgerow obviously less than 30 years in age?								No		
Does hedge currently support or have desk study records of spp protected in Schedules 1, 5 or 8 of the WACA, or red data book species for 2007 to date.								No		
Does the hedge include at least 7 woody species (from Schedule 3)								Yes		
Does the hedge include at least 6 woody species (from Schedule 3) + 3 features listed overleaf?								Yes		
Does the hedge include at least 6 woody species (from Schedule 3), including native black poplar, small or large lvd lime or service tree?								No		
Does the hedge include at least 5 woody species (from Schedule 3) + four features listed overleaf?								No		
Hedge adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic + at least 4 woody species (from Schedule 3) + at least 2 of the features described in (a) to (g) above.								Yes		
Qualifies as 'IMPORTANT HEDGEROW'?								Yes		
Notes										
Hedge comprised of shrubs, young, semi-mature and mature trees. Road (Stear Hill) situated on the east side of the hedge. PHASE 1 HABITAT CODE: J2.3.1 Intact species-rich hedge and trees.										
Are further surveys needed?								No		

HS1 HEDGEROW SURVEY									
Ecology ID	Hedgerow 31			Land Parcel Reference		WS50922		Date	23/11/2017
Weather Conditions	dry and cloudy			Surveyor(s)		Alex Morley, Emma Taylor	Transect ID	F001	
Wind	1	Air Temperature (°C)	11		Cloud Cover	0	Rain	0	
Start	Easting (X)		357672		End	Easting (X)		358036	
	Northing (Y)		125781			Northing (Y)		125891	
Total length of hedge section (m)	210			Number of 30m sections to be assessed		3			
Height of hedge (m)	6			Width of hedge (m)		2.5			
Number and length of gaps in hedge (as an overall % of length)					Number of mature trees (>20cm DBH) in total length of hedge				
0					11				
Are there any ditches along the length of the hedge?		Orientation of ditch		Wet or dry Ditch					
List of Schedule 3 Species for hedgerow assessment within 30m sections.					Schedule 2 species, to be recorded along entire length of hedge (within 1m of outermost edges of the hedgerow)				
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR	
<i>Acer campestre</i>	Field maple	O	O	O		<i>Adoxa moschatellina</i>	Moschatel		
<i>Alnus glutinosa</i>	Alder					<i>Ajuga reptans</i>	Bugle		
<i>Betula pendula</i>	Silver birch					<i>Allium ursinum</i>	Ramsons		
<i>Betula pubescens</i>	Downy birch					<i>Anemone nemorosa</i>	Wood anemone		
<i>Carpinus betulus</i>	Hornbeam					<i>Anum maculatum</i>	Lords-and-ladies		
<i>Cornus sanguinea</i>	Dogwood		R	O		<i>Athyrium filix-femina</i>	Lady fern		
<i>Corylus avellana</i>	Hazel	O				<i>Brachypodium sylvaticum</i>	Wood false-brome		
<i>Cataegus laevigata</i>	Midland hawthorn					<i>Bromus ramosus</i>	Hairy brome		
<i>Cataegus monogyna</i>	Hawthorn	O		R		<i>Campanula trachelium</i>	Nettle-leaved bellflower		
<i>Daphne laureola</i>	Spurge-laurel					<i>Carex sylvatica</i>	Wood sedge		
<i>Daphne mezereum</i>	Daphne mezereon					<i>Circaea lutetiana</i>	Enchanters nightshade		
<i>Euonymus europaeus</i>	Spindle					<i>Conopodium majus</i>	Pignut		
<i>Fagus sylvatica</i>	Beech					<i>Dryopteris affinis</i>	Scaly male-fern		
<i>Frangula alnus</i>	Alder buckthorn					<i>Dryopteris carthusiana</i>	Narrow buckler-fern		
<i>Fraxinus excelsior</i>	Ash		O	R		<i>Dryopteris dilatata</i>	Broad buckler-fern		
<i>Ilex aquifolium</i>	Holly					<i>Dryopteris filix-mas</i>	Male fern		
<i>Ligustrum vulgare</i>	Wild privet	O		R		<i>Epipactis helleborine</i>	Broad-leaved helleborine		
<i>Malus sylvestris</i>	Crab apple					<i>Equisetum sylvaticum</i>	Wood horsetail		
<i>Populus alba</i>	White poplar					<i>Euphorbia amygdalioides</i>	Wood spurge		
<i>Populus nigra ssp betulifolia</i>	Black poplar					<i>Festuca gigantea</i>	Giant fescue		
<i>Populus tremula</i>	Aspen					<i>Fragaria vesca</i>	Wild strawberry		
<i>Populus x canescens</i>	Grey poplar					<i>Galium odoratum</i>	Sweet woodruff		
<i>Prunus avium</i>	Wild cherry					<i>Geranium robertianum</i>	Herb Robert		
<i>Prunus spinosa</i>	Blackthorn	F	O	O		<i>Geum urbanum</i>	Wood aven		
<i>Pyrus cordata</i>	Plymouth pear					<i>Hyacinthoides non-scripta</i>	Bluebell		
<i>Pyrus pyrastrer</i>	Wild pear					<i>Lamium galeobdolon</i>	Yellow archangel		
<i>Quercus robur</i>	Pedunculata oak					<i>Lathraea squamaria</i>	Toothwort		
<i>Rhamnus cathartica</i>	Buckthorn					<i>Luzula pilosa</i>	Hairy wood-rush		
<i>Ribes uva-crispa</i>	Gooseberry					<i>Melanopyrum pratense</i>	Common cow-wheat		
<i>Rosa species</i>	Rose species	R	R			<i>Mercurialis perennis</i>	Dog's mercury		
<i>Salix species</i>	Willow species					<i>Milium effusum</i>	Wood millet		
<i>Salix viminalis</i>	Osier					<i>Orchis mascula</i>	Early purple orchid		
<i>Sambucus nigra</i>	Elder					<i>Oxalis acetosella</i>	Wood sorrel		
Sub-totals						<i>Paris quadrifolia</i>	Herb Paris		
Latin	English				General DAFOR	Latin	English	General DAFOR	
<i>Sorbus aucuparia</i>	Rowan					<i>Phyllitis scolopendrium</i>	Hart's tongue		
<i>Sorbus species</i>	Whitebeam species					<i>Poa nemoralis</i>	Wood meadow-grass		
<i>Sorbus torminalis</i>	Wild service tree					<i>Polypodium vulgare</i>	Common polypody		
<i>Taxus baccata</i>	Yew					<i>Polystichum aculeatum</i>	Hard shield fern		
<i>Tilia platyphyllos</i>	Large-leaved lime					<i>Polystichum setiferum</i>	Soft shield fern		
<i>Ulex europaeus</i>	Gorse					<i>Potentilla sterilis</i>	Barren strawberry		
<i>Ulmus species</i>	Elm species	O	O	O		<i>Primula elatior</i>	Oxlip		
<i>Viburnum lantana</i>	Wayfaring-tree					<i>Primula vulgaris</i>	Primrose		
<i>Viburnum opulus</i>	Guelder rose					<i>Ranunculus auricomus</i>	Goldilocks buttercup		
						<i>Sanicula europaea</i>	Sanicle		
						<i>Teucrium scorodonia</i>	Wood sage		
						<i>Veronica montana</i>	Wood speedwell		
						<i>Viola odorata</i>	Sweet violet		
						<i>Viola reichenbachiana</i>	Early dog violet		
Total species for each 30m section		7	6	7		<i>Viola riviniana</i>	Common dog violet		
Average per 30m section		6.66666667							
HEDGEROW ASSESSMENT									
Hedgerow features (taken from Hedgerow Regulations 1997 Part 11 Paragraph 7(4) to (i)).									
(a) A bank or wall which supports the hedgerow along at least half of its length;								Present	
(b) Gaps which aggregate do not exceed 10% of length of hedgerow;								Absent	
(c) Where the length of the hedgerow does not exceed 50m, at least one standard tree; (standard tree >20cm DBH (or 63cm circ) and multistemmed is >15cm DBH (or 47cm circ).								Present	
(d) Where the length of the hedgerow exceeds 50m but does not exceed 100m, at least 2 standard trees;								Absent	
(e) Where the length of the hedgerow exceeds 100m, such number of standard trees (within any part of its length) as would when averaged over its total length amount at least one for each 50m;								Present	
(f) At least 3 woodland species (Schedule 2) within one metre, in any direction, of the outermost edges of the hedgerow;								Absent	
(g) A ditch along at least one half of the length of the hedgerow;								Present	
(h) Connections scoring 4 points or more in accordance with sub-paragraph (5) ³								Absent	
(i) A parallel hedge within 15m of the hedgerow.								Absent	
Total number of features present								3	
Notable shrub or herb species that occur along the length of the entire hedge which are not listed in Schedule 2 or 3									
None observed									
Total number of other hedgerows connecting to hedgerow that is subject of survey									
1									
Signs of use by notable fauna									
None observed									
Is the Hedgerow obviously less than 30 years in age?								No	
Does hedge currently support or have desk study records of spp protected in Schedules 1, 5 or 8 of the WaCA, or red data book species for 2007 to date.								Unknown	
Does the hedge include at least 7 woody species (from Schedule 3)								Yes	
Does the hedge include at least 6 woody species (from Schedule 3) + 3 features listed overleaf?								Yes	
Does the hedge include at least 6 woody species (from Schedule 3), including native black poplar, small or large lwd lime or service tree?								No	
Does the hedge include at least 5 woody species (from Schedule 3) + four features listed overleaf?								No	
Hedge adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic + at least 4 woody species (from Schedule 3) + at least 2 of the features described in (a) to (g) above.								Yes	
Qualifies as 'IMPORTANT HEDGEROW'?								Yes	
Notes									
Hog weed, ground ivy, stinking irish, hemlock, lesser burdock, travellers joy, white dead nettle - species rich hedge									
Are further surveys needed?								No	

HS1 HEDGEROW SURVEY									
Ecology ID	Hedgerow 32			Land Parcel Reference		W550922		Date	23/11/2017
Weather Conditions	dry and cloudy			Surveyor(s)		AM & ET	Transect ID	F001	
Wind	0	Air Temperature (°C)	11		Cloud Cover	0	Rain	0	
Start	Easting (X)	357945		End	Easting (X)	358166			
	Northing (Y)	125894			Northing (Y)	125509			
Total length of hedge section (m)	190			Number of 30m sections to be assessed			2		
Height of hedge (m)				Width of hedge (m)					
Number and length of gaps in hedge (as an overall % of length)					Number of mature trees (>20cm DBH) in total length of hedge				
0					14				
Are there any ditches along the length of the hedge?			Orientation of ditch			Wet or dry Ditch			
List of Schedule 3 Species for hedgerow assessment within 30m sections.					Schedule 2 species, to be recorded along entire length of hedge (within 1m of outermost edges of the hedgerow)				
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR	
<i>Acer campestre</i>	Field maple	R	O			<i>Adoxa moschatellina</i>	Moschatel		
<i>Alnus glutinosa</i>	Alder					<i>Ajuga reptans</i>	Bugle		
<i>Betula pendula</i>	Silver birch					<i>Allium ursinum</i>	Ramsons		
<i>Betula pubescens</i>	Downy birch					<i>Anemone nemorosa</i>	Wood anemone		
<i>Carpinus betulus</i>	Hornbeam					<i>Arum maculatum</i>	Lords-and-ladies		
<i>Cornus sanguinea</i>	Dogwood	O				<i>Athyrium filix-femina</i>	Lady fern		
<i>Corylus avellana</i>	Hazel					<i>Brachypodium sylvaticum</i>	Wood false-brome		
<i>Crataegus laevigata</i>	Midland hawthorn					<i>Bromus ramosus</i>	Hairy brome		
<i>Crataegus monogyna</i>	Hawthorn					<i>Campanula trachelium</i>	Nettle-leaved bellflower		
<i>Daphne laureola</i>	Spurge-laurel					<i>Carex sylvatica</i>	Wood sedge		
<i>Daphne mezereum</i>	Daphne mezereon					<i>Circaea lutetiana</i>	Enchanters nightshade		
<i>Euonymus europaeus</i>	Spindle					<i>Conopodium majus</i>	Pignut		
<i>Fagus sylvatica</i>	Beech					<i>Dryopteris affinis</i>	Scaly male-fern		
<i>Frangula alnus</i>	Alder buckthorn					<i>Dryopteris carthusiana</i>	Narrow buckler fern		
<i>Fraxinus excelsior</i>	Ash	O	O			<i>Dryopteris dilatata</i>	Broad buckler-fern		
<i>Ilex aquifolium</i>	Holly					<i>Dryopteris filix-mas</i>	Male fern		
<i>Ligustrum vulgare</i>	Wild privet					<i>Epipactis helleborine</i>	Broad-leaved helleborine		
<i>Malus sylvestris</i>	Crab apple					<i>Equisetum sylvaticum</i>	Wood horsetail		
<i>Populus alba</i>	White poplar					<i>Euphorbia amygdaloides</i>	Wood spurge		
<i>Populus nigra ssp betulifolia</i>	Black poplar					<i>Festuca gigantea</i>	Giant fescue		
<i>Populus tremula</i>	Aspen					<i>Fragaria vesca</i>	Wild strawberry		
<i>Populus x canescens</i>	Grey poplar					<i>Galium odoratum</i>	Sweet woodruff		
<i>Prunus avium</i>	Wild cherry					<i>Geranium robertianum</i>	Herb Robert		
<i>Prunus spinosa</i>	Blackthorn	F	O			<i>Geum urbanum</i>	Wood aven		
<i>Pyrus cordata</i>	Plymouth pear					<i>Hyacinthoides non-scripta</i>	Bluebell		
<i>Pyrus pyraster</i>	Wild pear					<i>Lamiumstrum galeobdolon</i>	Yellow archangel		
<i>Quercus robur</i>	Pedunculata oak					<i>Lathraea squararia</i>	Toothwort		
<i>Rhamnus cathartica</i>	Buckthorn					<i>Luzula pilosa</i>	Hairy wood-rush		
<i>Ribes uva-crispa</i>	Gooseberry					<i>Melampyrum pratense</i>	Common cow-wheat		
<i>Rosa species</i>	Rose species	R	O			<i>Mercurialis perennis</i>	Dog's mercury		
<i>Salix species</i>	Willow species					<i>Milium effusum</i>	Wood millet		
<i>Salix viminalis</i>	Osier					<i>Orchis mascula</i>	Early purple orchid		
<i>Sambucus nigra</i>	Elder	R				<i>Oxalis acetosella</i>	Wood sorrel		
Sub-totals						<i>Paris quadrifolia</i>	Herb Paris		
Latin	English				General DAFOR	Latin	English	General DAFOR	
<i>Sorbus aucuparia</i>	Rowan					<i>Phyllitis scolopendrium</i>	Hart's tongue		
<i>Sorbus species</i>	Whitebeam species					<i>Poa nemoralis</i>	Wood meadow-grass		
<i>Sorbus torminalis</i>	Wild service tree					<i>Polypodium vulgare</i>	Common polypody		
<i>Taxus baccata</i>	Yew					<i>Polystichum aculeatum</i>	Hard shield fern		
<i>Tilia platyphyllos</i>	Large-leaved lime					<i>Polystichum satiferum</i>	Soft shield fern		
<i>Ulex europaeus</i>	Gorse					<i>Potentilla sterilis</i>	Barren strawberry		
<i>Ulmus species</i>	Elm species	R	O			<i>Primula elatior</i>	Oxlip		
<i>Viburnum lantana</i>	Wayfaring-tree					<i>Primula vulgaris</i>	Primrose		
<i>Viburnum opulus</i>	Guelder rose					<i>Ranunculus auricomus</i>	Goldlocks buttercup		
						<i>Sanicula europaea</i>	Sanicle		
						<i>Teucrium scorodonia</i>	Wood sage		
						<i>Veronica montana</i>	Wood speedwell		
						<i>Viola odorata</i>	Sweet violet		
						<i>Viola reichenbachiana</i>	Early dog violet		
						<i>Viola riviniana</i>	Common dog violet		
Total species for each 30m section		7	5	0					
Average per 30m section									
HEDGEROW ASSESSMENT									
Hedgerow features (taken from Hedgerow Regulations 1997 Part 11 Paragraph 7(4) to (i)).									
(a) A bank or wall which supports the hedgerow along at least half of its length;								Present	
(b) Gaps which aggregate do not exceed 10% of length of hedgerow;								Absent	
(c) Where the length of the hedgerow does not exceed 50m, at least one standard tree; (standard tree >20cm DBH (or 63cm circ) and multistemmed is >15cm DBH (or 47cm circ).								Absent	
(d) Where the length of the hedgerow exceeds 50m but does not exceed 100m, at least 2 standard trees;								Absent	
(e) Where the length of the hedgerow exceeds 100m, such number of standard trees (within any part of its length) as would when averaged over its total length amount at least one for each 50m;								Absent	
(f) At least 3 woodland species (Schedule 2) within one metre, in any direction, of the outermost edges of the hedgerow;								Absent	
(g) A ditch along at least one half of the length of the hedgerow;								Absent	
(h) Connections scoring 4 points or more in accordance with sub-paragraph (5) ¹								Absent	
(i) A parallel hedge within 15m of the hedgerow.								Absent	
Total number of features present									
Notable shrub or herb species that occur along the length of the entire hedge which are not listed in Schedule 2 or 3									
None observed									
Total number of other hedgerows connecting to hedgerow that is subject of survey									
1									
Signs of use by notable fauna									
None observed									
Is the Hedgerow obviously less than 30 years in age?								No	
Does hedge currently support or have desk study records of spp protected in Schedules 1, 5 or 8 of the WACA, or red data book species for 2007 to date.								Unknown	
Does the hedge include at least 7 woody species (from Schedule 3)								Yes	
Does the hedge include at least 6 woody species (from Schedule 3) + 3 features listed overleaf?								No	
Does the hedge include at least 5 woody species (from Schedule 3), including native black poplar, small or large lrd lime or service tree?								No	
Does the hedge include at least 5 woody species (from Schedule 3) + four features listed overleaf?								No	
Hedge adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic + at least 4 woody species (from Schedule 3) + at least 2 of the features described in (a) to (g) above.								No	
Qualifies as 'IMPORTANT HEDGEROW'?								Yes	
Notes									
Annex badger sett - frequently active along hedge boundary. Hedgerow with woody species									
Are further surveys needed?								No	

HS1 HEDGEROW SURVEY									
Ecology ID	Hedgerow 33			Land Parcel Reference		ST128002		Date	22/11/2017
Weather Conditions	dry and cloudy			Surveyor(s)		Alex Morley, Emma Taylor	Transect ID	F001	
Wind	5	Air Temperature (°C)	15	Cloud Cover	8	Rain	1		
Start	Easting (X)	358082			End	Easting (X)	358562		
	Northing (Y)	125724				Northing (Y)	125788		
Total length of hedge section (m)				Number of 30m sections to be assessed					
Height of hedge (m)	2.5			Width of hedge (m)		1.5			
Number and length of gaps in hedge (as an overall % of length)				Number of mature trees (>20cm DBH) in total length of hedge					
8				1					
Are there any ditches along the length of the hedge?	Yes	Orientation of ditch	S		Wet or dry Ditch	Dry			
List of Schedule 3 Species for hedgerow assessment within 30m sections.					Schedule 2 species, to be recorded along entire length of hedge (within 1m of outermost edges of the hedgerow)				
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR	
<i>Acer campestre</i>	Field maple		O	F		<i>Adoxa moschatellina</i>	Moschatel		
<i>Alnus glutinosa</i>	Alder					<i>Ajuga reptans</i>	Bugle		
<i>Betula pendula</i>	Silver birch					<i>Allium ursinum</i>	Ranunculus		
<i>Betula pubescens</i>	Downy birch					<i>Anemone nemorosa</i>	Wood anemone		
<i>Carpinus betulus</i>	Hornbeam					<i>Anem maculatum</i>	Lords-and-ladies		
<i>Cornus sanguinea</i>	Dogwood		O	R		<i>Athyrium filix-femina</i>	Lady fern		
<i>Corylus avellana</i>	Hazel					<i>Brachypodium sylvaticum</i>	Wood false-brome		
<i>Crataegus laevigata</i>	Midland hawthorn					<i>Bromus ramosus</i>	Hairy brome		
<i>Crataegus monogyna</i>	Hawthorn	R				<i>Campanula trachelium</i>	Nettle-leaved bellflower		
<i>Daphne laureola</i>	Spurge-laurel					<i>Carex sylvatica</i>	Wood sedge		
<i>Daphne mezereum</i>	Daphne mezereum					<i>Circaea lutetiana</i>	Enchanters nightshade		
<i>Euonymus europaeus</i>	Spindle			R		<i>Conopodium majus</i>	Pignut		
<i>Fagus sylvatica</i>	Beech					<i>Dryopteris affinis</i>	Scaly male-fern		
<i>Frangula alnus</i>	Alder buckthorn					<i>Dryopteris carthusiana</i>	Narrow buckler fern		
<i>Fraxinus excelsior</i>	Ash					<i>Dryopteris dilatata</i>	Broad buckler-fern		
<i>Ilex aquifolium</i>	Holly					<i>Dryopteris filix-mas</i>	Male fern		
<i>Ligustrum vulgare</i>	Wild privet		O			<i>Epipactis helleborine</i>	Broad-leaved helleborine		
<i>Malus sylvestris</i>	Crab apple	R				<i>Equisetum sylvaticum</i>	Wood horsetail		
<i>Populus alba</i>	White poplar					<i>Euphorbia amygdaloides</i>	Wood spurge		
<i>Populus nigra ssp betulifolia</i>	Black poplar					<i>Festuca gigantea</i>	Giant fescue		
<i>Populus tremula</i>	Aspen					<i>Fragaria vesca</i>	Wild strawberry		
<i>Populus x canescens</i>	Grey poplar					<i>Galium odoratum</i>	Sweet woodruff		
<i>Prunus avium</i>	Wild cherry					<i>Geranium robertianum</i>	Herb Robert		
<i>Prunus spinosa</i>	Blackthorn	F	O			<i>Geum urbanum</i>	Wood avens		
<i>Pyrus cordata</i>	Plymouth pear					<i>Hyacinthoides non-scripta</i>	Bluebell		
<i>Pyrus pyrastier</i>	Wild pear					<i>Lamium galeobdolon</i>	Yellow archangel		
<i>Quercus robur</i>	Pedunculata oak					<i>Lathraea squamaria</i>	Toothwort		
<i>Rhamnus cathartica</i>	Buckthorn					<i>Luzula pilosa</i>	Hairy wood-rush		
<i>Ribes uva-crispa</i>	Gooseberry					<i>Melampyrum pratense</i>	Common cow-wheat		
<i>Rosa species</i>	Rose species		O			<i>Mercurialis perennis</i>	Dog's mercury		
<i>Salix species</i>	Willow species					<i>Milium effusum</i>	Wood millet		
<i>Salix viminalis</i>	Osier					<i>Orchis mascula</i>	Early purple orchid		
<i>Sambucus nigra</i>	Elder	O				<i>Oxalis acetosella</i>	Wood sorrel		
Sub-totals		4	5	4		<i>Paris quadrifolia</i>	Herb Paris		
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR	
<i>Sorbus aucuparia</i>	Rowan					<i>Phyllitis scolopendrium</i>	Hart's tongue		
<i>Sorbus species</i>	Whitebeam species					<i>Poa nemoralis</i>	Wood meadow-grass		
<i>Sorbus torminalis</i>	Wild service tree					<i>Polypodium vulgare</i>	Common polypody		
<i>Taxus baccata</i>	Yew					<i>Polystichum aculeatum</i>	Hard shield fern		
<i>Tilia platyphyllos</i>	Large-leaved lime					<i>Polystichum setiferum</i>	Soft shield fern		
<i>Ulex europaeus</i>	Gorse					<i>Potentilla sterilis</i>	Barren strawberry		
<i>Ulmus species</i>	Elm species	F	O	R		<i>Primula elatior</i>	Oxlip		
<i>Viburnum lantana</i>	Wayfaring-tree					<i>Primula vulgaris</i>	Primrose		
<i>Viburnum opulus</i>	Gelder rose					<i>Ranunculus auricomus</i>	Goldlocks buttercup		
						<i>Sanicula europaea</i>	Sanicle		
						<i>Teucrium scorodonia</i>	Wood sage		
						<i>Veronica montana</i>	Wood speedwell		
						<i>Viola odorata</i>	Sweet violet		
						<i>Viola reichenbachiana</i>	Early dog violet		
						<i>Viola riviniana</i>	Common dog violet		
Total species for each 30m section		5	6	5					
Average per 30m section					5.33333333				
HEDGEROW ASSESSMENT									
Hedgerow features (taken from Hedgerow Regulations 1997 Part 11 Paragraph 7(4) to (j)).									
(a) A bank or wall which supports the hedgerow along at least half its length;									Absent
(b) Gaps which aggregate do not exceed 10% of length of hedgerow;									Present
(c) Where the length of the hedgerow does not exceed 50m, at least one standard tree; (standard tree >20cm DBH (or 63cm circ) and multitemmed is >15cm DBH (or 47cm circ).									Absent
(d) Where the length of the hedgerow exceeds 50m but does not exceed 100m, at least 2 standard trees;									Absent
(e) Where the length of the hedgerow exceeds 100m, such number of standard trees (within any part of its length) as would when averaged over its total length amount at least one for each 50m;									Absent
(f) At least 3 woodland species (Schedule 2) within one metre, in any direction, of the outermost edges of the hedgerow;									Absent
(g) A ditch along at least one half of the length of the hedgerow;									Present
(h) Connections scoring 4 points or more in accordance with sub-paragraph (5) ¹									Absent
(i) A parallel hedge within 15m of the hedgerow.									Absent
Total number of features present								2	
Notable shrub or herb species that occur along the length of the entire hedge which are not listed in Schedule 2 or 3									
None observed									
Total number of other hedgerows connecting to hedgerow that is subject of survey									
1									
Signs of use by notable fauna									
None observed									
Is the Hedgerow obviously less than 30 years in age?									No
Does hedge currently support or have desk study records of spp protected in Schedules 1, 5 or 8 of the WACA, or red data book species for 2007 to date.									Unknown
Does the hedge include at least 7 woody species (from Schedule 3)									Yes
Does the hedge include at least 6 woody species (from Schedule 3) + 3 features listed overleaf?									No
Does the hedge include at least 6 woody species (from Schedule 3), including native black poplar, small or large lvd lime or service tree?									No
Does the hedge include at least 5 woody species (from Schedule 3) + 4 features listed overleaf?									No
Hedge adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic + at least 4 woody species (from Schedule 3) + at least 2 of the features described in (a) to (g) above.									No
Qualifies as 'IMPORTANT HEDGEROW'?								Yes	
Notes									
ly, cleavers, nettle, hedge, wood word, travelers jo - Phase 1 habitat classification J2.1									
Are further surveys needed?								No	

HS1 HEDGEROW SURVEY									
Ecology ID	Hedgerow 34			Land Parcel Reference		ST128002		Date	22/11/2017
Weather Conditions	dry and cloudy			Surveyor(s)		AM & ET	Transect ID		
Wind	3	Air Temperature (°C)	15		Cloud Cover	8	Rain	0	
Start	Easting (X)				End	Easting (X)			
	Northing (Y)					Northing (Y)			
Total length of hedge section (m)	130			Number of 30m sections to be assessed			2		
Height of hedge (m)				Width of hedge (m)			1		
Photo References ²									
Number and length of gaps in hedge (as an overall % of length)					Number of mature trees (>20cm DBH) in total length of hedge				
20					0				
Are there any ditches along the length of the hedge?	No		Orientation of ditch				Wet or dry Ditch		
List of Schedule 3 Species for hedgerow assessment within 30m sections.					Schedule 2 species, to be recorded along entire length of hedge (within 1m of outermost edges of the hedgerow)				
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR	
<i>Acer campestre</i>	Field maple	R	O			<i>Adoxa moschatellina</i>	Moschatel		
<i>Alnus glutinosa</i>	Alder					<i>Ajuga reptans</i>	Bugle		
<i>Betula pendula</i>	Silver birch					<i>Allium ursinum</i>	Ramsons		
<i>Betula pubescens</i>	Downy birch					<i>Anemone nemorosa</i>	Wood anemone		
<i>Carpinus betulus</i>	Hornbeam					<i>Arum maculatum</i>	Lords-and-ladies		
<i>Cornus sanguinea</i>	Dogwood	R	R			<i>Athyrium filix-femina</i>	Lady fern		
<i>Corylus avellana</i>	Hazel					<i>Brachypodium sylvaticum</i>	Wood false-brome		
<i>Crataegus laevigata</i>	Midland hawthorn					<i>Bromus ramosus</i>	Hairy brome		
<i>Crataegus monogyna</i>	Hawthorn	O	O			<i>Campanula trachelium</i>	Nettle-leaved bellflower		
<i>Daphne laureola</i>	Spurge-laurel					<i>Carex sylvatica</i>	Wood sedge		
<i>Daphne mezereum</i>	Daphne mezereon					<i>Circaea lutetiana</i>	Enchanters nightshade		
<i>Euonymus europaeus</i>	Spindle					<i>Conopodium majus</i>	Pignut		
<i>Fagus sylvatica</i>	Beech					<i>Dryopteris affinis</i>	Scaly male-fern		
<i>Frangula alnus</i>	Alder buckthorn					<i>Dryopteris carthusiana</i>	Narrow buckler fern		
<i>Fraxinus excelsior</i>	Ash					<i>Dryopteris dilatata</i>	Broad buckler-fern		
<i>Ilex aquifolium</i>	Holly					<i>Dryopteris filix-mas</i>	Male fern		
<i>Ligustrum vulgare</i>	Wild privet					<i>Epipactis helleborine</i>	Broad-leaved helleborine		
<i>Malus sylvestris</i>	Crab apple					<i>Equisetum sylvaticum</i>	Wood horsetail		
<i>Populus alba</i>	White poplar					<i>Euphorbia amygdaloides</i>	Wood spurge		
<i>Populus nigra ssp. betulifolia</i>	Black poplar					<i>Festuca gigantea</i>	Giant fescue		
<i>Populus tremula</i>	Aspen					<i>Fragaria vesca</i>	Wild strawberry		
<i>Populus x canescens</i>	Grey poplar					<i>Galium odoratum</i>	Sweet woodruff		
<i>Prunus avium</i>	Wild cherry					<i>Geranium robertianum</i>	Herb Robert		
<i>Prunus spinosa</i>	Blackthorn	R	R			<i>Geum urbanum</i>	Wood anem		
<i>Pyrus cordata</i>	Plymouth pear					<i>Hyacinthoides non-scripta</i>	Bluebell		
<i>Pyrus pyraeaster</i>	Wild pear					<i>Lamium galicobdolon</i>	Yellow archangel		
<i>Quercus robur</i>	Pedunculata oak		R			<i>Lathraea squamaria</i>	Toothwort		
<i>Rhamnus cathartica</i>	Buckthorn					<i>Luzula pilosa</i>	Hairy wood-rush		
<i>Ribes uva-crispa</i>	Goswberry					<i>Melanampyrum pratense</i>	Common cow-wheat		
<i>Rosa species</i>	Rose species					<i>Mercurialis perennis</i>	Dog's mercury		
<i>Salix species</i>	Willow species					<i>Milium effusum</i>	Wood millet		
<i>Salix viminalis</i>	Osier					<i>Orchis mascula</i>	Early purple orchid		
<i>Sambucus nigra</i>	Elder					<i>Oxalis acetosella</i>	Wood sorrel		
	Sub-totals	4	5	0		<i>Paris quadrifolia</i>	Herb Paris		
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR	
<i>Sorbus aucuparia</i>	Rowan					<i>Phyllitis scolopendrium</i>	Hart's tongue		
<i>Sorbus species</i>	Whitebeam species					<i>Poa nemoralis</i>	Wood meadow-grass		
<i>Sorbus torminalis</i>	Wild service tree					<i>Polypodium vulgare</i>	Common polypody		
<i>Taxus baccata</i>	Yew					<i>Polystichum aculeatum</i>	Hard shield fern		
<i>Tilia platyphyllos</i>	Large-leaved lime					<i>Polystichum setiferum</i>	Soft shield fern		
<i>Ulex europaeus</i>	Gorse					<i>Potentilla sterilis</i>	Barren strawberry		
<i>Ulmus species</i>	Elm species	R	R			<i>Primula elatior</i>	Oxlip		
<i>Viburnum lantana</i>	Wayfaring-tree					<i>Primula vulgaris</i>	Primrose		
<i>Viburnum opulus</i>	Guelder rose					<i>Ranunculus auricomus</i>	Goldlocks buttercup		
						<i>Sanicula europaea</i>	Sanicle		
						<i>Teucrium scorodonia</i>	Wood sage		
						<i>Veronica montana</i>	Wood speedwell		
						<i>Viola odorata</i>	Sweet violet		
						<i>Viola reichenbachiana</i>	Early dog violet		
						<i>Viola riviniana</i>	Common dog violet		
HEDGEROW ASSESSMENT									
Hedgerow features (taken from Hedgerow Regulations 1997 Part 11 Paragraph 7(4) to (i)).									
(a) A bank or wall which supports the hedgerow along at least half of its length;								Absent	
(b) Gaps which aggregate do not exceed 10% of length of hedgerow;								Absent	
(c) Where the length of the hedgerow does not exceed 50m, at least one standard tree, (standard tree >20cm DBH (or 63cm circ) and multitermed is >15cm DBH (or 47cm circ).								Absent	
(d) Where the length of the hedgerow exceeds 50m but does not exceed 100m, at least 2 standard trees;								Absent	
(e) Where the length of the hedgerow exceeds 100m, such number of standard trees (within any part of its length) as would when averaged over its total length amount at least one for each 50m;								Absent	
(f) At least 3 woodland species (Schedule 2) within one metre, in any direction, of the outermost edges of the hedgerow;								Absent	
(g) A ditch along at least one half of the length of the hedgerow;								Absent	
(h) Connections scoring 4 points or more in accordance with sub-paragraph (5) ¹								Absent	
(i) A parallel hedge within 15m of the hedgerow.								Absent	
Total number of features present								Absent	
Notable shrub or herb species that occur along the length of the entire hedge which are not listed in Schedule 2 or 3									
None observed									
Total number of other hedgerows connecting to hedgerow that is subject of survey									
2									
Signs of use by notable fauna									
None observed									
Is the Hedgerow obviously less than 30 years in age?								Yes	
Does hedge currently support or have desk study records of spp protected in Schedules 1, 5 or 8 of the WaCA, or red data book species for 2007 to date.								No	
Does the hedge include at least 7 woody species (from Schedule 3)								No	
Does the hedge include at least 6 woody species (from Schedule 3) + 3 features listed overleaf?								No	
Does the hedge include at least 6 woody species (from Schedule 3), including native black poplar, small or large hd lime or service tree?								No	
Does the hedge include at least 5 woody species (from Schedule 3) + four features listed overleaf?								No	
Hedge adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic + at least 4 woody species (from Schedule 3) + at least 2 of the features described in (a) to (g) above.								No	
Qualifies as 'IMPORTANT HEDGEROW'?								No	
Notes									
cow parsley , nettle , cleavers , hedgrow newly planted - disjunct hedge (2-something)									
								Are further surveys needed?	
								No	

HS1 HEDGEROW SURVEY									
Ecology ID	Hedgerow 35			Land Parcel Reference		ST128002		Date	22/11/2017
Weather Conditions	Windy and mild			Surveyor(s)		Alex Morley, Emma Taylor	Transect ID	F001	
Wind	4	Air Temperature (°C)	16		Cloud Cover	8	Rain	0	
Start	Easting (X)	358830			End	Easting (X)	358800		
	Northing (Y)	125817				Northing (Y)	125926		
Total length of hedge section (m)	144m			Number of 30m sections to be assessed		2			
Height of hedge (m)	3m			Width of hedge (m)		2.5m			
Number and length of gaps in hedge (as an overall % of length)					Number of mature trees (>20cm DBH) in total length of hedge				
1					6				
Are there any ditches along the length of the hedge?	Yes	Orientation of ditch	E		Wet or dry Ditch	Wet			
List of Schedule 3 Species for hedgerow assessment within 30m sections.					Schedule 2 species, to be recorded along entire length of hedge (within 1m of outermost edges of the hedgerow)				
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR	
<i>Acer campestre</i>	Field maple					<i>Adoxa moschatellina</i>	Moschatel		
<i>Alnus glutinosa</i>	Alder					<i>Ajuga reptans</i>	Bugle		
<i>Betula pendula</i>	Silver birch					<i>Allium ursinum</i>	Ramsons		
<i>Betula pubescens</i>	Downy birch					<i>Anemone nemorosa</i>	Wood anemone		
<i>Carpinus betulus</i>	Hornbeam					<i>Anemone nemorosa</i>	Lords-and-ladies		
<i>Cornus sanguinea</i>	Dogwood					<i>Athyrium filix-femina</i>	Lady fern		
<i>Corylus avellana</i>	Hazel					<i>Brachypodium sylvaticum</i>	Wood false-brome		
<i>Crataegus laevigata</i>	Midland hawthorn					<i>Bromus ramosus</i>	Hairy brome	R	
<i>Crataegus monogyna</i>	Hawthorn		R		R	<i>Campanula trachelium</i>	Nettle-leaved bellflower		
<i>Daphne laureola</i>	Spurge-laurel					<i>Carex sylvatica</i>	Wood sedge		
<i>Daphne mezereum</i>	Daphne mezereum					<i>Circaea lutetiana</i>	Enchanters nightshade		
<i>Euonymus europaeus</i>	Spindle					<i>Conopodium majus</i>	Pignut		
<i>Fagus sylvatica</i>	Beech					<i>Dryopteris affinis</i>	Scaly male-fern		
<i>Frangula alnus</i>	Alder buckthorn					<i>Dryopteris carthusiana</i>	Narrow buckler fern		
<i>Fraxinus excelsior</i>	Ash		R		R	<i>Dryopteris dilatata</i>	Broad buckler-fern		
<i>Ilex aquifolium</i>	Holly					<i>Dryopteris filix-mas</i>	Male fern		
<i>Ligustrum vulgare</i>	Wild privet		R		R	<i>Epipactis helleborine</i>	Broad-leaved helleborine		
<i>Malus sylvestris</i>	Crab apple					<i>Equisetum sylvaticum</i>	Wood horsetail	R	
<i>Populus alba</i>	White poplar					<i>Euphorbia amygdaloides</i>	Wood spurge		
<i>Populus nigra ssp betulifolia</i>	Black poplar					<i>Festuca gigantea</i>	Giant fescue		
<i>Populus tremula</i>	Aspen					<i>Fragaria vesca</i>	Wild strawberry		
<i>Populus x canescens</i>	Grey poplar					<i>Galium odoratum</i>	Sweet woodruff		
<i>Prunus avium</i>	Wild cherry					<i>Geranium robertianum</i>	Herb Robert	R	
<i>Prunus spinosa</i>	Blackthorn					<i>Geum urbanum</i>	Wood aven		
<i>Pyrus cordata</i>	Plymouth pear					<i>Hyacinthoides non-scripta</i>	Bluebell		
<i>Pyrus pyrastrer</i>	Wild pear					<i>Lamium galeobdolon</i>	Yellow archangel		
<i>Quercus robur</i>	Pedunculata oak					<i>Lathraea squamaria</i>	Toothwort		
<i>Rhamnus cathartica</i>	Buckthorn					<i>Luzula pilosa</i>	Hairy wood-rush		
<i>Ribes uva-crispa</i>	Gooseberry					<i>Melampyrum pratense</i>	Common cow-wheat		
<i>Rosa species</i>	Rose species	O	O		O	<i>Mercurialis perennis</i>	Dog's mercury		
<i>Salix species</i>	Willow species					<i>Milium effusum</i>	Wood millet		
<i>Salix viminalis</i>	Osier					<i>Orchis mascula</i>	Early purple orchid		
<i>Sambucus nigra</i>	Elder	O	R		R	<i>Oxalis acetosella</i>	Wood sorrel		
	Sub-totals	2	5			<i>Paris quadrifolia</i>	Herb Paris		
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR	
<i>Sorbus aucuparia</i>	Rowan					<i>Phyllitis scolopendrium</i>	Hart's tongue		
<i>Sorbus species</i>	Whitebeam species					<i>Poa nemoralis</i>	Wood meadow-grass		
<i>Sorbus torminalis</i>	Wild service tree					<i>Polypodium vulgare</i>	Common polypody		
<i>Taxus baccata</i>	Yew					<i>Polystichum aculeatum</i>	Hard shield fern		
<i>Tilia platyphyllos</i>	Large-leaved lime					<i>Polystichum setiferum</i>	Soft shield fern		
<i>Ulex europaeus</i>	Gorse					<i>Potentilla sterilis</i>	Barren strawberry		
<i>Ulmus species</i>	Elm species	R	O		R	<i>Primula elatior</i>	Oxlip		
<i>Viburnum lantana</i>	Wayfaring-tree					<i>Primula vulgaris</i>	Primrose		
<i>Viburnum opulus</i>	Guelder rose					<i>Ranunculus auricomus</i>	Goldlocks buttercup		
						<i>Sanicula europaea</i>	Sanicle		
						<i>Teucrium scorodonia</i>	Wood sage		
						<i>Veronica montana</i>	Wood speedwell		
						<i>Viola odorata</i>	Sweet violet		
						<i>Viola reichenbachiana</i>	Early dog violet		
						<i>Viola riviniana</i>	Common dog violet		
	Total species for each 30m section	3	6	0					
	Average per 30m section				3				
HEDGEROW ASSESSMENT									
Hedgerow features (taken from Hedgerow Regulations 1997 Part 11 Paragraph 7(4) to (i)).									
(a) A bank or wall which supports the hedgerow along at least half of its length;								Absent	
(b) Gaps which aggregate do not exceed 10% of length of hedgerow;								Present	
(c) Where the length of the hedgerow does not exceed 50m, at least one standard tree; (standard tree >20cm DBH (or 63cm circ) and multistemmed is >15cm DBH (or 47cm circ).								Absent	
(d) Where the length of the hedgerow exceeds 50m but does not exceed 100m, at least 2 standard trees;								Absent	
(e) Where the length of the hedgerow exceeds 100m, such number of standard trees (within any part of its length) as would when averaged over its total length amount at least one for each 50m;								Present	
(f) At least 3 woodland species (Schedule 2) within one metre, in any direction, of the outermost edges of the hedgerow;								Absent	
(g) A ditch along at least one half of the length of the hedgerow;								Present	
(h) Connections scoring 4 points or more in accordance with sub-paragraph (5) ³								Absent	
(i) A parallel hedge within 15m of the hedgerow.								Absent	
Total number of features present								3	
Notable shrub or herb species that occur along the length of the entire hedge which are not listed in Schedule 2 or 3									
None observed									
Total number of other hedgerows connecting to hedgerow that is subject of survey									
2									
Signs of use by notable fauna									
None observed									
Is the Hedgerow obviously less than 30 years in age?								No	
Does hedge currently support or have desk study records of spp protected in Schedules 1, 5 or 8 of the WaCA, or red data book species for 2007 to date.								Unknown	
Does the hedge include at least 7 woody species (from Schedule 3)								No	
Does the hedge include at least 6 woody species (from Schedule 3) + 3 features listed overleaf?								Yes	
Does the hedge include at least 6 woody species (from Schedule 3), including native black poplar, small or large lrd lime or service tree?								no	
Does the hedge include at least 5 woody species (from Schedule 3) + four features listed overleaf?								no	
Hedge adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic + at least 4 woody species (from Schedule 3) + at least 2 of the features described in (a) to (g) above.								Yes	
Qualifies as 'IMPORTANT HEDGEROW'?								Yes	
Notes									
PHASE 1 HABITAT CLASSIFICATION = J2.3 bramble, ground ivy, sycamore, white bryony, hedge woundwort.									
Are further surveys needed?								No	

HS1 HEDGEROW SURVEY										
Ecology ID	Hedgerow 36			Land Parcel Reference		ST128002		Date	22/11/2017	
Weather Conditions	mild, windy			Surveyor(s)		Alex Morley, Emma Taylor	Transect ID	F001		
Wind	5	Air Temperature (°C)	16		Cloud Cover	8	Rain	0		
Start	Easting (X)		358894		End	Easting (X)		358827		
	Northing (Y)		125792			Northing (Y)		125763		
Total length of hedge section (m)	95m			Number of 30m sections to be assessed			1			
Height of hedge (m)	4.5m			Width of hedge (m)			3m			
Number and length of gaps in hedge (as an overall % of length)					Number of mature trees (>20cm DBH) in total length of hedge					
0					6					
Are there any ditches along the length of the hedge?	No		Orientation of ditch	N/A		Wet or dry Ditch	N/A			
List of Schedule 3 Species for hedgerow assessment within 30m sections.					Schedule 2 species, to be recorded along entire length of hedge (within 1m of outermost edges of the hedgerow)					
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR		
<i>Acer campestre</i>	Field maple					<i>Adoxa moschatellina</i>	Moschatel			
<i>Alnus glutinosa</i>	Alder					<i>Ajuga reptans</i>	Bugle			
<i>Betula pendula</i>	Silver birch					<i>Allium ursinum</i>	Ramsons			
<i>Betula pubescens</i>	Downy birch					<i>Anemone nemorosa</i>	Wood anemone			
<i>Carpinus betulus</i>	Hornbeam					<i>Arum maculatum</i>	Lords-and-ladies			
<i>Cornus sanguinea</i>	Dogwood					<i>Athyrium filix-femina</i>	Lady fern			
<i>Corylus avellana</i>	Hazel					<i>Brachypodium sylvaticum</i>	Wood false-brome			
<i>Crataegus laevigata</i>	Midland hawthorn					<i>Bromus ramosus</i>	Hairy brome	O		
<i>Crataegus monogyna</i>	Hawthorn	R				<i>Campanula trachelium</i>	Nettle-leaved bellflower			
<i>Daphne laureola</i>	Spurge-laurel					<i>Carex sylvatica</i>	Wood sedge			
<i>Daphne mezereum</i>	Daphne mezereum					<i>Ciccaea luteiana</i>	Enchanters nightshade			
<i>Euonymus europaeus</i>	Spindle					<i>Conopodium majus</i>	Pignut			
<i>Fagus sylvatica</i>	Beech					<i>Dryopteris affinis</i>	Scaly male-fern			
<i>Frangula alnus</i>	Alder buckthorn					<i>Dryopteris carthusiana</i>	Narrow buckler fern			
<i>Fraxinus excelsior</i>	Ash					<i>Dryopteris dilatata</i>	Broad buckler-fern			
<i>Ilex aquifolium</i>	Holly					<i>Dryopteris filix-mas</i>	Male fern			
<i>Ligustrum vulgare</i>	Wild privet	O				<i>Epipactis helleborine</i>	Broad-leaved helleborine			
<i>Malus sylvestris</i>	Crab apple					<i>Equisetum sylvaticum</i>	Wood horsetail			
<i>Populus alba</i>	White poplar					<i>Euphorbia amygdaloides</i>	Wood spurge			
<i>Populus nigra ssp betulifolia</i>	Black poplar					<i>Festuca gigantea</i>	Giant fescue			
<i>Populus tremula</i>	Aspen					<i>Fragaria vesca</i>	Wild strawberry			
<i>Populus x canescens</i>	Grey poplar					<i>Galium odoratum</i>	Sweet woodruff			
<i>Prunus avium</i>	Wild cherry					<i>Geranium robertianum</i>	Herb Robert			
<i>Prunus spinosa</i>	Blackthorn	R				<i>Geum urbanum</i>	Wood aven			
<i>Pyrus cordata</i>	Plymouth pear					<i>Hyacinthoides non-scripta</i>	Bluebell			
<i>Pyrus pyramidalis</i>	Wild pear					<i>Lamium galeobdolon</i>	Yellow archangel			
<i>Quercus robur</i>	Pedunculata oak					<i>Lathraea squamaria</i>	Toothwort			
<i>Rhamnus cathartica</i>	Buckthorn					<i>Luzula pilosa</i>	Hairy wood-rush			
<i>Ribes uva-crispa</i>	Gooseberry					<i>Melampyrum pratense</i>	Common cow-wheat			
<i>Rosa species</i>	Rose species	R				<i>Mercurialis perennis</i>	Dog's mercury			
<i>Salix species</i>	Willow species					<i>Milium effusum</i>	Wood millet			
<i>Salix viminalis</i>	Osier					<i>Orchis mascula</i>	Early purple orchid			
<i>Sambucus nigra</i>	Elder	R				<i>Oxalis acetosella</i>	Wood sorrel			
	Sub-totals	5				<i>Paris quadrifolia</i>	Herb Paris			
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR		
<i>Sorbus aucuparia</i>	Rowan					<i>Phyllitis scolopendrium</i>	Hart's tongue			
<i>Sorbus species</i>	Whitebeam species					<i>Poa nemoralis</i>	Wood meadow-grass			
<i>Sorbus torminalis</i>	Wild service tree					<i>Polypodium vulgare</i>	Common polypody			
<i>Taxus baccata</i>	Yew					<i>Polystichum aculeatum</i>	Hard shield fern			
<i>Tilia platyphyllos</i>	Large-leaved lime					<i>Polystichum setiferum</i>	Soft shield fern			
<i>Ulex europaeus</i>	Gorse					<i>Potentilla sterilis</i>	Barren strawberry			
<i>Ulmus species</i>	Elm species	O				<i>Primula elatior</i>	Oxlip			
<i>Viburnum lantana</i>	Wayfaring-tree					<i>Primula vulgaris</i>	Primrose			
<i>Viburnum opulus</i>	Guelder rose					<i>Ranunculus auricomus</i>	Goldlocks buttercup			
						<i>Sanicula europaea</i>	Sanicle			
						<i>Teucrium scorodonia</i>	Wood sage			
						<i>Veronica montana</i>	Wood speedwell			
						<i>Viola odorata</i>	Sweet violet			
						<i>Viola reichenbachiana</i>	Early dog violet			
						<i>Viola riviniana</i>	Common dog violet			
Total species for each 30m section		6	0	0						
Average per 30m section					2					
HEDGEROW ASSESSMENT										
Hedgerow features (taken from Hedgerow Regulations 1997 Part 11 Paragraph 7(4) to (j)).										
(a) A bank or wall which supports the hedgerow along at least half of its length;								Present		
(b) Gaps which aggregate do not exceed 10% of length of hedgerow;								Absent		
(c) Where the length of the hedgerow does not exceed 50m, at least one standard tree; (standard tree >20cm DBH (or 63cm circ) and multitemmed is >15cm DBH (or 47cm circ).								Absent		
(d) Where the length of the hedgerow exceeds 50m but does not exceed 100m, at least 2 standard trees;								Present		
(e) Where the length of the hedgerow exceeds 100m, such number of standard trees (within any part of its length) as would when averaged over its total length amount at least one for each 50m;								Present		
(f) At least 3 woodland species (Schedule 2) within one metre, in any direction, of the outermost edges of the hedgerow;								Absent		
(g) A ditch along at least one half of the length of the hedgerow;								Present		
(h) Connections scoring 4 points or more in accordance with sub-paragraph (5) ¹								Absent		
(i) A parallel hedge within 15m of the hedgerow.								Absent		
Total number of features present								4		
Notable shrub or herb species that occur along the length of the entire hedge which are not listed in Schedule 2 or 3										
None observed										
Total number of other hedgerows connecting to hedgerow that is subject of survey										
2										
Signs of use by notable fauna										
None observed										
Is the Hedgerow obviously less than 30 years in age?										No
Does hedge currently support or have desk study records of spp protected in Schedules 1, 5 or 8 of the WaCA, or red data book species for 2007 to date.										Unknown
Does the hedge include at least 7 woody species (from Schedule 3)										No
Does the hedge include at least 6 woody species (from Schedule 3) + 3 features listed overleaf?										Yes
Does the hedge include at least 6 woody species (from Schedule 3), including native black poplar, small or large ivy lime or service tree?										No
Does the hedge include at least 5 woody species (from Schedule 3) + four features listed overleaf?										Yes
Hedge adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic + at least 4 woody species (from Schedule 3) + at least 2 of the features described in (a) to (g) above.										Yes
Qualifies as 'IMPORTANT HEDGEROW'?										Yes
Notes										
PHASE 1 HABITAT CLASSIFICATION = <u>2.2</u> sycamore, ivy, bramble, hedge bedstraw, red fescue grass, creeping cinquefoil.										
Are further surveys needed?								No		

HS1 HEDGEROW SURVEY									
Ecology ID	Hedgerow 37			Land Parcel Reference		ST128002		Date	22/11/2017
Weather Conditions	Windy, rainy			Surveyor(s)		AM & ET	Transect ID	F001	
Wind	6	Air Temperature (°C)	15		Cloud Cover	8	Rain	2	
Start	Easting (X)	359072			End	Easting (X)	358900		
	Northing (Y)	125797				Northing (Y)	125813		
Total length of hedge section (m)	183m			Number of 30m sections to be assessed		2			
Height of hedge (m)	2.5m			Width of hedge (m)		4m			
Number and length of gaps in hedge (as an overall % of length)					Number of mature trees (>20cm DBH) in total length of hedge				
0					9				
Are there any ditches along the length of the hedge?	Yes		Orientation of ditch	N		Wet or dry Ditch	Dry		
List of Schedule 3 Species for hedgerow assessment within 30m sections.					Schedule 2 species, to be recorded along entire length of hedge (within 1m of outermost edges of the hedgerow)				
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR	
<i>Acer campestre</i>	Field maple	R	R		R	<i>Adoxa moschatellina</i>	Moschatel		
<i>Ailurus glutinosus</i>	Alder					<i>Ajuga reptans</i>	Bugle		
<i>Betula pendula</i>	Silver birch					<i>Allium ursinum</i>	Ramsons		
<i>Betula pubescens</i>	Downy birch					<i>Anemone nemorosa</i>	Wood anemone		
<i>Carpinus betulus</i>	Hornbeam					<i>Arum maculatum</i>	Lords-and-ladies		
<i>Cornus sanguinea</i>	Dogwood	F			O	<i>Athyrium filix-femina</i>	Lady fern		
<i>Corylus avellana</i>	Hazel					<i>Brachypodium sylvaticum</i>	Wood false-brome		
<i>Crataegus laevigata</i>	Midland hawthorn					<i>Bromus ramosus</i>	Hairy brome	O	
<i>Crataegus monogyna</i>	Hawthorn					<i>Campanula trachelium</i>	Nettle-leaved bellflower		
<i>Daphne laureola</i>	Spurge-laurel					<i>Carex sylvatica</i>	Wood sedge		
<i>Daphne mezereum</i>	Daphne mezereum					<i>Circaea lutetiana</i>	Enchanters nightshade		
<i>Euonymus europaeus</i>	Spindle					<i>Conopodium majus</i>	Pignut	R	
<i>Fagus sylvatica</i>	Beech					<i>Dryopteris affinis</i>	Scaly male-fern		
<i>Frangula alnus</i>	Alder buckthorn					<i>Dryopteris carthusiana</i>	Narrow buckler-fern		
<i>Fraxinus excelsior</i>	Ash	R	R		R	<i>Dryopteris dilatata</i>	Broad buckler-fern		
<i>Ilex aquifolium</i>	Holly					<i>Dryopteris filix-mas</i>	Male fern		
<i>Ligustrum vulgare</i>	Wild privet					<i>Epipactis helleborine</i>	Broad-leaved helleborine		
<i>Malus sylvestris</i>	Crab apple					<i>Equisetum sylvaticum</i>	Wood horsetail	R	
<i>Populus alba</i>	White poplar					<i>Euphorbia amygdaloides</i>	Wood spurge		
<i>Populus nigra ssp betulifolia</i>	Black poplar					<i>Festuca gigantea</i>	Giant fescue		
<i>Populus tremula</i>	Aspen					<i>Fragaria vesca</i>	Wild strawberry		
<i>Populus x canescens</i>	Grey poplar					<i>Galium odoratum</i>	Sweet woodruff		
<i>Prunus avium</i>	Wild cherry					<i>Geranium robertianum</i>	Herb Robert	R	
<i>Prunus spinosa</i>	Blackthorn		O			<i>Geum urbanum</i>	Wood aven		
<i>Pyrus cordata</i>	Plymouth pear					<i>Hyacinthoides non-scripta</i>	Bluebell		
<i>Pyrus pyramidalis</i>	Wild pear					<i>Lamium galeobdolon</i>	Yellow archangel		
<i>Quercus robur</i>	Pedunculata oak					<i>Lathraea squamaria</i>	Toothwort		
<i>Rhamnus cathartica</i>	Buckthorn					<i>Luzula pilosa</i>	Hairy wood-rush		
<i>Ribes uva-crispa</i>	Gooseberry					<i>Melampyrum pratense</i>	Common cow-wheat		
<i>Rosa species</i>	Rose species	R	R			<i>Mercurialis perennis</i>	Dog's mercury		
<i>Salix species</i>	Willow species					<i>Milium effusum</i>	Wood millet		
<i>Salix viminalis</i>	Osier					<i>Orchis mascula</i>	Early purple orchid		
<i>Sambucus nigra</i>	Elder		R			<i>Oxalis acetosella</i>	Wood sorrel		
Sub-totals		4	5			<i>Paris quadrifolia</i>	Herb Paris		
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR	
<i>Sorbus aucuparia</i>	Rowan					<i>Phyllitis scolopendrium</i>	Hart's tongue	F	
<i>Sorbus species</i>	Whitebeam species					<i>Poa nemoralis</i>	Wood meadow-grass		
<i>Sorbus torminalis</i>	Wild service tree					<i>Polypodium vulgare</i>	Common polypody		
<i>Taxus baccata</i>	Yew					<i>Polystichum aculeatum</i>	Hard shield fern		
<i>Tilia platyphyllos</i>	Large-leaved lime					<i>Polystichum setiferum</i>	Soft shield fern		
<i>Ulex europaeus</i>	Goose					<i>Potentilla sterilis</i>	Barren strawberry		
<i>Ulmus species</i>	Elm species	O	O			<i>Primula elatior</i>	Oxlip		
<i>Viburnum lantana</i>	Wayfaring-tree					<i>Primula vulgaris</i>	Primrose		
<i>Viburnum opulus</i>	Guelder rose					<i>Ranunculus auricomus</i>	Gaidlocks buttercup		
						<i>Sanicula europaea</i>	Sanicle		
						<i>Teucrium scorodonia</i>	Wood sage		
						<i>Veronica montana</i>	Wood speedwell		
						<i>Viola odorata</i>	Sweet violet		
						<i>Viola reichenbachiana</i>	Early dog violet		
						<i>Viola riviniana</i>	Common dog violet		
Total species for each 30m section		5	6	0					
Average per 30m section					3.66666667				
HEDGEROW ASSESSMENT									
Hedgerow features (taken from Hedgerow Regulations 1997 Part 11 Paragraph 7(4) to (j)).									
(a) A bank or wall which supports the hedgerow along at least half of its length;								Present	
(b) Gaps which aggregate do not exceed 10% of length of hedgerow;								Present	
(c) Where the length of the hedgerow does not exceed 50m, at least one standard tree; (standard tree >20cm DBH (or 63cm circ) and multistemmed is >15cm DBH (or 47cm circ).								Absent	
(d) Where the length of the hedgerow exceeds 50m but does not exceed 100m, at least 2 standard trees;								Absent	
(e) Where the length of the hedgerow exceeds 100m, such number of standard trees (within any part of its length) as would when averaged over its total length amount at least one for each 50m;								Present	
(f) At least 3 woodland species (Schedule 2) within one metre, in any direction, of the outermost edges of the hedgerow;								Present	
(g) A ditch along at least one half of the length of the hedgerow;								Present	
(h) Connections scoring 4 points or more in accordance with sub-paragraph (5) ¹								Absent	
(i) A parallel hedge within 15m of the hedgerow.								Absent	
Total number of features present								5	
Notable shrub or herb species that occur along the length of the entire hedge which are not listed in Schedule 2 or 3									
None observed									
Total number of other hedgerows connecting to hedgerow that is subject of survey									
3 - including area of woodland to Eastern end (2 x points score).									
Signs of use by notable fauna									
None observed									
Is the Hedgerow obviously less than 30 years in age?								No	
Does hedge currently support or have desk study records of spp protected in Schedules 1, 5 or 8 of the WaCA, or red data book species for 2007 to date.								Unknown	
Does the hedge include at least 7 woody species (from Schedule 3)								Yes	
Does the hedge include at least 6 woody species (from Schedule 3) + 3 features listed overleaf?								Yes	
Does the hedge include at least 5 woody species (from Schedule 3), including native black poplar, small or large lvd lime or service tree?								No	
Does the hedge include at least 5 woody species (from Schedule 3) + four features listed overleaf?								Yes	
Hedge adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic + at least 4 woody species (from Schedule 3) + at least 2 of the features described in (a) to (g) above.								Yes	
Qualifies as 'IMPORTANT HEDGEROW'?								Yes	
Notes									
PHASE 1 HABITAT CLASSIFICATION = <u>2.4</u> SPECIES RICH HEDGEROW - hedge bedstraw, bramble, hemlock, black bryony, travellers joy, merforate st. johns wort,									
Are further surveys needed?								No	

HS1 HEDGEROW SURVEY								
Ecology ID	Hedgerow_38_A303		Land Parcel Reference		ST128002		Date	22/11/2017
Weather Conditions	Windy drizzle		Surveyor(s)		Alex Morley, Emma Taylor	Transect ID		
Wind	5	Air Temperature (°C)	16		Cloud Cover	8	Rain	1
Start	Easting (X)		358900		End	Easting (X)		358903
	Northing (Y)		125791			Northing (Y)		125661
Total length of hedge section (m)	130m		Number of 30m sections to be assessed			2		
Height of hedge (m)	2.5m		Width of hedge (m)			2.2m		
Number and length of gaps in hedge (as an overall % of length)				Number of mature trees (>20cm DBH) in total length of hedge				
2				0				
Are there any ditches along the length of the hedge?	No	Orientation of ditch	N/A		Wet or dry Ditch	N/A		
List of Schedule 3 Species for hedgerow assessment within 30m sections.					Schedule 2 species, to be recorded along entire length of hedge (within 1m of outermost edges of the hedgerow)			
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR
<i>Acer campestre</i>	Field maple					<i>Adoxa moschatellina</i>	Moschatel	
<i>Alnus glutinosa</i>	Alder					<i>Ajuga reptans</i>	Bugle	
<i>Betula pendula</i>	Silver birch					<i>Allium ursinum</i>	Ransoms	
<i>Betula pubescens</i>	Downy birch					<i>Anemone nemorosa</i>	Wood anemone	
<i>Carpinus betulus</i>	Hornbeam					<i>Arum maculatum</i>	Lords-and-ladies	
<i>Cornus sanguinea</i>	Dogwood					<i>Athyrium filix-femina</i>	Lady fern	
<i>Corylus avellana</i>	Hazel					<i>Brachypodium sylvaticum</i>	Wood false-brome	
<i>Crataegus laevigata</i>	Midland hawthorn					<i>Bromus ramosus</i>	Hairy brome	
<i>Crataegus monogyna</i>	Hawthorn					<i>Campanula trachelium</i>	Nettle-leaved bellflower	
<i>Daphne laureola</i>	Spurge-laurel					<i>Carex sylvatica</i>	Wood sedge	
<i>Daphne mezereum</i>	Daphne mezereon					<i>Circaea lutetiana</i>	Enchanters nightshade	
<i>Euonymus europaeus</i>	Spindle					<i>Conopodium majus</i>	Pignut	
<i>Fagus sylvatica</i>	Beech					<i>Dryopteris affinis</i>	Scaly male-fern	
<i>Frangula alnus</i>	Alder buckthorn					<i>Dryopteris carthusiana</i>	Narrow buckler fern	
<i>Fraxinus excelsior</i>	Ash					<i>Dryopteris dilatata</i>	Broad buckler-fern	
<i>Ilex aquifolium</i>	Holly					<i>Dryopteris filix-mas</i>	Male fern	
<i>Ligustrum vulgare</i>	Wild privet					<i>Epipactis helleborine</i>	Broad-leaved helleborine	
<i>Malus sylvestris</i>	Crab apple					<i>Equisetum sylvaticum</i>	Wood horsetail	
<i>Populus alba</i>	White poplar					<i>Euphorbia amygdaloides</i>	Wood spurge	
<i>Populus nigra ssp betulifolia</i>	Black poplar					<i>Festuca gigantea</i>	Giant fescue	
<i>Populus tremula</i>	Aspen					<i>Fragaria vesca</i>	Wild strawberry	
<i>Populus x canescens</i>	Grey poplar					<i>Gallium odoratum</i>	Sweet woodruff	
<i>Prunus avium</i>	Wild cherry					<i>Geranium robertianum</i>	Herb Robert	
<i>Prunus spinosa</i>	Blackthorn					<i>Geum urbanum</i>	Wood avien	
<i>Pyrus cordata</i>	Plymouth pear					<i>Hyacinthoides non-scripta</i>	Bluebell	
<i>Pyrus pyraeaster</i>	Wild pear					<i>Lamium strum galeobdolon</i>	Yellow archangel	
<i>Quercus robur</i>	Pedunculata oak					<i>Lathraea squamaria</i>	Toothwort	
<i>Rhamnus cathartica</i>	Buckthorn					<i>Luzula pilosa</i>	Hairy wood-rush	
<i>Ribes uva-crispa</i>	Gooseberry					<i>Melantherum pratense</i>	Common cow-wheat	
<i>Rosa species</i>	Rose species	R			R	<i>Mercurialis perennis</i>	Dog's mercury	
<i>Salix species</i>	Willow species					<i>Milium effusum</i>	Wood millet	
<i>Salix viminalis</i>	Osier					<i>Orchis mascula</i>	Early purple orchid	
<i>Sambucus nigra</i>	Elder	F	O		O	<i>Oxalis acetosella</i>	Wood sorrel	
	Sub-totals	1	2		0	<i>Paris quadrifolia</i>	Herb Paris	
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR
<i>Sorbus aucuparia</i>	Rowan					<i>Phyllitis scolopendrium</i>	Hart's tongue	
<i>Sorbus species</i>	Whitebeam species					<i>Poa nemoralis</i>	Wood meadow-grass	
<i>Sorbus torminalis</i>	Wild service tree					<i>Polypodium vulgare</i>	Common polypody	
<i>Taxus baccata</i>	Yew					<i>Polystichum aculeatum</i>	Hard shield fern	
<i>Tilia platyphyllos</i>	Large-leaved lime					<i>Polystichum setiferum</i>	Soft shield fern	
<i>Ulex europaeus</i>	Gorse					<i>Potentilla sterilis</i>	Barren strawberry	
<i>Ulmus species</i>	Elm species					<i>Primula elatior</i>	Oxlip	
<i>Viburnum lantana</i>	Wayfaring-tree					<i>Primula vulgaris</i>	Primrose	
<i>Viburnum opulus</i>	Guelder rose					<i>Ranunculus auricomus</i>	Goldlocks buttercup	
						<i>Sanicula europaea</i>	Sanicle	
						<i>Teucrium scorodonia</i>	Wood sage	
						<i>Veronica montana</i>	Wood speedwell	
						<i>Viola odorata</i>	Sweet violet	
						<i>Viola reichenbachiana</i>	Early dog violet	
Total species for each 30m section		1	2	0		1	<i>Viola riviniana</i>	Common dog violet
Average per 30m section								
HEDGEROW ASSESSMENT								
Hedgerow features (taken from Hedgerow Regulations 1997 Part 11 Paragraph 7(4) to (i)).								
(a) A bank or wall which supports the hedgerow along at least half of its length;							Absent	
(b) Gaps which aggregate do not exceed 10% of length of hedgerow;							Present	
(c) Where the length of the hedgerow does not exceed 50m, at least one standard tree; (standard tree >20cm DBH (or 63cm circ) and multistemmed is >15cm DBH (or 47cm circ).							Absent	
(d) Where the length of the hedgerow exceeds 50m but does not exceed 100m, at least 2 standard trees;							Absent	
(e) Where the length of the hedgerow exceeds 100m, such number of standard trees (within any part of its length) as would when averaged over its total length amount at least one for each 50m;							Absent	
(f) At least 3 woodland species (Schedule 2) within one metre, in any direction, of the outermost edges of the hedgerow;							Absent	
(g) A ditch along at least one half of the length of the hedgerow;							Absent	
(h) Connections scoring 4 points or more in accordance with sub-paragraph (5) 1							Absent	
(i) A parallel hedge within 15m of the hedgerow.							Absent	
Total number of features present							1	
Notable shrub or herb species that occur along the length of the entire hedge which are not listed in Schedule 2 or 3								
None observed								
Total number of other hedgerows connecting to hedgerow that is subject of survey								
2								
Signs of use by notable fauna								
None observed								
Is the Hedgerow obviously less than 30 years in age?							No	
Does hedge currently support or have desk study records of spp protected in Schedules 1, 5 or 8 of the WaCA, or red data book species for 2007 to date.							Unknown	
Does the hedge include at least 7 woody species (from Schedule 3)							No	
Does the hedge include at least 6 woody species (from Schedule 3) + 3 features listed overleaf?							No	
Does the hedge include at least 6 woody species (from Schedule 3), including native black poplar, small or large lwd lime or service tree?							No	
Does the hedge include at least 5 woody species (from Schedule 3) + four features listed overleaf?							No	
Hedge adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic + at least 4 woody species (from Schedule 3) + at least 2 of the features described in (a) to (g) above.							No	
Qualifies as 'IMPORTANT HEDGEROW'?							No	
Notes								
PHASE 1 HABITAT CLASSIFICATION = J2.1 gaps are more than 10% of hedgerow. A leylandi dominated hedge with the occasional stray native plant. Ground Flora likely to be restricted by leylandis dense shade. Therefore further surveys in Spring/ Summer not recommended. Cleavers, small strand of goat willow (not in section), bittersweet, travellers joy,								
Are further surveys needed?							No	

HS1 HEDGEROW SURVEY										
Ecology ID	Hedgerow 39			Land Parcel Reference		ST128002		Date	22/11/2017	
Weather Conditions	mild, rainy			Surveyor(s)		Alex Morley, Emma Taylor	Transect ID	F001		
Wind	5	Air Temperature (°C)	15		Cloud Cover	8	Rain	1		
Start	Easting (X)	359091			End	Easting (X)	359062			
	Northing (Y)	125828				Northing (Y)	126021			
Total length of hedge section (m)	205m			Number of 30m sections to be assessed		3				
Height of hedge (m)	2.1m			Width of hedge (m)		1.8m				
Number and length of gaps in hedge (as an overall % of length)					Number of mature trees (>20cm DBH) in total length of hedge					
2					1					
Are there any ditches along the length of the hedge?	Yes	Orientation of ditch	E		Wet or dry Ditch	Wet				
List of Schedule 3 Species for hedgerow assessment within 30m sections.					Schedule 2 species, to be recorded along entire length of hedge (within 1m of outermost edges of the hedgerow)					
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR		
<i>Acer campestre</i>	Field maple	O			R	<i>Adoxa moschatellina</i>	Moschatel			
<i>Alnus glutinosa</i>	Alder					<i>Ajuga reptans</i>	Bugle			
<i>Betula pendula</i>	Silver birch					<i>Allium ursinum</i>	Ramsons			
<i>Betula pubescens</i>	Downy birch					<i>Anemone nemorosa</i>	Wood anemone			
<i>Carpinus betulus</i>	Hornbeam					<i>Anem maculatum</i>	Lords-and-ladies			
<i>Cornus sanguinea</i>	Dogwood	R			R	<i>Athyrium filix-femina</i>	Lady fern			
<i>Corylus avellana</i>	Hazel					<i>Brachypodium sylvaticum</i>	Wood false-brome	O		
<i>Crataegus laevigata</i>	Midland hawthorn					<i>Bromus ramosus</i>	Hairy brome			
<i>Crataegus monogyna</i>	Hawthorn	O			R	<i>Campanula trachelium</i>	Nettle-leaved bellflower			
<i>Daphne laureola</i>	Spurge-laurel					<i>Carex sylvatica</i>	Wood sedge			
<i>Daphne mezereum</i>	Daphne mezereon					<i>Circaea lutetiana</i>	Enchanters nightshade			
<i>Euonymus europaeus</i>	Spindle					<i>Conopodium majus</i>	Pignut			
<i>Fagus sylvatica</i>	Beech					<i>Dryopteris affinis</i>	Scaly male-fern			
<i>Frangula alnus</i>	Alder buckthorn					<i>Dryopteris carthusiana</i>	Narrow buckler fern			
<i>Fraxinus excelsior</i>	Ash					<i>Dryopteris dilatata</i>	Broad buckler-fern			
<i>Ilex aquifolium</i>	Holly					<i>Dryopteris filix-mas</i>	Male fern			
<i>Ligustrum vulgare</i>	Wild privet			R	R	<i>Epipactis helleborine</i>	Broad-leaved helleborine			
<i>Malus sylvestris</i>	Crab apple					<i>Equisetum sylvaticum</i>	Wood horsetail	O		
<i>Populus alba</i>	White poplar					<i>Euphorbia amygdaloides</i>	Wood spurge			
<i>Populus nigra ssp betulifolia</i>	Black poplar					<i>Festuca gigantea</i>	Giant fescue			
<i>Populus tremula</i>	Aspen					<i>Fragaria vesca</i>	Wild strawberry			
<i>Populus x canescens</i>	Grey poplar					<i>Galium odoratum</i>	Sweet woodruff			
<i>Prunus avium</i>	Wild cherry					<i>Geranium robertianum</i>	Herb Robert			
<i>Prunus spinosa</i>	Blackthorn	O	O	R	O	<i>Geum urbanum</i>	Wood avens			
<i>Pyrus cordata</i>	Plymouth pear					<i>Hyacinthoides non-scripta</i>	Bluebell			
<i>Pyrus pyrastrer</i>	Wild pear					<i>Lamium strumarium</i>	Yellow archangel			
<i>Quercus robur</i>	Pedunculata oak					<i>Lathraea squamaria</i>	Toothwort			
<i>Rhamnus cathartica</i>	Buckthorn					<i>Luzula pilosa</i>	Hairy wood-rush			
<i>Ribes uva-crispa</i>	Gooseberry					<i>Melampyrum pratense</i>	Common cow-wheat			
<i>Rosa species</i>	Rose species			R	R	<i>Mercurialis perennis</i>	Dog's mercury			
<i>Salix species</i>	Willow species					<i>Milium effusum</i>	Wood millet			
<i>Salix viminalis</i>	Osier					<i>Orchis mascula</i>	Early purple orchid			
<i>Sambucus nigra</i>	Elder					<i>Oxalis acetosella</i>	Wood sorrel			
	Sub-totals	4	1	3		<i>Paris quadrifolia</i>	Herb Paris			
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR		
<i>Sorbus aucuparia</i>	Rowan					<i>Phyllitis scolopendrium</i>	Hart's tongue			
<i>Sorbus species</i>	Whitebeam species					<i>Poa nemoralis</i>	Wood meadow-grass			
<i>Sorbus torminalis</i>	Wild service tree					<i>Polypodium vulgare</i>	Common polypody			
<i>Taxus baccata</i>	Yew					<i>Polystichum aculeatum</i>	Hard shield fern			
<i>Tilia platyphyllos</i>	Large-leaved lime					<i>Polystichum setiferum</i>	Soft shield fern			
<i>Ulex europaeus</i>	Gorse					<i>Potentilla sterilis</i>	Barren strawberry			
<i>Ulmus species</i>	Elm species	O	F	F	F	<i>Primula elatior</i>	Oxlip			
<i>Viburnum lantana</i>	Wayfaring-tree					<i>Primula vulgaris</i>	Primrose			
<i>Viburnum opulus</i>	Guelder rose					<i>Ranunculus auricomus</i>	Goldlocks buttercup			
						<i>Sanicula europaea</i>	Sanicle			
						<i>Teucrium scorodonia</i>	Wood sage			
						<i>Veronica montana</i>	Wood speedwell			
						<i>Viola odorata</i>	Sweet violet			
						<i>Viola reichenbachiana</i>	Early dog violet			
						<i>Viola riviniana</i>	Common dog violet			
		5	2	4						
Total species for each 30m section		5		2		4				
Average per 30m section						3.66666667				
HEDGEROW ASSESSMENT										
Hedgerow features (taken from Hedgerow Regulations 1997 Part 11 Paragraph 7(4) to (i)).										
(a) A bank or wall which supports the hedgerow along at least half of its length;									Absent	
(b) Gaps which aggregate do not exceed 10% of length of hedgerow;									Present	
(c) Where the length of the hedgerow does not exceed 50m, at least one standard tree; (standard tree >20cm DBH (or 63cm circ) and multistemmed is >15cm DBH (or 47cm circ).									Absent	
(d) Where the length of the hedgerow exceeds 50m but does not exceed 100m, at least 2 standard trees;									Absent	
(e) Where the length of the hedgerow exceeds 100m, such number of standard trees (within any part of its length) as would when averaged over its total length amount at least one for each 50m;									Absent	
(f) At least 3 woodland species (Schedule 2) within one metre, in any direction, of the outermost edges of the hedgerow;									Absent	
(g) A ditch along at least one half of the length of the hedgerow;									Present	
(h) Connections scoring 4 points or more in accordance with sub-paragraph (5) ³									Absent	
(i) A parallel hedge within 15m of the hedgerow.									Absent	
Total number of features present									2	
Notable shrub or herb species that occur along the length of the entire hedge which are not listed in Schedule 2 or 3										
None observed										
Total number of other hedgerows connecting to hedgerow that is subject of survey										
3 (including wooded area to South)										
Signs of use by notable fauna										
None observed										
Is the Hedgerow obviously less than 30 years in age?										No
Does hedge currently support or have desk study records of spp protected in Schedules 1, 5 or 8 of the WaCA, or red data book species for 2007 to date.										Unknown
Does the hedge include at least 7 woody species (from Schedule 3)										Yes
Does the hedge include at least 6 woody species (from Schedule 3) + 3 features listed overleaf?										No
Does the hedge include at least 6 woody species (from Schedule 3), including native black poplar, small or large lvd lime or service tree?										No
Does the hedge include at least 5 woody species (from Schedule 3) + four features listed overleaf?										No
Hedge adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic + at least 4 woody species (from Schedule 3) + at least 2 of the features described in (a) to (g) above.										No
Qualifies as 'IMPORTANT HEDGEROW'?										Yes
Notes										
PHASE 1 HABITAT CLASSIFICATION = J2.1 includes a small recently planted section to South, with tree guards still in place, not longer than 10m. Black bryony, stinking iris, hemlock, nettle, ivy, pendulous sedge, rosebay willowherb, willow species (not in sections), Elder (not in sections).										
Are further surveys needed?									No	

HS1 HEDGEROW SURVEY											
Ecology ID 1	Hedgerow 40			Land Parcel Reference		ST153085		Date	27/09/2017		
Weather Conditions	light rain			Surveyor(s)		Phil Newberry, Dave Locke		Transect ID	F001		
Wind	2	Air Temperature (°C)	16		Cloud Cover	8		Rain	1		
Start	Easting (X)		359338		End	Easting (X)		359208			
	Northing (Y)		125765			Northing (Y)		125758			
Total length of hedge section (m)	160			Number of 30m sections to be assessed		2					
Height of hedge (m)	2.5			Width of hedge (m)		1.5					
Number and length of gaps in hedge (as an overall % of length)				Number of mature trees (>20cm DBH) in total length of hedge							
2				9							
Are there any ditches along the length of the hedge?	No		Orientation of ditch	N/A		Wet or dry Ditch	N/A				
List of Schedule 3 Species for hedgerow assessment within 30m sections.					Schedule 2 species, to be recorded along entire length of hedge (within 1m of outermost edges of the hedgerow)						
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR			
<i>Acer campestre</i>	Field maple		O		R	<i>Adoxa moschatellina</i>	Moschatel				
<i>Ailurus glutinosus</i>	Alder					<i>Ajuga reptans</i>	Bugle				
<i>Betula pendula</i>	Silver birch					<i>Allium ursinum</i>	Ranunculus				
<i>Betula pubescens</i>	Downy birch					<i>Anemone nemorosa</i>	Wood anemone				
<i>Carpinus betulus</i>	Hornbeam					<i>Anemone pulsatilla</i>	Lords-and-ladies				
<i>Cornus sanguinea</i>	Dogwood	O	O		O	<i>Athyrium filix-femina</i>	Lady fern				
<i>Corylus avellana</i>	Hazel	F	O		F	<i>Brachypodium sylvaticum</i>	Wood false-brome	R			
<i>Crataegus laevigata</i>	Midland hawthorn					<i>Bromus ramosus</i>	Hairy brome				
<i>Crataegus monogyna</i>	Hawthorn					<i>Campanula trachelium</i>	Nettle-leaved bellflower				
<i>Daphne laureola</i>	Spurge-laurel					<i>Carex sylvatica</i>	Wood sedge				
<i>Daphne mezereum</i>	Daphne mezereum					<i>Circaea lutetiana</i>	Enchanters nightshade				
<i>Euonymus europaeus</i>	Spindle					<i>Conopodium majus</i>	Pignut				
<i>Fagus sylvatica</i>	Beech					<i>Dryopteris affinis</i>	Scaly male-fern				
<i>Fraxinus alnus</i>	Alder buckthorn					<i>Dryopteris carthusiana</i>	Narrow buckler-fern				
<i>Fraxinus excelsior</i>	Ash	O	O		O	<i>Dryopteris dilatata</i>	Broad buckler-fern				
<i>Ilex aquifolium</i>	Holly					<i>Dryopteris filix-mas</i>	Male fern				
<i>Ligustrum vulgare</i>	Wild privet					<i>Epipactis helleborine</i>	Broad-leaved helleborine				
<i>Malus sylvestris</i>	Crab apple					<i>Equisetum sylvaticum</i>	Wood horsetail				
<i>Populus alba</i>	White poplar					<i>Euphorbia amygdaloides</i>	Wood spurge				
<i>Populus nigra ssp betulifolia</i>	Black poplar					<i>Festuca gigantea</i>	Giant fescue				
<i>Populus tremula</i>	Aspen					<i>Fragaria vesca</i>	Wild strawberry				
<i>Populus x canescens</i>	Grey poplar					<i>Galium odoratum</i>	Sweet woodruff				
<i>Prunus avium</i>	Wild cherry					<i>Geranium robertianum</i>	Herb Robert				
<i>Prunus spinosa</i>	Blackthorn	O	O		O	<i>Geum urbanum</i>	Wood aven				
<i>Pyrus cordata</i>	Plymouth pear					<i>Hyacinthoides non-scripta</i>	Bluebell				
<i>Pyrus pyramidalis</i>	Wild pear					<i>Lamium album</i>	Yellow archangel				
<i>Quercus robur</i>	Pedunculata oak					<i>Lathraea squamaria</i>	Toothwort				
<i>Rhamnus cathartica</i>	Buckthorn					<i>Luzula pilosa</i>	Hairy wood-rush				
<i>Ribes uva-crispa</i>	Gooseberry					<i>Melampyrum pratense</i>	Common cow-wheat				
<i>Rosa species</i>	Rose species					<i>Mercurialis perennis</i>	Dog's mercury				
<i>Salix species</i>	Willow species					<i>Milium effusum</i>	Wood millet				
<i>Salix viminalis</i>	Osier					<i>Orchis mascula</i>	Early purple orchid				
<i>Sambucus nigra</i>	Elder					<i>Oxalis acetosella</i>	Wood sorrel				
		Sub-totals	4	5	0						
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR			
<i>Sorbus aucuparia</i>	Rowan					<i>Phyllitis scolopendrium</i>	Hart's tongue				
<i>Sorbus species</i>	Whitebeam species					<i>Poa nemoralis</i>	Wood meadow-grass				
<i>Sorbus torminalis</i>	Wild service tree					<i>Polypodium vulgare</i>	Common polypody				
<i>Taxus baccata</i>	Yew					<i>Polystichum aculeatum</i>	Hard shield fern				
<i>Tilia platyphyllos</i>	Large-leaved lime					<i>Polystichum setiferum</i>	Soft shield fern				
<i>Ulex europaeus</i>	Gorse					<i>Potentilla sterilis</i>	Barren strawberry				
<i>Ulmus species</i>	Elm species	F	F		F	<i>Primula elatior</i>	Oxlip				
<i>Viburnum lantana</i>	Wayfaring-tree					<i>Primula vulgaris</i>	Primrose				
<i>Viburnum opulus</i>	Gelder rose					<i>Ranunculus auricomus</i>	Goldilocks buttercup				
						<i>Sanicula europaea</i>	Sanicle				
						<i>Taenidia scorodonia</i>	Wood sage				
						<i>Veronica montana</i>	Wood speedwell				
						<i>Viola odorata</i>	Sweet violet				
						<i>Viola reichenbachiana</i>	Early dog violet				
						<i>Viola riviniana</i>	Common dog violet				
Total species for each 30m section		5	6	0							
Average per 30m section					5.5						
HEDGEROW ASSESSMENT											
Hedgerow features (taken from Hedgerow Regulations 1997 Part 11 Paragraph 7(4) to (i)).											
(a) A bank or wall which supports the hedgerow along at least half of its length;								Absent			
(b) Gaps which aggregate do not exceed 10% of length of hedgerow;								Present			
(c) Where the length of the hedgerow does not exceed 50m, at least one standard tree; (standard tree >20cm DBH (or 63cm circ) and multitemmed is >15cm DBH (or 47cm circ).								Absent			
(d) Where the length of the hedgerow exceeds 50m but does not exceed 100m, at least 2 standard trees;								Absent			
(e) Where the length of the hedgerow exceeds 100m, such number of standard trees (within any part of its length) as would when averaged over its total length amount at least one for each 50m.								Present			
(f) At least 3 woodland species (Schedule 2) within one metre, in any direction, of the outermost edges of the hedgerow;								Absent			
(g) A ditch along at least one half of the length of the hedgerow;								Absent			
(h) Connections scoring 4 points or more in accordance with sub-paragraph (5) 1								Absent			
(i) A parallel hedge within 15m of the hedgerow.								Absent			
Total number of features present								2			
Notable shrub or herb species that occur along the length of the entire hedge which are not listed in Schedule 2 or 3											
Cock's-foot, false oat-grass, hogweed, bramble, black bryony, hedge bedstraw.											
Total number of other hedgerows connecting to hedgerow that is subject of survey											
1											
Signs of use by notable fauna											
None observed											
Is the Hedgerow obviously less than 30 years in age?											No
Does hedge currently support or have desk study records of spp protected in Schedules 1, 5 or 8 of the WaCA, or red data book species for 2007 to date.											No
Does the hedge include at least 7 woody species (from Schedule 3)											No
Does the hedge include at least 6 woody species (from Schedule 3) + 3 features listed overleaf?											No
Does the hedge include at least 5 woody species (from Schedule 3), including native black poplar, small or large lvd lime or service tree?											No
Does the hedge include at least 5 woody species (from Schedule 3) + four features listed overleaf?											No
Hedge adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic + at least 4 woody species (from Schedule 3) + at least 2 of the features described in (a) to (g) above.											No
Qualifies as 'IMPORTANT HEDGEROW'?											No
Notes											
PHASE 1 HABITAT CODE: J2.3.1 Intact species-rich hedge and trees.											
Are further surveys needed?											No

HS1 HEDGEROW SURVEY										
Ecology ID ¹	Hedgerow 41			Land Parcel Reference	ST153085, ST128002		Date	27/09/2017		
Weather Conditions	Light rain			Surveyor(s)	Phil Newberry, Dave Locke	Transect ID	F001			
Wind	2	Air Temperature (°C)	16		Cloud Cover	8	Rain	1		
Start	Easting (X)	359361		End	Easting (X)	359447				
	Northing (Y)	126566			Northing (Y)	126120				
Total length of hedge section (m)	350		Number of 30m sections to be assessed		3					
Height of hedge (m)	7		Width of hedge (m)		3					
Photo References ²										
Number and length of gaps in hedge (as an overall % of length)				Number of mature trees (>20cm DBH) in total length of hedge						
0				19						
Are there any ditches along the length of the hedge?	No	Orientation of ditch	N/A		Wet or dry Ditch	N/A				
List of Schedule 3 Species for hedgerow assessment within 30m sections.					Schedule 2 species, to be recorded along entire length of hedge (within 1m of outermost edges of the hedgerow)					
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR		
<i>Acer campestre</i>	Field maple	R			R	<i>Adoxa moschatellina</i>	Moschatel			
<i>Alnus glutinosa</i>	Alder					<i>Ajuga reptans</i>	Bugle			
<i>Betula pendula</i>	Silver birch					<i>Allium ursinum</i>	Ramsons			
<i>Betula pubescens</i>	Downy birch					<i>Anemone nemorosa</i>	Wood anemone			
<i>Carpinus betulus</i>	Hornbeam					<i>Arum maculatum</i>	Lords-and-ladies			
<i>Cornus sanguinea</i>	Dogwood	O			R	<i>Athyrium filix-femina</i>	Lady fern			
<i>Corylus avellana</i>	Hazel	O	A		F	<i>Brachypodium sylvaticum</i>	Wood false-brome			
<i>Crataegus laevigata</i>	Midland hawthorn					<i>Bromus ramosus</i>	Hairy brome			
<i>Crataegus monogyna</i>	Hawthorn	O			R	<i>Campanula trachelium</i>	Nettle-leaved bellflower			
<i>Daphne laureola</i>	Spurge-laurel					<i>Carex sylvatica</i>	Wood sedge			
<i>Daphne mezereum</i>	Daphne mezereum					<i>Circaea lutetiana</i>	Enchanters nightshade			
<i>Eukonymus europaeus</i>	Spindle					<i>Conopodium majus</i>	Pignut			
<i>Fagus sylvatica</i>	Beech					<i>Dryopteris affinis</i>	Scaly male-fern			
<i>Fraxinus alba</i>	Alder buckthorn					<i>Dryopteris carthusiana</i>	Narrow buckler-fern			
<i>Fraxinus excelsior</i>	Ash		F		O	<i>Dryopteris dilatata</i>	Broad buckler-fern			
<i>Ilex aquifolium</i>	Holly					<i>Dryopteris filix-mas</i>	Male fern			
<i>Ligustrum vulgare</i>	Wild privet					<i>Eupacris helleborine</i>	Broad-leaved helleborine			
<i>Malus sylvestris</i>	Crab apple					<i>Equisetum sylvaticum</i>	Wood horsetail			
<i>Populus alba</i>	White poplar					<i>Euphorbia amygdaloides</i>	Wood spurge			
<i>Populus nigra ssp. betulifolia</i>	Black poplar					<i>Festuca gigantea</i>	Giant fescue			
<i>Populus tremula</i>	Aspen					<i>Fragaria vesca</i>	Wild strawberry			
<i>Populus x canescens</i>	Grey poplar					<i>Galium odoratum</i>	Sweet woodruff			
<i>Prunus avium</i>	Wild cherry					<i>Geranium robertianum</i>	Herb Robert			
<i>Prunus spinosa</i>	Blackthorn	O			R	<i>Geum urbanum</i>	Wood avens			
<i>Pyrus cordata</i>	Plymouth pear					<i>Hyacinthoides non-scripta</i>	Bluebell			
<i>Pyrus pyraeaster</i>	Wild pear					<i>Lamiumstrum galeobdolon</i>	Yellow archangel			
<i>Quercus robur</i>	Pedunculata oak					<i>Lathraea squamaria</i>	Toothwort			
<i>Rhamnus cathartica</i>	Buckthorn					<i>Luzula pilosa</i>	Hairy wood-rush			
<i>Ribes uva-crispa</i>	Gooseberry					<i>Melampyrum pratense</i>	Common cow-wheat			
<i>Rosa species</i>	Rose species					<i>Mercurialis perennis</i>	Dog's mercury			
<i>Salix species</i>	Willow species					<i>Milium effusum</i>	Wood millet			
<i>Salix viminalis</i>	Osier	A	O	D	A	<i>Orchis mascula</i>	Early purple orchid			
<i>Sambucus nigra</i>	Elder					<i>Oxalis acetosella</i>	Wood sorrel			
	Sub-totals	6	3	1		<i>Paris quadrifolia</i>	Herb Paris			
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR		
<i>Sorbus aucuparia</i>	Rowan					<i>Phyllitis scolopendrium</i>	Hart's tongue			
<i>Sorbus species</i>	Whitebeam species					<i>Poa nemoralis</i>	Wood meadow-grass			
<i>Sorbus torminalis</i>	Wild service tree					<i>Polypodium vulgare</i>	Common polypody			
<i>Taxus baccata</i>	Yew					<i>Polystichum aculeatum</i>	Hard shield fern			
<i>Tilia platyphyllos</i>	Large-leaved lime					<i>Polystichum setiferum</i>	Soft shield fern			
<i>Ulex europaeus</i>	Gorse					<i>Potentilla sterilis</i>	Barren strawberry			
<i>Ulmus species</i>	Elm species	R			R	<i>Primula elatior</i>	Oxlip			
<i>Viburnum lantana</i>	Wayfaring-tree					<i>Primula vulgaris</i>	Primrose			
<i>Viburnum opulus</i>	Guelder rose					<i>Ranunculus auricomus</i>	Goldilocks buttercup			
						<i>Sanicula europaea</i>	Sanicle			
						<i>Taenarium scorodonia</i>	Wood sage			
						<i>Veronica montana</i>	Wood speedwell			
						<i>Viola odorata</i>	Sweet violet			
						<i>Viola reichenbachiana</i>	Early dog violet			
						<i>Viola riviniana</i>	Common dog violet			
Total species for each 30m section		7	3	1						
Average per 30m section		3.66666667								
HEDGEROW ASSESSMENT										
Hedgerow features (taken from Hedgerow Regulations 1997 Part 11 Paragraph 7(4) to (j)).										
(a) A bank or wall which supports the hedgerow along at least half of its length;	Absent									
(b) Gaps which aggregate do not exceed 10% of length of hedgerow;	Present									
(c) Where the length of the hedgerow does not exceed 50m, at least one standard tree; (standard tree >20cm DBH (or 63cm circ) and multitemmed is >15cm DBH (or 47cm circ)).	Absent									
(d) Where the length of the hedgerow exceeds 50m but does not exceed 100m, at least 2 standard trees;	Absent									
(e) Where the length of the hedgerow exceeds 100m, such number of standard trees (within any part of its length) as would when averaged over its total length amount at least one for each 50m;	Present									
(f) At least 3 woodland species (Schedule 2) within one metre, in any direction, of the outermost edges of the hedgerow;	Absent									
(g) A ditch along at least one half of the length of the hedgerow;	Absent									
(h) Connections scoring 4 points or more in accordance with sub-paragraph (5) ¹	Absent									
(i) A parallel hedge within 15m of the hedgerow.	Absent									
Total number of features present.	2									
Notable shrub or herb species that occur along the length of the entire hedge which are not listed in Schedules 2 or 3										
White dead-nettle, common nettle, hogweed, black bryony, ivy, striking iris										
Total number of other hedgerows connecting to hedgerow that is subject of survey										
1										
Signs of use by notable fauna										
None observed										
Is the Hedgerow obviously less than 30 years in age?	No									
Does hedge currently support or have desk study records of spp protected in Schedules 1, 5 or 8 of the WaCA, or red data book species for 2007 to date.	No									
Does the hedge include at least 7 woody species (from Schedule 3)	No									
Does the hedge include at least 6 woody species (from Schedule 3) + 3 features listed overleaf?	No									
Does the hedge include at least 6 woody species (from Schedule 3), including native black poplar, small or large hd lime or service tree?	No									
Does the hedge include at least 5 woody species (from Schedule 3) + four features listed overleaf?	No									
Hedge adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic + at least 4 woody species (from Schedule 3) + at least 2 of the features described in (a) to (g) above.	No									
Qualifies as 'IMPORTANT HEDGEROW'?	No									
Notes										
Line of trees situated at the mid extent of the hedgerow. PHASE 1 HABITAT CODE: J2.3.1 Intact species-rich hedge with trees.										
									Are further surveys needed?	No

HS1 HEDGEROW SURVEY										
Ecology ID	Hedgerow 42			Land Parcel Reference		ST153085, ST128002		Date	22/11/2017	
Weather Conditions	mild, rainy			Surveyor(s)		Alex Morely, Emma Taylor		Transect ID		
Wind	5	Air Temperature (°C)	15		Cloud Cover	8		Rain	1	
Start	Easting (X)		359822		End	Easting (X)		359450		
	Northing (Y)		126183			Northing (Y)		126122		
Total length of hedge section (m)	420m			Number of 30m sections to be assessed			3			
Height of hedge (m)	2.5m			Width of hedge (m)			2			
Number and length of gaps in hedge (as an overall % of length)			5			Number of mature trees (>20cm DBH) in total length of hedge				
						32				
Are there any ditches along the length of the hedge?	Yes		Orientation of ditch	N		Wet or dry Ditch	Wet			
List of Schedule 3 Species for hedgerow assessment within 30m sections.						Schedule 2 species, to be recorded along entire length of hedge (within 1m of outermost edges of the hedgerow)				
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR		
<i>Acer campestre</i>	Field maple		R	R	R	<i>Adaxa moschatellina</i>	Moschatel			
<i>Alnus glutinosa</i>	Alder					<i>Ajuga reptans</i>	Bugle			
<i>Betula pendula</i>	Silver birch					<i>Allium ursinum</i>	Ramsons			
<i>Betula pubescens</i>	Dowry birch					<i>Anemone nemorosa</i>	Wood anemone			
<i>Carpinus betulus</i>	Hornbeam					<i>Arum maculatum</i>	Lords-and-ladies			
<i>Cornus sanguinea</i>	Dogwood					<i>Athyrium filix-femina</i>	Lady fern	R		
<i>Corylus avellana</i>	Hazel					<i>Brachypodium sylvaticum</i>	Wood false-brome			
<i>Crataegus laevigata</i>	Midland hawthorn					<i>Bromus ramosus</i>	Hairy brome	R		
<i>Crataegus monogyna</i>	Hawthorn					<i>Camparula trachelium</i>	Nettle-leaved bellflower			
<i>Daphne laureola</i>	Spurge-laurel					<i>Carex sylvatica</i>	Wood sedge			
<i>Daphne mezereum</i>	Daphne mezereum					<i>Circaea lutetiana</i>	Enchanters nightshade			
<i>Eucrymus europaeus</i>	Spindle					<i>Conopodium majus</i>	Pignut			
<i>Fagus sylvatica</i>	Beech					<i>Dryopteris affinis</i>	Scaly male-fern			
<i>Fraxinus alnus</i>	Alder buckthorn					<i>Dryopteris carthusiana</i>	Narrow buckler fern			
<i>Fraxinus excelsior</i>	Ash		O	R	R	<i>Dryopteris dilatata</i>	Broad buckler-fern			
<i>Ilex aquifolium</i>	Holly		O		R	<i>Dryopteris filix-mas</i>	Male fern			
<i>Ligustrum vulgare</i>	Wild privet					<i>Eppactis helleborine</i>	Broad-leaved helleborine			
<i>Malus sylvestris</i>	Crab apple					<i>Equisetum sylvaticum</i>	Wood horsetail	F		
<i>Populus alba</i>	White poplar					<i>Euphorbia amygdaloides</i>	Wood spurge			
<i>Populus nigra ssp. betulifolia</i>	Black poplar					<i>Festuca gigantea</i>	Giant fescue			
<i>Populus tremula</i>	Aspen					<i>Fragaria vesca</i>	Wild strawberry			
<i>Populus x canadensis</i>	Grey poplar					<i>Galium odoratum</i>	Sweet woodruff			
<i>Prunus avium</i>	Wild cherry					<i>Geranium robertianum</i>	Herb Robert	R		
<i>Prunus spinosa</i>	Blackthorn					<i>Geum urbanum</i>	Wood anemone			
<i>Pyrus cordata</i>	Plymouth pear					<i>Hyacinthoides non-scripta</i>	Bluebell			
<i>Pyrus pyrastrer</i>	Wild pear					<i>Lamium galeobdolon</i>	Yellow archangel			
<i>Quercus robur</i>	Pedunculata oak	R			R	<i>Lathraea squamaria</i>	Toothwort			
<i>Rhamnus cathartica</i>	Buckthorn					<i>Luzula pilosa</i>	Hairy wood-rush			
<i>Ribes uva-crispa</i>	Gooseberry					<i>Melampyrum pratense</i>	Common cow-wheat			
<i>Rosa species</i>	Rose species		R		R	<i>Mercurialis perennis</i>	Dog's mercury			
<i>Salix species</i>	Willow species					<i>Milium effusum</i>	Wood millet			
<i>Salix viminalis</i>	Osier					<i>Orchis mascula</i>	Early purple orchid			
<i>Sambucus nigra</i>	Elder		O	R	R	<i>Oxalis acetosella</i>	Wood sorrel			
	Sub-totals	1	5	3	3	<i>Paris quadrifolia</i>	Herb Paris			
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR		
<i>Sorbus aucuparia</i>	Rosier					<i>Phyllitis scolopendrium</i>	Hart's tongue	F		
<i>Sorbus species</i>	Whitebeam species					<i>Poa nemoralis</i>	Wood meadow-grass			
<i>Sorbus torminalis</i>	Wild service tree					<i>Polypodium vulgare</i>	Common polypody			
<i>Taxus baccata</i>	Yew					<i>Polystichum aculeatum</i>	Hard shield fern			
<i>Tilia platyphyllos</i>	Large-leaved lime					<i>Polystichum setiferum</i>	Soft shield fern			
<i>Ulex europaeus</i>	Gorse					<i>Potentilla sterilis</i>	Barren strawberry			
<i>Ulmus species</i>	Elm species	F	O	R	O	<i>Primula elatior</i>	Oxlip			
<i>Viburnum lantana</i>	Wayfaring-tree					<i>Primula vulgaris</i>	Primrose			
<i>Viburnum opulus</i>	Gelder rose					<i>Ranunculus auricomus</i>	Goldlocks buttercup			
						<i>Sanicula europaea</i>	Sanicle			
						<i>Teucrium scorodonia</i>	Wood sage			
						<i>Veronica montana</i>	Wood speedwell			
						<i>Viola odorata</i>	Sweet violet			
						<i>Viola reichenbachiana</i>	Early dog violet			
						<i>Viola riviniana</i>	Common dog violet			
Total species for each 30m section		2	6	4	4					
Average per 30m section										
HEDGEROW ASSESSMENT										
Hedgerow features (taken from Hedgerow Regulations 1997 Part 11 Paragraph 7(4) to (i)).										
(a) A bank or wall which supports the hedgerow along at least half of its length;										Absent
(b) Gaps which aggregate do not exceed 10% of length of hedgerow;										Absent
(c) Where the length of the hedgerow does not exceed 50m, at least one standard tree; (standard tree >20cm DBH (or 63cm circ) and multitemmed is >15cm DBH (or 47cm circ).)										Absent
(d) Where the length of the hedgerow exceeds 50m but does not exceed 100m, at least 2 standard trees;										Absent
(e) Where the length of the hedgerow exceeds 100m, such number of standard trees (within any part of its length) as would when averaged over its total length amount at least one for each 50m;										Present
(f) At least 3 woodland species (Schedule 2) within one metre, in any direction, of the outermost edges of the hedgerow;										Present
(g) A ditch along at least one half of the length of the hedgerow;										Present
(h) Connections scoring 4 points or more in accordance with sub-paragraph (5) ¹										Absent
(i) A parallel hedge within 15m of the hedgerow.										Absent
Total number of features present										3
Notable shrub or herb species that occur along the length of the entire hedge which are not listed in Schedule 2 or 3										
None observed										
Total number of other hedgerows connecting to hedgerow that is subject of survey										
Signs of use by notable fauna										
Potential badger run orientation N-S towards Western end of hedge. No hair identified.										
Is the Hedgerow obviously less than 30 years in age?										No
Does hedge currently support or have desk study records of spp protected in Schedules 1, 5 or 8 of the WaCA, or red data book species for 2007 to date.										Unknown
Does the hedge include at least 7 woody species (from Schedule 3)										Yes
Does the hedge include at least 6 woody species (from Schedule 3) + 3 features listed overleaf?										Yes
Does the hedge include at least 6 woody species (from Schedule 3), including native black poplar, small or large lrd lime or service tree?										No
Does the hedge include at least 5 woody species (from Schedule 3) + 4 features listed overleaf?										No
Hedge adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic + at least 4 woody species (from Schedule 3) + at least 2 of the features described in (a) to (g) above.										no
Qualifies as 'IMPORTANT HEDGEROW'?										Yes
Notes										
PHASE 1 HABITAT CLASSIFICATION = J2.4 SPECIES RICH HEDGEROW - pendulous sedge, sycamore, hedge woundwort, bramble sp., nettle, bittersweet, hogweed, forget-me-not species, ground ivy, ivy, cleavers, spear thistle, figwort, mugwort, wild privet (not in sections).										
Are further surveys needed?										No

HS1 HEDGEROW SURVEY									
Ecology ID 1	Hedgerow 43			Land Parcel Reference		WS16934, WS16934, ST153085	Date	29/09/2017	
Weather Conditions	sunny			Surveyor(s)		Phil Newberry, Dave Locke	Transact ID	F001	
Wind	2	Air Temperature (°C)	16	Cloud Cover	4	Rain	0		
Start	Easting (X)		359815		End	Easting (X)		360145	
	Northing (Y)		125895			Northing (Y)		126455	
Total length of hedge section (m)	725			Number of 30m sections to be assessed			3		
Height of hedge (m)	6			Width of hedge (m)			1		
Number and length of gaps in hedge (as an overall % of length)				Number of mature trees (>20cm DBH) in total length of hedge					
0				7					
Are there any ditches along the length of the hedge?	No	Orientation of ditch	NA		Wet or dry Ditch	NA			
List of Schedule 3 Species for hedgerow assessment within 30m sections.					Schedule 2 species, to be recorded along entire length of hedge (within 1m of outermost edges of the hedgerow)				
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR	
<i>Acer campestre</i>	Field maple					<i>Adoxa moschatellina</i>	Moschatel		
<i>Alnus glutinosa</i>	Alder					<i>Ajuga reptans</i>	Bugle		
<i>Betula pendula</i>	Silver birch			R	R	<i>Allium ursinum</i>	Ramsons		
<i>Betula pubescens</i>	Downy birch					<i>Anemone nemorosa</i>	Wood anemone		
<i>Carpinus betulus</i>	Hornbeam					<i>Arum maculatum</i>	Lords-and-ladies		
<i>Cornus sanguinea</i>	Dogwood					<i>Athyrium filix-femina</i>	Lady fern		
<i>Corylus avellana</i>	Hazel					<i>Brachypodium sylvaticum</i>	Wood false-brome		
<i>Crataegus laevigata</i>	Midland hawthorn					<i>Bromus ramosus</i>	Hairy brome		
<i>Crataegus monogyna</i>	Hawthorn	D	D	O	D	<i>Campylosiphium</i>	Nettle-leaved bellflower		
<i>Daphne laureola</i>	Spurge-laurel					<i>Carex sylvatica</i>	Wood sedge		
<i>Daphne mezereum</i>	Daphne mezereum					<i>Circaea lutetiana</i>	Enchanters nightshade		
<i>Eucrymus europaeus</i>	Spindle					<i>Conopodium majus</i>	Pignut		
<i>Fagus sylvatica</i>	Beech					<i>Dryopteris affinis</i>	Scaly male-fern		
<i>Fraxinus alnus</i>	Alder buckthorn					<i>Dryopteris carthusiana</i>	Narrow buckler fern		
<i>Fraxinus excelsior</i>	Ash					<i>Dryopteris dilatata</i>	Broad buckler-fern		
<i>Ilex aquifolium</i>	Holly					<i>Dryopteris filix-mas</i>	Male fern		
<i>Ligustrum vulgare</i>	Wild privet					<i>Eppactis helleborine</i>	Broad-leaved helleborine		
<i>Malus sylvestris</i>	Crab apple					<i>Equisetum sylvaticum</i>	Wood horsetail		
<i>Populus alba</i>	White poplar					<i>Euphorbia amygdaloides</i>	Wood spurge		
<i>Populus nigra ssp. betulifolia</i>	Black poplar					<i>Festuca gigantea</i>	Giant fescue		
<i>Populus tremula</i>	Aspen					<i>Fragaria vesca</i>	Wild strawberry		
<i>Populus x canescens</i>	Grey poplar					<i>Galium odoratum</i>	Sweet woodruff		
<i>Prunus avium</i>	Wild cherry		R	A	O	<i>Geranium robertianum</i>	Herb Robert		
<i>Prunus spinosa</i>	Blackthorn					<i>Geum urbanum</i>	Wood anem		
<i>Pyrus cordata</i>	Plymouth pear					<i>Hyacinthoides non-scripta</i>	Bluebell		
<i>Pyrus pyramidalis</i>	Wild pear					<i>Lamium galeobdolon</i>	Yellow archangel		
<i>Quercus robur</i>	Pedunculata oak			R	R	<i>Lathraea squamaria</i>	Toothwort		
<i>Rhamnus cathartica</i>	Buckthorn					<i>Luzula pilosa</i>	Hairy wood-rush		
<i>Ribes uva-crispa</i>	Gooseberry					<i>Melampyrum pratense</i>	Common cow-wheat		
<i>Rosa species</i>	Rose species					<i>Mercurialis perennis</i>	Dog's mercury		
<i>Salix species</i>	Willow species					<i>Milium effusum</i>	Wood millet		
<i>Salix viminalis</i>	Osier					<i>Orchis mascula</i>	Early purple orchid		
<i>Sambucus nigra</i>	Elder					<i>Oxalis acetosella</i>	Wood sorrel		
	Sub-totals	1	2	4		<i>Paris quadrifolia</i>	Herb Paris		
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR	
<i>Sorbus aucuparia</i>	Rowan					<i>Phyllitis scolopendrium</i>	Hair's tongue		
<i>Sorbus species</i>	Whitebeam species					<i>Poa nemoralis</i>	Wood meadow-grass		
<i>Sorbus torminalis</i>	Wild service tree					<i>Polygonum vulgare</i>	Common poly-pody		
<i>Taxus baccata</i>	Yew					<i>Polystichum aculeatum</i>	Hard shield fern		
<i>Tilia platyphyllos</i>	Large-leaved lime					<i>Polystichum setiferum</i>	Soft shield fern		
<i>Ulex europaeus</i>	Gorse					<i>Potentilla sterilis</i>	Barren strawberry		
<i>Ulmus species</i>	Elm species					<i>Primula elatior</i>	Oldip		
<i>Viburnum lantana</i>	Wayfaring-tree					<i>Primula vulgaris</i>	Primrose		
<i>Viburnum opulus</i>	Gelder rose					<i>Ranunculus auricomus</i>	Goldlocks buttercup		
						<i>Sanicula europaea</i>	Sanicle		
						<i>Teucrium scorodonia</i>	Wood sage		
						<i>Veronica montana</i>	Wood speedwell		
						<i>Viola odorata</i>	Sweet violet		
						<i>Viola reichenbachiana</i>	Early dog violet		
						<i>Viola riviniana</i>	Common dog violet		
Total species for each 30m section		1	2	4					
Average per 30m section					2.33333333				
HEDGEROW ASSESSMENT									
Hedgerow features (taken from Hedgerow Regulations 1997 Part 11 Paragraph 7(4) to (j)).									
(a) A bank or wall which supports the hedgerow along at least half of its length;									Present
(b) Gaps which aggregate do not exceed 10% of length of hedgerow;									Present
(c) Where the length of the hedgerow does not exceed 50m, at least one standard tree; (standard tree >20cm DBH (or 63cm circ) and multi-stemmed is >15cm DBH (or 47cm circ).									Absent
(d) Where the length of the hedgerow exceeds 50m but does not exceed 100m, at least 2 standard trees;									Absent
(e) Where the length of the hedgerow exceeds 100m, such number of standard trees (within any part of its length) as would when averaged over its total length amount at least one for each 50m;									Absent
(f) At least 3 woodland species (Schedule 2) within one metre, in any direction, of the outermost edges of the hedgerow;									Absent
(g) A ditch along at least one half of the length of the hedgerow;									Absent
(h) Connections scoring 4 points or more in accordance with sub-paragraph (5) 1									Absent
(i) A parallel hedge within 15m of the hedgerow;									Absent
Total number of features present									2
Notable shrub or herb species that occur along the length of the entire hedge which are not listed in Schedule 2 or 3									
Common nettle, bramble, ivy, creeping thistle, common ragwort, sycamore, horse chestnut.									
Total number of other hedgerows connecting to hedgerow that is subject of survey									
0									
Signs of use by notable fauna									
None observed									
Is the Hedgerow obviously less than 30 years in age?									No
Does hedge currently support or have desk study records of spp protected in Schedules 1, 5 or 8 of the WaCA, or red data book species for 2007 to date.									No
Does the hedge include at least 7 woody species (from Schedule 3)									No
Does the hedge include at least 6 woody species (from Schedule 3) + 3 features listed overleaf?									No
Does the hedge include at least 5 woody species (from Schedule 3), including native black poplar, small or large lvd lime or service tree?									No
Does the hedge include at least 5 woody species (from Schedule 3) + four features listed overleaf?									No
Hedge adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic + at least 4 woody species (from Schedule 3) + at least 2 of the features described in (a) to (g) above.									No
Qualifies as 'IMPORTANT HEDGEROW'?									No
Notes									
PHASE 1 HABITAT CODE: J2.3.2 Infract species-poor hedge and trees.									
Are further surveys needed?									No

HS1 HEDGEROW SURVEY										
Ecology ID 1	Hedgerow 44			Land Parcel Reference		ST153085, WS16934		Date	29/09/2017	
Weather Conditions	Sunny			Surveyor(s)		Phil Newberry, David Locke		Transect ID	F001	
Wind	2	Air Temperature (°C)	16	Cloud Cover		4	Rain	0		
Start	Easting (X)	359793			End	Easting (X)	359753			
	Northing (Y)	125887				Northing (Y)	125798			
Total length of hedge section (m)		125			Number of 30m sections to be assessed		2			
Height of hedge (m)		7			Width of hedge (m)		3			
Number and length of gaps in hedge (as an overall % of length)					Number of mature trees (>20cm DBH) in total length of hedge					
0					0					
Are there any ditches along the length of the hedge?		No		Orientation of ditch		NA		Wet or dry Ditch		N/A
List of Schedule 3 Species for hedgerow assessment within 30m sections.						Schedule 2 species, to be recorded along entire length of hedge (within 1m of outermost edges of the hedgerow)				
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR		
<i>Acer campestre</i>	Field maple					<i>Adoxa moschatellina</i>	Moschatel			
<i>Alnus glutinosa</i>	Alder					<i>Ajuga reptans</i>	Bugle			
<i>Betula pendula</i>	Silver birch					<i>Allium ursinum</i>	Ramsons			
<i>Betula pubescens</i>	Downy birch					<i>Anemone nemorosa</i>	Wood anemone			
<i>Carpinus betulus</i>	Hornbeam					<i>Arum maculatum</i>	Lords-and-ladies			
<i>Cornus sanguinea</i>	Dogwood					<i>Athyrium filix-femina</i>	Lady fern			
<i>Corylus avellana</i>	Hazel					<i>Brachypodium sylvaticum</i>	Wood false-brome		R	
<i>Crataegus laevigata</i>	Midland hawthorn					<i>Bromus ramosus</i>	Hairy brome			
<i>Crataegus monogyna</i>	Hawthorn		D		A	<i>Campanula trachelium</i>	Nettle-leaved bellflower			
<i>Daphne laureola</i>	Spurge-laurel					<i>Carex sylvatica</i>	Wood sedge			
<i>Daphne mezereum</i>	Daphne mezereum					<i>Circaea lutetiana</i>	Enchanters nightshade			
<i>Euonymus europaeus</i>	Spindle					<i>Conopodium majus</i>	Pignut			
<i>Fagus sylvatica</i>	Beech					<i>Dryopteris affinis</i>	Scaly male-fern			
<i>Frangula alnus</i>	Alder buckthorn					<i>Dryopteris carthusiana</i>	Narrow buckler-fern			
<i>Fraxinus excelsior</i>	Ash		R		R	<i>Dryopteris dilatata</i>	Broad buckler-fern			
<i>Ilex aquifolium</i>	Holly					<i>Dryopteris filix-mas</i>	Male fern			
<i>Ligustrum vulgare</i>	Wild privet					<i>Epipactis helleborine</i>	Broad-leaved helleborine			
<i>Malus sylvestris</i>	Crab apple					<i>Equisetum sylvaticum</i>	Wood horsetail			
<i>Populus alba</i>	White poplar					<i>Euphorbia amygdaloides</i>	Wood spurge			
<i>Populus nigra ssp. betulifolia</i>	Black poplar					<i>Festuca gigantea</i>	Giant fescue			
<i>Populus tremula</i>	Aspen					<i>Fragaria vesca</i>	Wild strawberry			
<i>Populus x canescens</i>	Grey poplar					<i>Galium odoratum</i>	Sweet woodruff			
<i>Prunus avium</i>	Wild cherry					<i>Geranium robertianum</i>	Herb Robert			
<i>Prunus spinosa</i>	Blackthorn	O			R	<i>Geum urbanum</i>	Wood aven			
<i>Pyrus cordata</i>	Plymouth pear					<i>Hyacinthoides non-scripta</i>	Bluebell			
<i>Pyrus pyraster</i>	Wild pear					<i>Lamium stramonium</i>	Yellow archangel			
<i>Quercus robur</i>	Pedunculata oak					<i>Lathraea squamaria</i>	Toothwort			
<i>Rhamnus cathartica</i>	Buckthorn					<i>Luzula pilosa</i>	Hairy wood-rush			
<i>Ribes uva-crispa</i>	Gooseberry					<i>Melampyrum pratense</i>	Common cow-wheat			
<i>Rosa species</i>	Rose species					<i>Mercurialis perennis</i>	Dog's mercury			
<i>Salix species</i>	Willow species					<i>Milium effusum</i>	Wood millet			
<i>Salix viminalis</i>	Oster					<i>Orchis mascula</i>	Early purple orchid			
<i>Sambucus nigra</i>	Elder	R			R	<i>Oxalis acetosella</i>	Wood sorrel			
	Sub-totals	2	2	0		<i>Paris quadrifolia</i>	Herb Paris			
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR		
<i>Sorbus aucuparia</i>	Rowan					<i>Phyllitis scolopendrium</i>	Hart's tongue			
<i>Sorbus species</i>	Whitebeam species					<i>Poa nemoralis</i>	Wood meadow-grass			
<i>Sorbus torminalis</i>	Wild service tree					<i>Polypodium vulgare</i>	Common polypody			
<i>Taxus baccata</i>	Yew					<i>Polystichum aculeatum</i>	Hard shield fern			
<i>Tilia platyphyllos</i>	Large-leaved lime					<i>Polystichum setiferum</i>	Soft shield fern			
<i>Ulex europaeus</i>	Gorse					<i>Potentilla sterilis</i>	Barren strawberry			
<i>Ulmus species</i>	Elm species					<i>Primula elatior</i>	Oxlip			
<i>Viburnum lantana</i>	Wayfaring-tree					<i>Primula vulgaris</i>	Primrose			
<i>Viburnum opulus</i>	Guelder rose					<i>Ranunculus auricomus</i>	Goldlocks buttercup			
						<i>Sanicula europaea</i>	Sanicle			
						<i>Teucrium scorodonia</i>	Wood sage			
						<i>Veronica montana</i>	Wood speedwell			
						<i>Viola odorata</i>	Sweet violet			
						<i>Viola reichenbachiana</i>	Early dog violet			
						<i>Viola riviniana</i>	Common dog violet			
Total species for each 30m section		2	2	0						
Average per 30m section					2					
HEDGEROW ASSESSMENT										
Hedgerow features (taken from Hedgerow Regulations 1997 Part 11 Paragraph 7(4) to (i)).										
(a) A bank or wall which supports the hedgerow along at least half of its length;									Absent	
(b) Gaps which aggregate do not exceed 10% of length of hedgerow.									Present	
(c) Where the length of the hedgerow does not exceed 50m, at least one standard tree; (standard tree >20cm DBH (or 63cm circ) and multistemmed is >15cm DBH (or 47cm circ).									Absent	
(d) Where the length of the hedgerow exceeds 50m but does not exceed 100m, at least 2 standard trees;									Absent	
(e) Where the length of the hedgerow exceeds 100m, such number of standard trees (within any part of its length) as would when averaged over its total length amount to at least one for each 50m;									Absent	
(f) At least 3 woodland species (Schedule 2) within one metre, in any direction, of the outermost edges of the hedgerow.									Absent	
(g) A ditch along at least one half of the length of the hedgerow;									Absent	
(h) Connections scoring 4 points or more in accordance with sub-paragraph (5) 1									Absent	
(i) A parallel hedge within 15m of the hedgerow.									Absent	
Total number of features present									1	
Notable shrub or herb species that occur along the length of the entire hedge which are not listed in Schedule 2 or 3										
Cock's-foot, common nettle, ground-ivy, bramble, red fescue, red campion, ivy, cleavers, woody nightshade, sycamore.										
Total number of other hedgerows connecting to hedgerow that is subject of survey										
0										
Signs of use by notable fauna										
None observed										
Is the Hedgerow obviously less than 30 years in age?									No	
Does hedge currently support or have desk study records of spp protected in Schedules 1, 5 or 8 of the WaCA, or red data book species for 2007 to date.									No	
Does the hedge include at least 7 woody species (from Schedule 3)									No	
Does the hedge include at least 6 woody species (from Schedule 3) + 3 features listed overleaf?									No	
Does the hedge include at least 6 woody species (from Schedule 3), including native black poplar, small or large ivy lime or service tree?									No	
Does the hedge include at least 5 woody species (from Schedule 3) + four features listed overleaf?									No	
Hedge adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic + at least 4 woody species (from Schedule 3) + at least 2 of the features described in (a) to (g) above.									No	
Qualifies as 'IMPORTANT HEDGEROW'?										
No										
Notes										
PHASE 1 HABITAT CODE: J2.3.2 Inact species-poor hedge and trees.										
									Are further surveys needed?	

HS1 HEDGEROW SURVEY											
Ecology ID 1	Hedgerow 45			Land Parcel Reference		ST128002, WS49476		Date	27/09/2017		
Weather Conditions	Light rain			Surveyor(s)		Phil Newberry, David Locke		Transect ID	F001		
Wind	1	Air Temperature (°C)	17		Cloud Cover	8		Rain	1		
Start	Easting (X)		358984		End		Easting (X)		359518		
	Northing (Y)		125549				Northing (Y)		125705		
Total length of hedge section (m)	550			Number of 30m sections to be assessed			3				
Height of hedge (m)	2			Width of hedge (m)			2				
Number and length of gaps in hedge (as an overall % of length)					Number of mature trees (>20cm DBH) in total length of hedge						
0					13						
Are there any ditches along the length of the hedge?	Yes		Orientation of ditch		N		Wet or dry Ditch		Dry		
List of Schedule 3 Species for hedgerow assessment within 30m sections.					Schedule 2 species, to be recorded along entire length of hedge (within 1m of outermost edges of the hedgerow)						
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR			
<i>Acer campestre</i>	Field maple	O			R	<i>Ajuga reptans</i>	Moschatel				
<i>Alnus glutinosa</i>	Alder					<i>Allium ursinum</i>	Bugle				
<i>Betula pendula</i>	Silver birch					<i>Anemone nemorosa</i>	Ramsons				
<i>Betula pubescens</i>	Downy birch					<i>Arum maculatum</i>	Wood anemone				
<i>Carpinus betulus</i>	Hornbeam					<i>Athyrium filix-femina</i>	Lords-and-ladies				
<i>Cornus sanguinea</i>	Dogwood	F			O	<i>Brachypodium sylvaticum</i>	Lady fern				
<i>Corylus avellana</i>	Hazel					<i>Bromus ramosus</i>	Wood false-brome	R			
<i>Crataegus laevigata</i>	Midland hawthorn					<i>Camparula trachelium</i>	Hairy brome				
<i>Crataegus monogyna</i>	Hawthorn		R		R	<i>Carex sylvatica</i>	Nettle-leaved bellflower				
<i>Daphne laureola</i>	Spurge-laurel					<i>Circaea lutetiana</i>	Wood sedge				
<i>Daphne mezereum</i>	Daphne mezereon					<i>Conopodium majus</i>	Enchanters nighshade				
<i>Eucrymus europaeus</i>	Spindle					<i>Dryopteris affinis</i>	Pignut				
<i>Fagus sylvatica</i>	Beech					<i>Dryopteris carthusiana</i>	Scaly male-fern				
<i>Fraxinus alnus</i>	Alder buckthorn					<i>Dryopteris dilatata</i>	Narrow buckler fern				
<i>Fraxinus excelsior</i>	Ash	R	A		F	<i>Dryopteris filix-mas</i>	Broad buckler-fern				
<i>Ilex aquifolium</i>	Holly					<i>Epipactis helleborine</i>	Male fern				
<i>Ligustrum vulgare</i>	Wild privet	R			R	<i>Equisetum sylvaticum</i>	Broad-leaved helleborine				
<i>Malus sylvestris</i>	Crab apple					<i>Euphorbia amygdaloides</i>	Wood horsetail				
<i>Populus alba</i>	White poplar					<i>Festuca gigantea</i>	Wood spurge				
<i>Populus nigra ssp betulifolia</i>	Black poplar					<i>Fragaria vesca</i>	Giant fescue				
<i>Populus tremula</i>	Aspen					<i>Galium odoratum</i>	Wild strawberry				
<i>Populus x canescens</i>	Grey poplar					<i>Geranium robertianum</i>	Sweet woodruff				
<i>Prunus avium</i>	Wild cherry					<i>Geum urbanum</i>	Herb Robert				
<i>Prunus spinosa</i>	Blackthorn			R	R	<i>Hyacinthoides non-scripta</i>	Wood aven				
<i>Pyrus cordata</i>	Plymouth pear					<i>Lamiastrium galeobdolon</i>	Bluebell				
<i>Pyrus pyraeaster</i>	Wild pear					<i>Lathraea squamaria</i>	Yellow archangel				
<i>Quercus robur</i>	Pedunculata oak					<i>Luzula pilosa</i>	Toothwort				
<i>Rhamnus cathartica</i>	Buckthorn					<i>Melampyrum pratense</i>	Hairy wood-rush				
<i>Ribes uva-crispa</i>	Gooseberry					<i>Mercurialis perennis</i>	Common cow-wheat				
<i>Rosa species</i>	Rose species					<i>Milium effusum</i>	Dog's mercury				
<i>Salix species</i>	Willow species					<i>Orchis mascula</i>	Wood millet				
<i>Salix viminalis</i>	Osier					<i>Oxalis acetosella</i>	Early purple orchid				
<i>Sambucus nigra</i>	Elder	O			R	<i>Paris quadrifolia</i>	Wood sorrel				
	Sub-totals	5	2	1							
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR			
<i>Sorbus aucuparia</i>	Rowan					<i>Phyllitis scolopendrium</i>	Hart's tongue				
<i>Sorbus species</i>	Whitethorn species					<i>Poa nemoralis</i>	Wood meadow-grass				
<i>Sorbus torminalis</i>	Wild service tree					<i>Polypodium vulgare</i>	Common polypody				
<i>Taxus baccata</i>	Yew					<i>Polystichum aculeatum</i>	Hard shield fern				
<i>Tilia platyphyllos</i>	Large-leaved lime					<i>Polystichum setiferum</i>	Soft shield fern				
<i>Ulex europaeus</i>	Gorse					<i>Potentilla sterilis</i>	Barren strawberry				
<i>Ulmus species</i>	Elm species	F		D	A	<i>Primula elatior</i>	Chip				
<i>Viburnum lantana</i>	Wayfaring-tree					<i>Primula vulgaris</i>	Primrose				
<i>Viburnum opulus</i>	Gelder rose					<i>Ranunculus auricomus</i>	Goldlocks buttercup				
						<i>Sanicula europaea</i>	Sanicula				
						<i>Teucrium scorodonia</i>	Wood sage				
						<i>Veronica montana</i>	Wood speedwell				
						<i>Viola odorata</i>	Sweet violet				
						<i>Viola reichenbachiana</i>	Early dog violet				
						<i>Viola riviniana</i>	Common dog violet				
		6	2	2							
	Total species for each 30m section				3.33333333						
	Average per 30m section										
HEDGEROW ASSESSMENT											
Hedgerow features (taken from Hedgerow Regulations 1997 Part 11 Paragraph 7(4) to (i)).											
(a) A bank or wall which supports the hedgerow along at least half of its length:										Absent	
(b) Gaps which aggregate do not exceed 10% of length of hedgerow:										Present	
(c) Where the length of the hedgerow does not exceed 50m, at least one standard tree; (standard tree >20cm DBH (or 63cm circ) and multitemmed is >15cm DBH (or 47cm circ).										Absent	
(d) Where the length of the hedgerow exceeds 50m but does not exceed 100m, at least 2 standard trees:										Absent	
(e) Where the length of the hedgerow exceeds 100m, such number of standard trees (within any part of its length) as would when averaged over its total length amount at least one for each 50m:										Present	
(f) At least 3 woodland species (Schedule 2) within one metre, in any direction, of the outermost edges of the hedgerow:										Absent	
(g) A ditch along at least one half of the length of the hedgerow:										Present	
(h) Connections scoring 4 points or more in accordance with sub-paragraph (5) *										Absent	
(i) A parallel hedge within 15m of the hedgerow:										Absent	
Total number of features present:										3	
Notable shrub or herb species that occur along the length of the entire hedge which are not listed in Schedule 2 or 3											
None observed											
Total number of other hedgerows connecting to hedgerow that is subject of survey											
1											
Signs of use by notable fauna											
None observed											
Is the Hedgerow obviously less than 30 years in age?											No
Does hedge currently support or have desk study records of spp protected in Schedules 1, 5 or 6 of the WACA, or red data book species for 2007 to date.											No
Does the hedge include at least 7 woody species (from Schedule 3)											No
Does the hedge include at least 6 woody species (from Schedule 3) + 3 features listed overleaf?											No
Does the hedge include at least 5 woody species (from Schedule 3), including native black poplar, small or large lrd lime or service tree?											No
Does the hedge include at least 5 woody species (from Schedule 3) + four features listed overleaf?											No
Hedge adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic + at least 4 woody species (from Schedule 3) + at least 2 of the features described in (a) to (g) above.											No
Qualifies as 'IMPORTANT HEDGEROW'?											No
Notes											
Tree height 12m. Southern side of hedgerow not surveyed due to narrowness of A303 road verge. PHASE 1 HABITAT CODE: J2.3.1 Intact species-rich hedge and trees.											
Are further surveys needed?										No	

HS1 HEDGEROW SURVEY											
Ecology ID 1	Hedgerow 46			Land Parcel Reference		WS75681		Date	27/09/2017		
Weather Conditions	Cloudy			Surveyor(s)		Phil Newberry and David Locke		Transect ID	F001		
Wind	1	Air Temperature (°C)		17	Cloud Cover		8	Rain	0		
Start	Easting (X)		358975		End		Easting (X)		358827		
	Northing (Y)		125555				Northing (Y)		125620		
Total length of hedge section (m)	160			Number of 30m sections to be assessed			2				
Height of hedge (m)	3.5			Width of hedge (m)			1				
Number and length of gaps in hedge (as an overall % of length)					Number of mature trees (>20cm DBH) in total length of hedge						
0					9						
Are there any ditches along the length of the hedge?					No	Orientation of ditch		NA		Wet or dry Ditch	NA
List of Schedule 3 Species for hedgerow assessment within 30m sections.					Schedule 2 species, to be recorded along entire length of hedge (within 1m of outermost edges of the hedgerow)						
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR			
<i>Acer campestre</i>	Field maple					<i>Adoxa moschatellina</i>	Moschatel				
<i>Alnus glutinosa</i>	Alder					<i>Ajuga reptans</i>	Bugle				
<i>Betula pendula</i>	Silver birch					<i>Allium ursinum</i>	Ransons				
<i>Betula pubescens</i>	Dowry birch					<i>Anemone nemorosa</i>	Wood anemone				
<i>Carpinus betulus</i>	Hornbeam					<i>Arum maculatum</i>	Lords-and-ladies				
<i>Cornus sanguinea</i>	Dogwood	O	O		O	<i>Athyrium filix-femina</i>	Lady fern				
<i>Corylus avellana</i>	Hazel					<i>Brachypodium sylvaticum</i>	Wood false-brome	R			
<i>Crataegus laevigata</i>	Midland hawthorn					<i>Bromus ramosus</i>	Hairy brome				
<i>Crataegus monogyna</i>	Hawthorn	O	F		F	<i>Camparula trachelium</i>	Nettle-leaved bellflower				
<i>Daphne laureola</i>	Spurge-laurel					<i>Carex sylvatica</i>	Wood sedge				
<i>Daphne mezereum</i>	Daphne mezereon					<i>Circaea lutetiana</i>	Enchanters nightshade				
<i>Eucrymus europaeus</i>	Spindle		F		O	<i>Conopodium majus</i>	Pignut				
<i>Fagus sylvatica</i>	Beech	A			F	<i>Dryopteris affinis</i>	Scaly male-fern				
<i>Fraxinus alnus</i>	Alder buckthorn					<i>Dryopteris carthusiana</i>	Narrow buckler fern				
<i>Fraxinus excelsior</i>	Ash		F		O	<i>Dryopteris dilatata</i>	Broad buckler-fern				
<i>Ilex aquifolium</i>	Holly					<i>Dryopteris filix-mas</i>	Male fern				
<i>Ligustrum vulgare</i>	Wild privet					<i>Eppactis helleborine</i>	Broad-leaved helleborine				
<i>Malus sylvestris</i>	Crab apple					<i>Equisetum sylvaticum</i>	Wood horsetail				
<i>Populus alba</i>	White poplar					<i>Euphorbia amygdaloides</i>	Wood spurge				
<i>Populus nigra ssp betulifolia</i>	Black poplar					<i>Festuca gigantea</i>	Giant fescue				
<i>Populus tremula</i>	Aspen					<i>Fragaria vesca</i>	Wild strawberry				
<i>Populus x canescens</i>	Crab poplar					<i>Galium odoratum</i>	Sweet woodruff				
<i>Prunus avium</i>	Wild cherry					<i>Geranium robertianum</i>	Herb Robert				
<i>Prunus spinosa</i>	Blackthorn					<i>Geum urbanum</i>	Wood avens				
<i>Pyrus cordata</i>	Plymouth pear					<i>Hyacinthoides non-scripta</i>	Bluebell				
<i>Pyrus pyrastrer</i>	Wild pear					<i>Lamiumstrum galeobdolon</i>	Yellow archangel				
<i>Quercus robur</i>	Pedunculata oak					<i>Lathraea squamaria</i>	Toothwort				
<i>Rhamnus cathartica</i>	Buckthorn					<i>Luzula pilosa</i>	Hairy wood-rush				
<i>Ribes uva-crispa</i>	Gooseberry					<i>Melampyrum pratense</i>	Common cow-wheat				
<i>Rosa species</i>	Rose species	R			R	<i>Mercurialis perennis</i>	Dog's mercury				
<i>Salix species</i>	Willow species					<i>Milium effusum</i>	Wood millet				
<i>Salix viminalis</i>	Osier					<i>Orchis mascula</i>	Early purple orchid				
<i>Sambucus nigra</i>	Elder					<i>Oxalis acetosella</i>	Wood sorrel				
	Sub-totals	4	4	0		<i>Paris quadrifolia</i>	Herb Paris				
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR			
<i>Sorbus aucuparia</i>	Rowan					<i>Phyllitis scolopendrium</i>	Hart's tongue				
<i>Sorbus species</i>	Whitebeam species					<i>Poa nemoralis</i>	Wood meadow-grass				
<i>Sorbus torminalis</i>	Wild service tree					<i>Polypodium vulgare</i>	Common polypody				
<i>Taxus baccata</i>	Yew	R			R	<i>Polystichum aculeatum</i>	Hard shield fern				
<i>Tilia platyphyllos</i>	Large-leaved lime					<i>Polystichum setiferum</i>	Soft shield fern				
<i>Ulex europaeus</i>	Gorse					<i>Potentilla sterilis</i>	Barren strawberry				
<i>Ulmus species</i>	Elm species					<i>Primula elatior</i>	Oxlip				
<i>Viburnum lantana</i>	Wayfaring-tree	R			R	<i>Primula vulgaris</i>	Primrose				
<i>Viburnum opulus</i>	Guelder rose					<i>Ranunculus auricomus</i>	Goldlocks buttercup				
						<i>Sanicula europaea</i>	Sanicle				
						<i>Teucrium scorodonia</i>	Wood sage				
						<i>Veronica montana</i>	Wood speedwell				
						<i>Viola odorata</i>	Sweet violet				
						<i>Viola reichenbachiana</i>	Early dog violet				
						<i>Viola riviniana</i>	Common dog violet				
	Total species for each 30m section	6	4	0							
	Average per 30m section				5						
HEDGEROW ASSESSMENT											
Hedgerow features (taken from Hedgerow Regulations 1997 Part 11 Paragraph 7(4) to (i)).											
(a) A bank or wall which supports the hedgerow along at least half of its length;										Absent	
(b) Gaps which aggregate do not exceed 10% of length of hedgerow;										Present	
(c) Where the length of the hedgerow does not exceed 50m, at least one standard tree; (standard tree >20cm DBH (or 63cm circ) and multitermed is >15cm DBH (or 47cm circ).										Absent	
(d) Where the length of the hedgerow exceeds 50m but does not exceed 100m, at least 2 standard trees;										Absent	
(e) Where the length of the hedgerow exceeds 100m, such number of standard trees (within any part of its length) as would when averaged over its total length amount at least one for each 50m;										Present	
(f) At least 3 woodland species (Schedule 2) within one metre, in any direction, of the outermost edges of the hedgerow;										Absent	
(g) A ditch along at least one half of the length of the hedgerow;										Absent	
(h) Connections scoring 4 points or more in accordance with sub-paragraph (5) 1										Absent	
(i) A parallel hedge within 15m of the hedgerow.										Absent	
Total number of features present										2	
Notable shrub or herb species that occur along the length of the entire hedge which are not listed in Schedule 2 or 3											
Sycamore and snowberry within hedgerow. Grand flora comprised of stinking iris, red fescue, common nettle, greater plantain, traveller's joy, ivy, false oat-grass.											
Total number of other hedgerows connecting to hedgerow that is subject of survey											
1											
Signs of use by notable fauna											
None observed											
Is the Hedgerow obviously less than 30 years in age?											No
Does hedge currently support or have desk study records of spp protected in Schedules 1, 5 or 8 of the WACA, or red data book species for 2007 to date.											No
Does the hedge include at least 7 woody species (from Schedule 3)											No
Does the hedge include at least 6 woody species (from Schedule 3) + 3 features listed overlaid?											No
Does the hedge include at least 6 woody species (from Schedule 3), including native black poplar, small or large lvd lime or service tree?											No
Does the hedge include at least 5 woody species (from Schedule 3) + 4 features listed overlaid?											No
Hedge adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic + at least 4 woody species (from Schedule 3) + at least 2 of the features described in (a) to (g) above.											Yes
Qualifies as 'IMPORTANT HEDGEROW'?											Yes
Notes											
Height of trees is approximately 10m. PHASE 1 HABITAT CODE: J2.3.1 Intact species-rich hedge and trees.											
Are further surveys needed?										No	

HS1 HEDGEROW SURVEY									
Ecology ID 1	Hedgerow 47			Land Parcel Reference		WS75681		Date	28/09/2017
Weather Conditions	Light rain			Surveyor(s)		Phil Newberry, David Locke	Transact ID		
Wind	1	Air Temperature (°C)	17		Cloud Cover	8	Rain	1	
Start	Easting (X)		358753		End	Easting (X)		358882	
	Northing (Y)		125553			Northing (Y)		125558	
Total length of hedge section (m)	135			Number of 30m sections to be assessed				2	
Height of hedge (m)	2			Width of hedge (m)				1.5	
Number and length of gaps in hedge (as an overall % of length)				Number of mature trees (>20cm DBH) in total length of hedge					
0				0					
Are there any ditches along the length of the hedge?	No		Orientation of ditch	NA		Wet or dry Ditch	NA		
List of Schedule 3 Species for hedgerow assessment within 30m sections.					Schedule 2 species, to be recorded along entire length of hedge (within 1m of outermost edges of the hedgerow)				
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR	
<i>Acer campestre</i>	Field maple	F	F		F	<i>Adoxa moschatellina</i>	Moschattel		
<i>Alnus glutinosa</i>	Alder					<i>Aluga reptans</i>	Bugle		
<i>Betula pendula</i>	Silver birch					<i>Allium ursinum</i>	Ramsons		
<i>Betula pubescens</i>	Downy birch					<i>Anemone nemorosa</i>	Wood anemone		
<i>Carpinus betulus</i>	Hornbeam					<i>Arum maculatum</i>	Lords-and-ladies		
<i>Cornus sanguinea</i>	Dogwood	F	F		F	<i>Athyrium filix-femina</i>	Lady fern		
<i>Corylus avellana</i>	Hazel					<i>Brachypodium sylvaticum</i>	Wood false-brome		
<i>Crataegus laevigata</i>	Midland hawthorn					<i>Bromus ramosus</i>	Hairy brome		
<i>Crataegus monogyna</i>	Hawthorn	F	F		F	<i>Campanula trachelium</i>	Nettle-leaved bellflower		
<i>Daphne laureola</i>	Spurge-laurel					<i>Carex sylvatica</i>	Wood sedge		
<i>Daphne mezereum</i>	Daphne mezereum					<i>Circaea lutetiana</i>	Enchanters nightshade		
<i>Eucryphia europaea</i>	Spindle					<i>Conopodium majus</i>	Pignut		
<i>Fagus sylvatica</i>	Beech					<i>Dryopteris affinis</i>	Scaly male-fern		
<i>Frangula alnus</i>	Alder buckthorn					<i>Dryopteris carthusiana</i>	Narrow buckler fern		
<i>Fraxinus excelsior</i>	Ash		R		R	<i>Dryopteris dilatata</i>	Broad buckler-fern		
<i>Ilex aquifolium</i>	Holly					<i>Dryopteris filix-mas</i>	Male fern		
<i>Ligustrum vulgare</i>	Wild privet					<i>Epipactis helleborine</i>	Broad-leaved helleborine		
<i>Malus sylvestris</i>	Crab apple					<i>Equisetum sylvaticum</i>	Wood horsetail		
<i>Populus alba</i>	White poplar					<i>Euphorbia amygdaloides</i>	Wood spurge		
<i>Populus nigra ssp. betulifolia</i>	Black poplar					<i>Festuca gigantea</i>	Giant fescue		
<i>Populus tremula</i>	Aspen					<i>Fragaria vesca</i>	Wild strawberry		
<i>Populus x canescens</i>	Grey poplar					<i>Galium odoratum</i>	Sweet woodruff		
<i>Prunus avium</i>	Wild cherry		R		R	<i>Geranium robertianum</i>	Hairt Robert		
<i>Prunus spinosa</i>	Blackthorn	R			R	<i>Geum urbanum</i>	Wood anem		
<i>Pyrus cordata</i>	Plymouth pear					<i>Hyacinthoides non-scripta</i>	Bluebell		
<i>Pyrus pyrastier</i>	Wild pear					<i>Lamium galeobdolon</i>	Yellow archangel		
<i>Quercus robur</i>	Pedunculata oak					<i>Lathraea squamaria</i>	Toothwort		
<i>Rhamnus cathartica</i>	Buckthorn					<i>Luzula pilosa</i>	Hairy wood-rush		
<i>Ribes uva-crispa</i>	Gooseberry					<i>Melampyrum pratense</i>	Common cow-wheat		
<i>Rosa species</i>	Rose species					<i>Mercurialis perennis</i>	Dog's mercury		
<i>Salix species</i>	Willow species					<i>Milium effusum</i>	Wood millet		
<i>Salix viminalis</i>	Osier					<i>Orchis mascula</i>	Early purple orchid		
<i>Sambucus nigra</i>	Elder					<i>Oxalis acetosella</i>	Wood sorrel		
Sub-totals		4	5	0		<i>Paris quadrifolia</i>	Herb Paris		
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR	
<i>Sorbus aucuparia</i>	Rowan					<i>Phyllitis scolopendrium</i>	Harts tongue		
<i>Sorbus species</i>	Whitebeam species					<i>Poa nemoralis</i>	Wood meadow-grass		
<i>Sorbus torminalis</i>	Wild service tree					<i>Polypodium vulgare</i>	Common polypody		
<i>Taxus baccata</i>	Yew					<i>Polystichum aculeatum</i>	Hard shield fern		
<i>Tilia platyphyllos</i>	Large-leaved lime					<i>Polystichum setiferum</i>	Soft shield fern		
<i>Ulex europaeus</i>	Gorse	R			R	<i>Potentilla sterilis</i>	Barren strawberry		
<i>Ulmus species</i>	Elm species	F			F	<i>Primula elatior</i>	Oldp		
<i>Viburnum lantana</i>	Wayfaring-tree					<i>Primula vulgaris</i>	Primrose		
<i>Viburnum opulus</i>	Gelder rose					<i>Ranunculus auricomus</i>	Goldlocks buttercup		
						<i>Sanicula europaea</i>	Sanicle		
						<i>Teucrium scorodonia</i>	Wood sage		
						<i>Veronica montana</i>	Wood speedwell		
						<i>Viola cobrata</i>	Sweet violet		
						<i>Viola reichenbachiana</i>	Early dog violet		
						<i>Viola riviniana</i>	Common dog violet		
Total species for each 30m section		6	5	0					
Average per 30m section					5.5				
HEDGEROW ASSESSMENT									
Hedgerow features (taken from Hedgerow Regulations 1997 Part 11 Paragraph 7(4) to (j)).									
(a) A bank or wall which supports the hedgerow along at least half of its length;								Absent	
(b) Gaps which aggregate do not exceed 10% of length of hedgerow;								Present	
(c) Where the length of the hedgerow does not exceed 50m, at least one standard tree; (standard tree >20cm DBH (or 63cm circ) and multistemmed is >15cm DBH (or 47cm circ).								Absent	
(d) Where the length of the hedgerow exceeds 50m but does not exceed 100m, at least 2 standard trees;								Absent	
(e) Where the length of the hedgerow exceeds 100m, such number of standard trees (within any part of its length) as would when averaged over its total length amount at least one for each 50m;								Absent	
(f) At least 3 woodland species (Schedule 2) within one metre, in any direction, of the outermost edges of the hedgerow;								Absent	
(g) A ditch along at least one half of the length of the hedgerow;								Absent	
(h) Connections scoring 4 points or more in accordance with sub-paragraph (5) *								Absent	
(i) A parallel hedge within 15m of the hedgerow.								Absent	
Total number of features present								1	
Notable shrub or herb species that occur along the length of the entire hedge which are not listed in Schedule 2 or 3									
Buddleja, bramble									
Total number of other hedgerows connecting to hedgerow that is subject of survey									
1									
Signs of use by notable fauna									
None observed									
Is the Hedgerow obviously less than 30 years in age?								Yes	
Does hedge currently support or have desk study records of spp protected in Schedules 1, 5 or 8 of the WaCA, or red data book species for 2007 to date.								No	
Does the hedge include at least 7 woody species (from Schedule 3)								No	
Does the hedge include at least 6 woody species (from Schedule 3) + 3 features listed overleaf?								No	
Does the hedge include at least 5 woody species (from Schedule 3), including native black poplar, small or large hd lime or service tree?								No	
Does the hedge include at least 5 woody species (from Schedule 3) + 4 features listed overleaf?								No	
Hedge adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic + at least 4 woody species (from Schedule 3) + at least 2 of the features described in (a) to (g) above.								No	
Qualifies as 'IMPORTANT HEDGEROW'?								No	
Notes									
Hedgerow not initially marked on map but is within the Scheme extent. PHASE 1 HABITAT CODE: J2.1.1. Intact species-rich hedge.									
Are further surveys needed?								No	

HS1 HEDGEROW SURVEY									
Ecology ID 1	Hedgerow 48			Land Parcel Reference		WS25151, WS75681, O1WS75681, O1U00154.	Date	29/09/2017	
Weather Conditions	Sunny			Surveyor(s)		Phil Neberry, David Locke	Transect ID	F001	
Wind	2	Air Temperature (°C)	16		Cloud Cover	4	Rain	0	
Start	Easting (X)		358746		End	Easting (X)		358739	
	Northing (Y)		125522			Northing (Y)		125597	
Total length of hedge section (m)	80			Number of 30m sections to be assessed		1			
Height of hedge (m)	6			Width of hedge (m)		4			
Number and length of gaps in hedge (as an overall % of length)					Number of mature trees (>20cm DBH) in total length of hedge				
0					0				
Are there any ditches along the length of the hedge?	No	Orientation of ditch	N/A		Wet or dry Ditch	N/A			
List of Schedule 3 Species for hedgerow assessment within 30m sections.					Schedule 2 species, to be recorded along entire length of hedge (within 1m of outermost edges of the hedgerow)				
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR	
<i>Acer campestre</i>	Field maple	A			A	<i>Adoxa moschatellina</i>	Moschatel		
<i>Alnus glutinosa</i>	Alder					<i>Ajuga reptans</i>	Bugle		
<i>Betula pendula</i>	Silver birch					<i>Allium ursinum</i>	Ramsons		
<i>Betula pubescens</i>	Downy birch					<i>Anemone nemorosa</i>	Wood anemone		
<i>Carpinus betulus</i>	Hornbeam					<i>Arum maculatum</i>	Lords-and-ladies		
<i>Cornus sanguinea</i>	Dogwood					<i>Athyrium filix-femina</i>	Lady fern		
<i>Corylus avellana</i>	Hazel					<i>Brachypodium sylvaticum</i>	Wood false-brome		
<i>Crataegus laevigata</i>	Midland hawthorn					<i>Bromus ramosus</i>	Hairy brome		
<i>Crataegus monogyna</i>	Hawthorn	O			O	<i>Campanula trachelium</i>	Nettle-leaved bellflower		
<i>Daphne laureola</i>	Spurge-laurel					<i>Carex sylvatica</i>	Wood sedge		
<i>Daphne mezereum</i>	Daphne mezereon					<i>Circaea lutetiana</i>	Enchanters nightshade		
<i>Euonymus europaeus</i>	Spindle					<i>Conopodium majus</i>	Pignut		
<i>Fagus sylvatica</i>	Beech					<i>Dryopteris affinis</i>	Scaly male-fern		
<i>Frangula alnus</i>	Alder buckthorn					<i>Dryopteris carthusiana</i>	Narrow buckler fern		
<i>Fraxinus excelsior</i>	Ash					<i>Dryopteris dilatata</i>	Broad buckler-fern		
<i>Ilex aquifolium</i>	Holly					<i>Dryopteris filix-mas</i>	Male fern		
<i>Ligustrum vulgare</i>	Wild privet					<i>Epipactis helleborine</i>	Broad-leaved helleborine		
<i>Malus sylvestris</i>	Crab apple					<i>Equisetum sylvaticum</i>	Wood horsetail		
<i>Populus alba</i>	White poplar					<i>Euphorbia amygdaloides</i>	Wood spurge		
<i>Populus nigra ssp betulifolia</i>	Black poplar					<i>Festuca gigantea</i>	Giant fescue		
<i>Populus tremula</i>	Aspen					<i>Fragaria vesca</i>	Wild strawberry		
<i>Populus x canescens</i>	Grey poplar					<i>Galium odoratum</i>	Sweet woodruff		
<i>Prunus avium</i>	Wild cherry					<i>Geranium robertianum</i>	Herb Robert		
<i>Prunus spinosa</i>	Blackthorn					<i>Geum urbanum</i>	Wood aven		
<i>Pyrus cordata</i>	Plymouth pear					<i>Hyacinthoides non-scripta</i>	Bluebell		
<i>Pyrus pyrastier</i>	Wild pear					<i>Lamiumstrum galeobdolon</i>	Yellow archangel		
<i>Quercus robur</i>	Pedunculata oak					<i>Lathraea squamaria</i>	Toothwort		
<i>Rhamnus cathartica</i>	Buckthorn					<i>Luzula pilosa</i>	Hairy wood-rush		
<i>Ribes uva-crispa</i>	Gooseberry					<i>Melampyrum pratense</i>	Common cow-wheat		
<i>Rosa species</i>	Rose species					<i>Mercurialis perennis</i>	Dog's mercury		
<i>Salix species</i>	Willow species					<i>Milium effusum</i>	Wood millet		
<i>Salix viminalis</i>	Osier					<i>Orchis mascula</i>	Early purple orchid		
<i>Sambucus nigra</i>	Elder	O			O	<i>Oxalis acetosella</i>	Wood sorrel		
	Sub-totals	3	0	0		<i>Paris quadrifolia</i>	Herb Paris		
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR	
<i>Sorbus aucuparia</i>	Rowan					<i>Phyllitis scolopendrium</i>	Hart's tongue		
<i>Sorbus species</i>	Whitebeam species					<i>Poa nemoralis</i>	Wood meadow-grass		
<i>Sorbus torminalis</i>	Wild service tree					<i>Polypodium vulgare</i>	Common polypody		
<i>Taxus baccata</i>	Yew					<i>Polystichum aculeatum</i>	Hard shield fern		
<i>Tilia platyphyllos</i>	Large-leaved lime					<i>Polystichum setiferum</i>	Soft shield fern		
<i>Ulex europaeus</i>	Gorse	R			R	<i>Potentilla sterilis</i>	Barren strawberry		
<i>Ulmus species</i>	Elm species					<i>Primula elatior</i>	Cxip		
<i>Viburnum lantana</i>	Wayfaring-tree					<i>Primula vulgaris</i>	Primrose		
<i>Viburnum opulus</i>	Gelder rose					<i>Ranunculus auricomus</i>	Goldlocks buttercup		
						<i>Sanicula europaea</i>	Sanicle		
						<i>Teucrium scorodonia</i>	Wood sage		
						<i>Veronica montana</i>	Wood speedwell		
						<i>Viola odorata</i>	Sweet violet		
						<i>Viola reichenbachiana</i>	Early dog violet		
						<i>Viola riviniana</i>	Common dog violet		
	Total species for each 30m section	4	0	0					
	Average per 30m section				4				
HEDGEROW ASSESSMENT									
Hedgerow features (taken from Hedgerow Regulations 1997 Part 11 Paragraph 7(4) to (i)).									
(a) A bank or wall which supports the hedgerow along at least half of its length;								Present	
(b) Gaps which aggregate do not exceed 10% of length of hedgerow;								Present	
(c) Where the length of the hedgerow does not exceed 50m, at least one standard tree; (standard tree >20cm DBH (or 63cm circ) and multistemmed is >15cm DBH (or 47cm circ).								Absent	
(d) Where the length of the hedgerow exceeds 50m but does not exceed 100m, at least 2 standard trees;								Absent	
(e) Where the length of the hedgerow exceeds 100m, such number of standard trees (within any part of its length) as would when averaged over its total length amount at least one for each 50m;								Absent	
(f) At least 3 woodland species (Schedule 2) within one metre, in any direction, of the outermost edges of the hedgerow;								Absent	
(g) A ditch along at least one half of the length of the hedgerow;								Absent	
(h) Connections scoring 4 points or more in accordance with sub-paragraph (5) 3								Absent	
(i) A parallel hedge within 15m of the hedgerow.								Absent	
Total number of features present								2	
Notable shrub or herb species that occur along the length of the entire hedge which are not listed in Schedule 2 or 3									
bramble, creeping buttercup, broad-leaved dock, buddleja, traveller's joy.									
Total number of other hedgerows connecting to hedgerow that is subject of survey									
2									
Signs of use by notable fauna									
None observed									
Is the Hedgerow obviously less than 30 years in age?								No	
Does hedge currently support or have desk study records of spp protected in Schedules 1, 5 or 6 of the WACA, or red data book species for 2007 to date.								No	
Does the hedge include at least 7 woody species (from Schedule 3)								No	
Does the hedge include at least 6 woody species (from Schedule 3) + 3 features listed overleaf?								No	
Does the hedge include at least 6 woody species (from Schedule 3), including native black poplar, small or large ivy lime or service tree?								No	
Does the hedge include at least 5 woody species (from Schedule 3) + 4 features listed overleaf?								No	
Hedge adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic + at least 4 woody species (from Schedule 3) + at least 2 of the features described in (a) to (g) above.								No	
Qualifies as 'IMPORTANT HEDGEROW'?								No	
Notes									
PHASE 1 HABITAT CODE: J2.1.2. Intact species-poor hedge.									
								Are further surveys needed?	
								No	

HS1 HEDGEROW SURVEY											
Ecology ID 1	Hedgerow 49				Land Parcel Reference		WSS0293, WSS7681, O1U00155, O1U00156, O100157, U00152		Date	28/09/2017	
Weather Conditions	Light rain				Surveyor(s)		Phil Newberry, David Locke		Transect ID	F001	
Wind	1	Air Temperature (°C)	17		Cloud Cover	8		Rain	1		
Start	Easting (X)		358743			End		Easting (X)			358833
	Northing (Y)		125521			End		Northing (Y)			125530
Total length of hedge section (m)				80		Number of 30m sections to be assessed				1	
Height of hedge (m)				10		Width of hedge (m)				1.5	
Number and length of gaps in hedge (as an overall % of length)					Number of mature trees (>20cm DBH) in total length of hedge						
0					6						
Are there any ditches along the length of the hedge?			No		Orientation of ditch		N/A		Wet or dry Ditch		N/A
List of Schedule 3 Species for hedgerow assessment within 30m sections.						Schedule 2 species, to be recorded along entire length of hedge (within 1m of outermost edges of the hedgerow)					
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR			
<i>Acer campestre</i>	Field maple	R			R	<i>Adoxa moschatellina</i>	Moschatel				
<i>Alnus glutinosa</i>	Alder					<i>Ajuga reptans</i>	Bugle				
<i>Betula pendula</i>	Silver birch					<i>Allium ursinum</i>	Ramsons				
<i>Betula pubescens</i>	Downy birch					<i>Anemone nemorosa</i>	Wood anemone				
<i>Carpinus betulus</i>	Hornbeam					<i>Arum maculatum</i>	Lords-and-ladies				
<i>Cornus sanguinea</i>	Dogwood					<i>Athyrium filix-femina</i>	Lady fern				
<i>Corylus avellana</i>	Hazel					<i>Brachypodium sylvaticum</i>	Wood false-brome				
<i>Crataegus laevigata</i>	Midland hawthorn					<i>Bromus ramosus</i>	Hairy brome				
<i>Crataegus monogyna</i>	Hawthorn	F			F	<i>Campanula trachelium</i>	Nettle-leaved bellflower				
<i>Daphne laureola</i>	Spurge-laurel					<i>Carex sylvatica</i>	Wood sedge				
<i>Daphne mezereum</i>	Daphne mezereum					<i>Circaea lutetiana</i>	Enchanters nightshade				
<i>Euonymus europaeus</i>	Spindle					<i>Conopodium majus</i>	Pignut				
<i>Fagus sylvatica</i>	Beech					<i>Dryopteris affinis</i>	Scaly male-fern				
<i>Frangula alnus</i>	Alder buckthorn					<i>Dryopteris carthusiana</i>	Narrow buckler fern				
<i>Fraxinus excelsior</i>	Ash	F			F	<i>Dryopteris dilatata</i>	Broad buckler-fern				
<i>Ilex aquifolium</i>	Holly					<i>Dryopteris filix-mas</i>	Male fern				
<i>Ligustrum vulgare</i>	Wild privet	O			O	<i>Epipactis helleborine</i>	Broad-leaved helleborine				
<i>Malus sylvestris</i>	Crab apple					<i>Equisetum sylvaticum</i>	Wood horsetail				
<i>Populus alba</i>	White poplar					<i>Euphorbia amygdaloides</i>	Wood spurge				
<i>Populus nigra ssp betulifolia</i>	Black poplar					<i>Festuca gigantea</i>	Giant fescue				
<i>Populus tremula</i>	Aspen					<i>Fragaria vesca</i>	Wild strawberry				
<i>Populus x canescens</i>	Grey poplar					<i>Galium odoratum</i>	Sweet woodruff				
<i>Prunus avium</i>	Wild cherry					<i>Geranium robertianum</i>	Herb Robert		R		
<i>Prunus spinosa</i>	Blackthorn					<i>Geum urbanum</i>	Wood avens				
<i>Pyrus cordata</i>	Plymouth pear					<i>Hyacinthoides non-scripta</i>	Bluebell				
<i>Pyrus pyrastrer</i>	Wild pear					<i>Lamiumstrum galeobdolon</i>	Yellow archangel				
<i>Quercus robur</i>	Pedunculata oak					<i>Lathraea squamaria</i>	Toothwort				
<i>Rhamnus cathartica</i>	Buckthorn					<i>Luzula pilosa</i>	Hairy wood-rush				
<i>Ribes uva-crispa</i>	Gooseberry					<i>Melampyrum pratense</i>	Common cow-wheat				
<i>Rosa species</i>	Rose species	O			O	<i>Mercurialis perennis</i>	Dog's mercury				
<i>Salix species</i>	Willow species					<i>Milium effusum</i>	Wood millet				
<i>Salix viminalis</i>	Osier					<i>Orchis mascula</i>	Early purple orchid				
<i>Sambucus nigra</i>	Elder	F			F	<i>Oxalis acetosella</i>	Wood sorrel				
	Sub-totals	6	0	0		<i>Paris quadrifolia</i>	Herb Paris				
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR			
<i>Sorbus aucuparia</i>	Rowan					<i>Phyllitis scolopendrium</i>	Hart's tongue				
<i>Sorbus species</i>	Whitebeam species					<i>Poa nemoralis</i>	Wood meadow-grass				
<i>Sorbus torminalis</i>	Wild service tree					<i>Polypodium vulgare</i>	Common polypody				
<i>Taxus baccata</i>	Yew					<i>Polystichum aculeatum</i>	Hard shield fern				
<i>Tilia platyphyllos</i>	Large-leaved lime					<i>Polystichum setiferum</i>	Soft shield fern				
<i>Ulex europaeus</i>	Gorse					<i>Potentilla sterilis</i>	Barren strawberry				
<i>Ulmus species</i>	Elm species					<i>Primula elatior</i>	Oxlip				
<i>Viburnum lantana</i>	Wayfaring-tree					<i>Primula vulgaris</i>	Primrose				
<i>Viburnum opulus</i>	Guedler rose					<i>Ranunculus auricomus</i>	Goldlocks buttercup				
						<i>Sanicula europaea</i>	Sanicle				
						<i>Teucrium scorodonia</i>	Wood sage				
						<i>Veronica montana</i>	Wood speedwell				
						<i>Viola odorata</i>	Sweet violet				
						<i>Viola reichenbachiana</i>	Early dog violet				
						<i>Viola riviniana</i>	Common dog violet				
Total species for each 30m section		6	0	0							
Average per 30m section		6	0	0							
HEDGEROW ASSESSMENT											
Hedgerow features (taken from Hedgerow Regulations 1997 Part 11 Paragraph 7(4) to (i)).											
(a) A bank or wall which supports the hedgerow along at least half of its length;										Present	
(b) Gaps which aggregate do not exceed 10% of length of hedgerow;										Present	
(c) Where the length of the hedgerow does not exceed 50m, at least one standard tree; (standard tree >20cm DBH (or 63cm circ) and multitermed is >15cm DBH (or 47cm circ).										Absent	
(d) Where the length of the hedgerow exceeds 50m but does not exceed 100m, at least 2 standard trees;										Present	
(e) Where the length of the hedgerow exceeds 100m, such number of standard trees (within any part of its length) as would when averaged over its total length amount at least one for each 50m;										Absent	
(f) At least 3 woodland species (Schedule 2) within one metre, in any direction, of the outermost edges of the hedgerow;										Absent	
(g) A ditch along at least one half of the length of the hedgerow;										Absent	
(h) Connections scoring 4 points or more in accordance with sub-paragraph (5) 1										Absent	
(i) A parallel hedge within 15m of the hedgerow.										Absent	
Total number of features present										3	
Notable shrub or herb species that occur along the length of the entire hedge which are not listed in Schedule 2 or 3											
Ivy, false oat-grass, bramble, hedge bedstraw, red dead-nettle, garlic mustard											
Total number of other hedgerows connecting to hedgerow that is subject of survey											
1											
Signs of use by notable fauna											
None observed											
Is the Hedgerow obviously less than 30 years in age?										No	
Does hedge currently support or have desk study records of spp protected in Schedules 1, 5 or 8 of the WaCA, or red data book species for 2007 to date.										No	
Does the hedge include at least 7 woody species (from Schedule 3)										No	
Does the hedge include at least 6 woody species (from Schedule 3) + 3 features listed overleaf?										Yes	
Does the hedge include at least 6 woody species (from Schedule 3), including native black poplar, small or large wd lime or service tree?										No	
Does the hedge include at least 5 woody species (from Schedule 3) + 4 features listed overleaf?										No	
Hedge adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic + at least 4 woody species (from Schedule 3) + at least 2 of the features described in (a) to (g) above.										No	
Qualifies as 'IMPORTANT HEDGEROW'?										Yes	
Notes											
Southern side of hedgerow not surveyed due to narrowness of A303 verge. PHASE 1 HABITAT CODE: J2.3.1 Intact species-rich hedge and trees.											
Are further surveys needed?										No	

HS1 HEDGEROW SURVEY										
Ecology ID ¹	Hedgerow 50			Land Parcel Reference			ST97976, WS57211, WS62784, U00155, O1U00154, U00128		Date	27/09/2017
Weather Conditions	cloudy			Surveyor(s)		Phil Newberry, David Locke		Transect ID	F001	
Wind	1	Air Temperature (°C)		17	Cloud Cover	8	Rain		0	
Start	Easting (X)		358733		End		Easting (X)		358761	
	Northing (Y)		125443				Northing (Y)		125322	
Total length of hedge section (m)	130			Number of 30m sections to be assessed			2			
Height of hedge (m)	3			Width of hedge (m)			5			
Number and length of gaps in hedge (as an overall % of length)					Number of mature trees (>20cm DBH) in total length of hedge					
0					25					
Are there any ditches along the length of the hedge?	No	Orientation of ditch	N/A		Wet or dry Ditch	N/A				
List of Schedule 3 Species for hedgerow assessment within 30m sections.					Schedule 2 species, to be recorded along entire length of hedge (within 1m of outermost edges of the hedgerow)					
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR		
<i>Acer campestre</i>	Field maple	A	O		F	<i>Adoxa moschatellina</i>	Moschatel			
<i>Alnus glutinosa</i>	Alder					<i>Ajuga reptans</i>	Bugle			
<i>Betula pendula</i>	Silver birch					<i>Allium ursinum</i>	Ramsons			
<i>Betula pubescens</i>	Downy birch					<i>Anemone nemorosa</i>	Wood anemone			
<i>Carpinus betulus</i>	Hornbeam					<i>Arum maculatum</i>	Lords-and-ladies			
<i>Cornus sanguinea</i>	Dogwood		F		O	<i>Athyrium filix-femina</i>	Lady fern			
<i>Corylus avellana</i>	Hazel					<i>Brachypodium sylvaticum</i>	Wood false-brome	R		
<i>Crataegus laevigata</i>	Midland hawthorn					<i>Bromus ramosus</i>	Hairy brome			
<i>Crataegus monogyna</i>	Hawthorn	F	O		F	<i>Campanula trachelium</i>	Nettle-leaved bellflower			
<i>Daphne laureola</i>	Spurge-laurel					<i>Carex sylvatica</i>	Wood sedge			
<i>Daphne mezereum</i>	Daphne mezereum					<i>Circaea lutetiana</i>	Enchanter's nightshade			
<i>Euonymus europaeus</i>	Spindle					<i>Conopodium majus</i>	Pignut			
<i>Fagus sylvatica</i>	Beech					<i>Dryopteris affinis</i>	Scaly male-fern			
<i>Frangula alnus</i>	Alder buckthorn					<i>Dryopteris carthusiana</i>	Narrow buckler fern			
<i>Fraxinus excelsior</i>	Ash		R		R	<i>Dryopteris dilatata</i>	Broad buckler-fern			
<i>Ilex aquifolium</i>	Holly					<i>Dryopteris filix-mas</i>	Male fern			
<i>Ligustrum vulgare</i>	Wild privet	F	F		F	<i>Epipactis helleborine</i>	Broad-leaved helleborine			
<i>Malus sylvestris</i>	Crab apple					<i>Equisetum sylvaticum</i>	Wood horsetail			
<i>Populus alba</i>	White poplar					<i>Euphorbia amygdaloides</i>	Wood spurge			
<i>Populus nigra ssp betulifolia</i>	Black poplar					<i>Festuca gageana</i>	Giant fescue			
<i>Populus tremula</i>	Aspen					<i>Fragaria vesca</i>	Wild strawberry			
<i>Populus x canescens</i>	Grey poplar					<i>Galium odoratum</i>	Sweet woodruff			
<i>Prunus avium</i>	Wild cherry					<i>Geranium robertianum</i>	Herb Robert			
<i>Prunus spinosa</i>	Blackthorn	R	A		F	<i>Geum urbanum</i>	Wood aven			
<i>Pyrus cordata</i>	Plymouth pear					<i>Hyacinthoides non-scripta</i>	Bluebell			
<i>Pyrus pyraeaster</i>	Wild pear					<i>Lamiumstrum galeobdolon</i>	Yellow archangel			
<i>Quercus robur</i>	Pedunculata oak					<i>Lathraea squamaria</i>	Toothwort			
<i>Rhamnus cathartica</i>	Buckthorn					<i>Luzula pilosa</i>	Hairy wood-rush			
<i>Ribes uva-crispa</i>	Gooseberry					<i>Melampyrum pratense</i>	Common cow-wheat			
<i>Rosa species</i>	Rose species	R	R		R	<i>Mercurialis perennis</i>	Dog's mercury			
<i>Salix species</i>	Willow species					<i>Milium effusum</i>	Wood millet			
<i>Salix viminalis</i>	Osier					<i>Orchis mascula</i>	Early purple orchid			
<i>Sambucus nigra</i>	Elder	R	R		R	<i>Oxalis acetosella</i>	Wood sorrel			
	Sub-totals	6	8	0		<i>Paris quadrifolia</i>	Herb Paris			
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR		
<i>Sorbus aucuparia</i>	Rowan					<i>Phyllitis scolopendrium</i>	Hart's tongue			
<i>Sorbus species</i>	Whitebeam species					<i>Poa nemoralis</i>	Wood meadow-grass			
<i>Sorbus torminalis</i>	Wild service tree					<i>Polypodium vulgare</i>	Common polypody			
<i>Taxus baccata</i>	Yew					<i>Polystichum aculeatum</i>	Hard shield fern			
<i>Tilia platyphyllos</i>	Large-leaved lime					<i>Polystichum setiferum</i>	Soft shield fern			
<i>Ulex europaeus</i>	Gorse					<i>Potentilla sterilis</i>	Barren strawberry			
<i>Ulmus species</i>	Elm species					<i>Primula elatior</i>	Oxlip			
<i>Viburnum lantana</i>	Wayfaring-tree	O	R		R	<i>Primula vulgaris</i>	Primrose			
<i>Viburnum opulus</i>	Gelder rose					<i>Ranunculus auricomus</i>	Goldlocks buttercup			
						<i>Sanicula europaea</i>	Sanicle			
						<i>Teucrium scorodonia</i>	Wood sage			
						<i>Veronica montana</i>	Wood speedwell			
						<i>Viola odorata</i>	Sweet violet			
						<i>Viola reichenbachiana</i>	Early dog violet			
						<i>Viola riviniana</i>	Common dog violet			
Total species for each 30m section		7	9	0						
Average per 30m section					8					
HEDGEROW ASSESSMENT										
Hedgerow features (taken from Hedgerow Regulations 1997 Part 11 Paragraph 7(4) to (i)).										
(a) A bank or wall which supports the hedgerow along at least half of its length;								Present		
(b) Gaps which aggregate do not exceed 10% of length of hedgerow;								Present		
(c) Where the length of the hedgerow does not exceed 50m, at least one standard tree; (standard tree >20cm DBH (or 63cm circ) and multistemmed is >15cm DBH (or 47cm circ).								Absent		
(d) Where the length of the hedgerow exceeds 50m but does not exceed 100m, at least 2 standard trees;								Present		
(e) Where the length of the hedgerow exceeds 100m, such number of standard trees (within any part of its length) as would when averaged over its total length amount at least one for each 50m;								Absent		
(f) At least 3 woodland species (Schedule 2) within one metre, in any direction, of the outermost edges of the hedgerow;								Absent		
(g) A ditch along at least one half of the length of the hedgerow;								Absent		
(h) Connections scoring 4 points or more in accordance with sub-paragraph (5) ¹								Absent		
(i) A parallel hedge within 15m of the hedgerow.								Absent		
Total number of features present								3		
Notable shrub or herb species that occur along the length of the entire hedge which are not listed in Schedule 2 or 3										
Ivy, stinking iris, traveller's joy, hogweed, cock's-foot, cow parsley, bramble, black bryony, hedge bedstraw, bush vetch, ground-ivy, germander speedwell.										
Total number of other hedgerows connecting to hedgerow that is subject of survey										
0										
Signs of use by notable fauna										
None observed										
Is the Hedgerow obviously less than 30 years in age?								No		
Does hedge currently support or have desk study records of spp protected in Schedules 1, 5 or 8 of the WaCA, or red data book species for 2007 to date.								No		
Does the hedge include at least 7 woody species (from Schedule 3)								Yes		
Does the hedge include at least 6 woody species (from Schedule 3) + 3 features listed overleaf?								Yes		
Does the hedge include at least 6 woody species (from Schedule 3), including native black poplar, small or large lvd lime or service tree?								No		
Does the hedge include at least 5 woody species (from Schedule 3) + four features listed overleaf?								No		
Hedge adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic + at least 4 woody species (from Schedule 3) + at least 2 of the features described in (a) to (g) above.								No		
Qualifies as 'IMPORTANT HEDGEROW'?								Yes		
Notes										
Road (Traits Lane) easterly adjacent to hedgerow. PHASE 1 HABITAT CODE: J2.3.1 Intact species-rich hedge and trees.										
Are further surveys needed?								No		

HS1 HEDGEROW SURVEY									
Biological ID *	Hedge or S1				Land Parcel Reference	WB50028, WB75691, O1U00158, O1U00159, O1U00157, U00152, U00153		Date	27/09/2017
Weather Conditions		light rain			Surveyors	Phil Newbery and David Locke	Transect ID	FO1	
Wind	1	Air Temperature (°C)	17		Cloud Cover	8		Rain	1
Start	Starting (X)	25860			End	Ending (X)	25816		
	Starting (Y)	12501				Ending (Y)	12527		
Total length of hedge section (m)	190				Number of 30m sections to be assessed	2			
Height of hedge (m)	10				Width of hedge (m)	1.5			
Number and length of gaps in hedge (as an overall % of length)					Number of mature trees (>20cm DBH) in total length of hedge				
0					5				
Are there any ditches along the length of the hedge?		No	Orientation of ditch	NA	Wet or dry Ditch	N/A			
List of Schedule 2 species for hedgerow assessment within 30m sections.					Schedule 2 species to be recorded along entire length of hedge (within 1m of outermost edges of the hedgerow)				
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR	
<i>Acer campestre</i>	Field maple				R	<i>Adiantum matricariae</i>	Moschari		
<i>Alnus glutinosa</i>	Alder					<i>Ajuga reptans</i>	Bugle		
<i>Betula pendula</i>	Silver birch					<i>Allium ursinum</i>	Ranunculus		
<i>Betula pubescens</i>	Downy birch					<i>Asterias nemorosa</i>	Wood anemone		
<i>Caprifolium hirsutum</i>	Hornbeam					<i>Asium maculatum</i>	Lords-and-ladies		
<i>Cornus sanguinea</i>	Dogwood					<i>Athyrium filix-femina</i>	Lady fern		
<i>Corylus avellana</i>	Hazel					<i>Brychopodium sylvaticum</i>	Wood bladder-brome		
<i>Crataegus alata</i>	Wild rose					<i>Bromus nemorosus</i>	Hay brome		
<i>Crataegus monogyna</i>	Hawthorn	F	A		A	<i>Campanula trachelium</i>	Nettle-leaved bellflower		
<i>Daphne genkwa</i>	Spurge-laurel					<i>Carex sylvatica</i>	Wood sedge		
<i>Daphne mezereum</i>	Daphne mezereum					<i>Carex lasiocarpa</i>	Emmelers nightshade		
<i>Eucalyptus europaeus</i>	Plane		R		R	<i>Carpodacus melanocephalus</i>	Parula		
<i>Fagus sylvatica</i>	Beech					<i>Corylus avellana</i>	Scaly hazel-fern		
<i>Fragaria vesca</i>	Alder buckthorn					<i>Dryopteris filix-mas</i>	Narrow buckler-fern		
<i>Fraxinus excelsior</i>	Ash	R	F		O	<i>Dryopteris dilatata</i>	Broad buckler-fern		
<i>Ilex aquifolium</i>	Holly					<i>Dryopteris fuchsii</i>	Male fern		
<i>Ligustrum vulgare</i>	Willy willy					<i>Equisetum hyemale</i>	Broad-leaved horsetail		
<i>Malus sylvestris</i>	Crab apple					<i>Equisetum sylvaticum</i>	Wood horsetail		
<i>Rapulus alba</i>	White poplar					<i>Euphrasia asperifolia</i>	Wood scurvy		
<i>Rapulus nigra ssp. betulaifolia</i>	Black poplar					<i>Festuca gigantea</i>	Saint fescue		
<i>Rapulus tremula</i>	Alder					<i>Fragaria vesca</i>	Wild strawberry		
<i>Rapulus x canescens</i>	Grey poplar					<i>Galium odoratum</i>	Sweet woodruff		
<i>Rhus avium</i>	Wild cherry					<i>Geranium robertianum</i>	Herb robert	R	
<i>Rhus spinae</i>	Blackthorn	A			F	<i>Geum urbanum</i>	Wood anemone		
<i>Rhus typhina</i>	Plymouth pear					<i>Hieracium non-scripta</i>	Bluetell		
<i>Rhus typhina</i>	Willy willy					<i>Linum catharticum</i>	Yellow archangel		
<i>Rhus typhina</i>	Rhus typhina oak					<i>Lactuca scariola</i>	Tomorrow		
<i>Rubus idaeus</i>	Buckthorn					<i>Lactuca silvestris</i>	Herb woodruff		
<i>Rubus idaeus</i>	Gooseberry					<i>Lactuca tatarica</i>	Common cow-wheat		
<i>Rosa species</i>	Rose species	R			R	<i>Mercurialis perennis</i>	Dogs mercury		
<i>Salix species</i>	Willow species					<i>Milium effusum</i>	Wood millet		
<i>Salix viminalis</i>	Osier					<i>Orchis mascula</i>	Early purple orchid		
<i>Sambucus nigra</i>	Elder	R			R	<i>Oxalis acetosella</i>	Wood sorrel		
		Sub-totals		6	3	0	<i>Parietaria officinalis</i>	Herb Paris	
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR	
<i>Sambucus nigra</i>	Rosin					<i>Phytolacca americana</i>	Hair's tongue		
<i>Sambucus nigra</i>	Whitebeam species					<i>Rosa nemoralis</i>	Wood meadow-grass		
<i>Sambucus nigra</i>	Whitebeam species					<i>Rapulus nigra</i>	Common poplar		
<i>Taxus baccata</i>	Yew					<i>Rapulus nigra</i>	Hard shield fern		
<i>Tilia platyphyllos</i>	Large-leaved lime					<i>Rapulus nigra</i>	Soft shield fern		
<i>Ulex europaeus</i>	Goose					<i>Rotifolia stertilis</i>	Barren strawberry		
<i>Urtica dioica</i>	Elm species					<i>Rumex crispus</i>	Chill		
<i>Viburnum lantana</i>	Wayfaring tree					<i>Rumex obtusifolius</i>	Primrose		
<i>Viburnum opulus</i>	Guelder rose					<i>Ranunculus auricomus</i>	3-toothed buttercup		
		Total species for each 30m section		6	3	0	<i>Salix repens</i>	Salix	
		Average per 30m section		4.6		<i>Teucrium scorodonia</i>	Wood sage		
		Average per 30m section		4.6		<i>Veronica montana</i>	Wood speedwell		
		Average per 30m section		4.6		<i>Vicia cracca</i>	Sweet vicia		
		Average per 30m section		4.6		<i>Vicia villosa</i>	Early dog vicia		
		Average per 30m section		4.6		<i>Vicia villosa</i>	Common dog vicia		

HS1 HEDGEROW SURVEY										
Ecology ID 1	Hedgerow 52			Land Parcel Reference		O1ST97213, O1U00152		Date	27/09/2017	
Weather Conditions	Cloudy			Surveyor(s)		Phil Newberry, David Locke		Transect ID	F001	
Wind	1	Air Temperature (°C)	17		Cloud Cover	8	Rain	0		
Start	Easting (X)	358595			End	Easting (X)	358700			
	Northing (Y)	125504				Northing (Y)	125593			
Total length of hedge section (m)	185			Number of 30m sections to be assessed		2				
Height of hedge (m)	4			Width of hedge (m)		4				
Number and length of gaps in hedge (as an overall % of length)					Number of mature trees (>20cm DBH) in total length of hedge					
0					3					
Are there any ditches along the length of the hedge?	No	Orientation of ditch	N/A		Wet or dry Ditch	N/A				
List of Schedule 3 Species for hedgerow assessment within 30m sections.					Schedule 2 species, to be recorded along entire length of hedge (within 1m of outermost edges of the hedgerow)					
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR		
<i>Acer campestre</i>	Field maple					<i>Adoxa moschatellina</i>	Moschatel			
<i>Alnus glutinosa</i>	Alder					<i>Ajuga reptans</i>	Bugle			
<i>Betula pendula</i>	Silver birch					<i>Allium ursinum</i>	Ranunculus			
<i>Betula pubescens</i>	Downy birch					<i>Anemone nemorosa</i>	Wood anemone			
<i>Carpinus betulus</i>	Hornbeam					<i>Anum maculatum</i>	Lords-and-ladies			
<i>Cornus sanguinea</i>	Dogwood					<i>Athyrium filix-femina</i>	Lady fern			
<i>Corylus avellana</i>	Hazel		O		R	<i>Brachypodium sylvaticum</i>	Wood false-brome			
<i>Crataegus laevigata</i>	Midland hawthorn					<i>Bromus ramosus</i>	Hairy brome			
<i>Crataegus monogyna</i>	Hawthorn					<i>Campanula trachelium</i>	Nettle-leaved bellflower			
<i>Daphne laureola</i>	Spurge-laurel					<i>Carex sylvatica</i>	Wood sedge			
<i>Daphne mezereum</i>	Daphne mezereum					<i>Circaea lutetiana</i>	Enchanters nightshade			
<i>Euronymus europaeus</i>	Spindle					<i>Conopodium majus</i>	Pignut			
<i>Fagus sylvatica</i>	Beech					<i>Dryopteris affinis</i>	Scaly male-fern			
<i>Frangula alnus</i>	Alder buckthorn					<i>Dryopteris carthusiana</i>	Narrow buckler fern			
<i>Fraxinus excelsior</i>	Ash		O		R	<i>Dryopteris dilatata</i>	Broad buckler-fern			
<i>Ilex aquifolium</i>	Holly					<i>Dryopteris filix-mas</i>	Male fern			
<i>Ligustrum vulgare</i>	Wild privet					<i>Epipactis helleborine</i>	Broad-leaved helleborine			
<i>Malus sylvestris</i>	Crab apple					<i>Equisetum sylvaticum</i>	Wood horsetail			
<i>Populus alba</i>	White poplar					<i>Euphorbia amygdaloides</i>	Wood spurge			
<i>Populus nigra ssp betulifolia</i>	Black poplar					<i>Festuca gigantea</i>	Giant fescue			
<i>Populus tremula</i>	Aspen					<i>Fragaria vesca</i>	Wild strawberry			
<i>Populus x canescens</i>	Grey poplar					<i>Galium odoratum</i>	Sweet woodruff			
<i>Prunus avium</i>	Wild cherry					<i>Geranium robertianum</i>	Herb Robert	R		
<i>Prunus spinosa</i>	Blackthorn		F		O	<i>Geum urbanum</i>	Wood aven			
<i>Pyrus cordata</i>	Plymouth pear					<i>Hyacinthoides non-scripta</i>	Bluebell			
<i>Pyrus pyraeaster</i>	Wild pear					<i>Lamium galeobdolon</i>	Yellow archangel			
<i>Quercus robur</i>	Pedunculata oak					<i>Lathraea squamaria</i>	Toothwort			
<i>Rhamnus cathartica</i>	Buckthorn					<i>Luzula pilosa</i>	Hairy wood-rush			
<i>Ribes uva-crispa</i>	Gooseberry					<i>Melampyrum pratense</i>	Common cow-wheat			
<i>Rosa species</i>	Rose species					<i>Mercurialis perennis</i>	Dog's mercury			
<i>Salix species</i>	Willow species		O		R	<i>Millium effusum</i>	Wood millet			
<i>Salix viminalis</i>	Osier					<i>Orchis mascula</i>	Early purple orchid			
<i>Sambucus nigra</i>	Elder		R		R	<i>Oxalis acetosella</i>	Wood sorrel			
	Sub-totals	0	5	0		<i>Paris quadrifolia</i>	Herb Paris			
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR		
<i>Sorbus aucuparia</i>	Rowan					<i>Phyllitis scolopendrium</i>	Hart's tongue			
<i>Sorbus species</i>	Whitebeam species					<i>Poa nemoralis</i>	Wood meadow-grass			
<i>Sorbus torminalis</i>	Wild service tree					<i>Polypodium vulgare</i>	Common polypody			
<i>Taxus baccata</i>	Yew					<i>Polystichum aculeatum</i>	Hard shield fern			
<i>Tilia platyphyllos</i>	Large-leaved lime					<i>Polystichum setiferum</i>	Soft shield fern			
<i>Ulex europaeus</i>	Gorse					<i>Potentilla sterilis</i>	Barren strawberry			
<i>Ulmus species</i>	Elm species					<i>Primula elatior</i>	Oxip			
<i>Viburnum lantana</i>	Wayfaring-tree					<i>Primula vulgaris</i>	Primrose			
<i>Viburnum opulus</i>	Guelder rose					<i>Ranunculus auricomus</i>	Goldlocks buttercup			
						<i>Sanicula europaea</i>	Sanicle			
						<i>Teucrium scorodonia</i>	Wood sage			
						<i>Veronica montana</i>	Wood speedwell			
						<i>Viola odorata</i>	Sweet violet			
						<i>Viola reichenbachiana</i>	Early dog violet			
						<i>Viola riviniana</i>	Common dog violet			
Total species for each 30m section		0	5	0						
Average per 30m section					2.5					
HEDGEROW ASSESSMENT										
Hedgerow features (taken from Hedgerow Regulations 1997 Part 11 Paragraph 7(4) to (i)).										
(a) A bank or wall which supports the hedgerow along at least half of its length;										Present
(b) Gaps which aggregate do not exceed 10% of length of hedgerow;										Present
(c) Where the length of the hedgerow does not exceed 50m, at least one standard tree; (standard tree >20cm DBH (or 63cm circ) and multitemmed is >15cm DBH (or 47cm circ).										Absent
(d) Where the length of the hedgerow exceeds 50m but does not exceed 100m, at least 2 standard trees;										Present
(e) Where the length of the hedgerow exceeds 100m, such number of standard trees (within any part of its length) as would when averaged over its total length amount at least one for each 50m;										Absent
(f) At least 3 woodland species (Schedule 2) within one metre, in any direction, of the outermost edges of the hedgerow;										Absent
(g) A ditch along at least one half of the length of the hedgerow;										Absent
(h) Connections scoring 4 points or more in accordance with sub-paragraph (5) 1										Absent
(i) A parallel hedge within 15m of the hedgerow.										Absent
Total number of features present										3
Notable shrub or herb species that occur along the length of the entire hedge which are not listed in Schedule 2 or 3										
Box, plum and leyland cypress within hedgerow. Ground flora comprised of; ground-ivy, common nettle, false oat-grass, cock's-foot, ivy, hogweed, red dead-nettle.										
Total number of other hedgerows connecting to hedgerow that is subject of survey										
1										
Signs of use by notable fauna										
None observed										
Is the Hedgerow obviously less than 30 years in age?										No
Does hedge currently support or have desk study records of spp protected in Schedules 1, 5 or 8 of the WACA, or red data book species for 2007 to date.										No
Does the hedge include at least 7 woody species (from Schedule 3)										No
Does the hedge include at least 6 woody species (from Schedule 3) + 3 features listed overleaf?										No
Does the hedge include at least 6 woody species (from Schedule 3), including native black poplar, small or large lvd lime or service tree?										No
Does the hedge include at least 5 woody species (from Schedule 3) + four features listed overleaf?										No
Hedge adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic + at least 4 woody species (from Schedule 3) + at least 2 of the features described in (a) to (g) above.										No
Qualifies as 'IMPORTANT HEDGEROW'?										No
Notes										
Entire first section of hedgerow sampled comprised of planted box. PHASE 1 HABITAT CODE: J2.1.1. Intact species-rich hedge.										
Are further surveys needed?										No

HS1 HEDGEROW SURVEY									
Ecology ID ¹	Hedgerow 53			Land Parcel Reference		WSS0384, WS75059, U00152, U00123	Date	26/09/2017	
Weather Conditions	Cloudy			Surveyor(s)		Phil Newberry, David Locke	Transect ID	F001	
Wind	2	Air Temperature (°C)	17		Cloud Cover	8	Rain	0	
Start	Easting (X)	358485			End	Easting (X)	358725		
	Northing (Y)	125471				Northing (Y)	125502		
Total length of hedge section (m)	235			Number of 30m sections to be assessed		3			
Height of hedge (m)	2			Width of hedge (m)		2			
Number and length of gaps in hedge (as an overall % of length)					Number of mature trees (>20cm DBH) in total length of hedge				
40					1				
Are there any ditches along the length of the hedge?	No	Orientation of ditch	N/A		Wet or dry Ditch	N/A			
List of Schedule 3 Species for hedgerow assessment within 30m sections.					Schedule 2 species, to be recorded along entire length of hedge (within 1m of outermost edges of the hedgerow)				
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR	
<i>Acer campestre</i>	Field maple					<i>Adoxa moschatellina</i>	Moschatel		
<i>Alnus glutinosa</i>	Alder					<i>Ajuga reptans</i>	Bugle		
<i>Betula pendula</i>	Silver birch					<i>Allium ursinum</i>	Ramsons		
<i>Betula pubescens</i>	Downy birch					<i>Anemone nemorosa</i>	Wood anemone		
<i>Carpinus betulus</i>	Hornbeam					<i>Arum maculatum</i>	Lords-and-ladies		
<i>Cornus sanguinea</i>	Dogwood					<i>Athyrium filix-femina</i>	Lady fern		
<i>Corylus avellana</i>	Hazel					<i>Brachypodium sylvaticum</i>	Wood false-brome	R	
<i>Crataegus laevigata</i>	Midland hawthorn					<i>Bromus ramosus</i>	Hairy brome		
<i>Crataegus monogyna</i>	Hawthorn					<i>Campanula trachelium</i>	Nettle-leaved bellflower		
<i>Daphne laureola</i>	Spurge-laurel					<i>Carex sylvatica</i>	Wood sedge		
<i>Daphne mezereum</i>	Daphne mezereum					<i>Circaea lutetiana</i>	Enchanters nightshade		
<i>Euonymus europaeus</i>	Spindle					<i>Conopodium majus</i>	Figwort		
<i>Fagus sylvatica</i>	Beech					<i>Dryopteris affinis</i>	Scaly male-fern		
<i>Frangula alnus</i>	Alder buckthorn					<i>Dryopteris carthusiana</i>	Narrow buckler fern		
<i>Fraxinus excelsior</i>	Ash					<i>Dryopteris dilatata</i>	Broad buckler-fern		
<i>Ilex aquifolium</i>	Holly					<i>Dryopteris filix-mas</i>	Male fern		
<i>Ligustrum vulgare</i>	Wild privet	O				<i>Epipactis helleborine</i>	Broad-leaved helleborine		
<i>Malus sylvestris</i>	Crab apple					<i>Equisetum sylvaticum</i>	Wood horsetail		
<i>Populus alba</i>	White poplar					<i>Euphorbia amygdaloides</i>	Wood spurge		
<i>Populus nigra ssp betulifolia</i>	Black poplar					<i>Festuca gigantea</i>	Giant fescue		
<i>Populus tremula</i>	Aspen					<i>Fragaria vesca</i>	Wild strawberry		
<i>Populus x canescens</i>	Grey poplar					<i>Galium odoratum</i>	Sweet woodruff		
<i>Prunus avium</i>	Wild cherry					<i>Geranium robertianum</i>	Herb Robert		
<i>Prunus spinosa</i>	Blackthorn	A				<i>Geum urbanum</i>	Wood avens		
<i>Pyrus cordata</i>	Plymouth pear					<i>Hyacinthoides non-scripta</i>	Bluebell		
<i>Pyrus pyraeaster</i>	Wild pear					<i>Lamium galeobdolon</i>	Yellow archangel		
<i>Quercus robur</i>	Pedunculata oak					<i>Lathraea squamaria</i>	Toothwort		
<i>Rhamnus cathartica</i>	Buckthorn					<i>Luzula pilosa</i>	Hairy wood-rush		
<i>Ribes lva-crispa</i>	Gooseberry					<i>Melampyrum pratense</i>	Common cow-wheat		
<i>Rosa species</i>	Rose species	R	O	R	O	<i>Mercurialis perennis</i>	Dog's mercury		
<i>Salix species</i>	Willow species					<i>Milium effusum</i>	Wood millet		
<i>Salix viminalis</i>	Osier					<i>Orchis mascula</i>	Early purple orchid		
<i>Sambucus nigra</i>	Elder	O	O	O	O	<i>Oxalis acetosella</i>	Wood sorrel		
	Sub-totals	4	2	2		<i>Paris quadrifolia</i>	Herb Paris		
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR	
<i>Sorbus aucuparia</i>	Rowan					<i>Phyllitis scolopendrium</i>	Hart's tongue		
<i>Sorbus species</i>	Whitebeam species					<i>Poa nemoralis</i>	Wood meadow-grass		
<i>Sorbus torminalis</i>	Wild service tree					<i>Polypodium vulgare</i>	Common polypody		
<i>Taxus baccata</i>	Yew					<i>Polystichum aculeatum</i>	Hard shield fern		
<i>Tilia platyphyllos</i>	Large-leaved lime					<i>Polystichum setiferum</i>	Soft shield fern		
<i>Ulex europaeus</i>	Gorse					<i>Potentilla sterilis</i>	Barren strawberry		
<i>Ulmus species</i>	Elm species					<i>Primula elatior</i>	Oil-p		
<i>Viburnum lantana</i>	Wayfaring-tree					<i>Primula vulgaris</i>	Primrose		
<i>Viburnum opulus</i>	Guelder rose					<i>Ranunculus auricomus</i>	Goldlocks buttercup		
						<i>Sanicula europaea</i>	Sanicle		
						<i>Taucrium scorodonia</i>	Wood sage		
						<i>Veronica montana</i>	Wood speedwell		
						<i>Viola odorata</i>	Sweet violet		
						<i>Viola reichenbachiana</i>	Early dog violet		
						<i>Viola riviniana</i>	Common dog violet		
Total species for each 30m section		4	2	2					
Average per 30m section					2.66666667				
HEDGEROW ASSESSMENT									
Hedgerow features (taken from Hedgerow Regulations 1997 Part 11 Paragraph 7(4) to (i)).									
(a) A bank or wall which supports the hedgerow along at least half of its length;								Absent	
(b) Gaps which aggregate do not exceed 10% of length of hedgerow;								Absent	
(c) Where the length of the hedgerow does not exceed 50m, at least one standard tree; (standard tree >20cm DBH (or 63cm circ) and multistemmed is >15cm DBH (or 47cm circ).								Absent	
(d) Where the length of the hedgerow exceeds 50m but does not exceed 100m, at least 2 standard trees;								Absent	
(e) Where the length of the hedgerow exceeds 100m, such number of standard trees (within any part of its length) as would when averaged over its total length amount at least one for each 50m.								Absent	
(f) At least 3 woodland species (Schedule 2) within one metre, in any direction, of the outermost edges of the hedgerow.								Absent	
(g) A ditch along at least one half of the length of the hedgerow.								Absent	
(h) Connections scoring 4 points or more in accordance with sub-paragraph (5) ¹								Absent	
(i) A parallel hedge within 15m of the hedgerow.								Present	
Total number of features present								1	
Notable shrub or herb species that occur along the length of the entire hedge which are not listed in Schedule 2 or 3									
Traveller's joy, common nettle, false oat-grass, white dead-nettle, red fescue, hogweed, creeping thistle, ground ivy, black bryony, cow parsley, bramble.									
Total number of other hedgerows connecting to hedgerow that is subject of survey									
2									
Signs of use by notable fauna									
None observed									
Is the Hedgerow obviously less than 30 years in age?								No	
Does hedge currently support or have desk study records of spp protected in Schedules 1, 5 or 8 of the WtCA, or red data book species for 2007 to date.								No	
Does the hedge include at least 7 woody species (from Schedule 3)								No	
Does the hedge include at least 6 woody species (from Schedule 3) + 3 features listed overleaf?								No	
Does the hedge include at least 6 woody species (from Schedule 3), including native black poplar, small or large wd lime or service tree?								No	
Does the hedge include at least 5 woody species (from Schedule 3) + four features listed overleaf?								No	
Hedge adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic + at least 4 woody species (from Schedule 3) + at least 2 of the features described in (a) to (g) above.								No	
Qualifies as 'IMPORTANT HEDGEROW'?								No	
Notes									
Northern side of hedgerow not surveyed due to narrowness of A303 road verge. PHASE 1 HABITAT CODE: J2.3.2 Intact species-poor hedge and trees.									
Are further surveys needed?								No	

HS1 HEDGEROW SURVEY									
Ecology ID *	Hedgerow 54			Land Parcel Reference		WS2963, WS75059		Date	26/09/2017
Weather Conditions	Cloudy			Surveyor(s)		Phil Newberry David Locke	Transect ID	F001	
Wind	2	Air Temperature (°C)	17		Cloud Cover	8	Rain	0	
Start	Easting (X)	358340			End	Easting (X)	358300		
	Northing (Y)	125126			End	Northing (Y)	125440		
Total length of hedge section (m)	320			Number of 30m sections to be assessed			3		
Height of hedge (m)	2			Width of hedge (m)			2		
Number and length of gaps in hedge (as an overall % of length)					Number of mature trees (>20cm DBH) in total length of hedge				
0					0				
Are there any ditches along the length of the hedge?	No		Orientation of ditch		N/A		Wet or dry Ditch		N/A
List of Schedule 3 Species for hedgerow assessment within 30m sections.					Schedule 2 species, to be recorded along entire length of hedge (within 1m of outermost edges of the hedgerow)				
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR	
<i>Acer campestre</i>	Field maple					<i>Adoxa moschatellina</i>	Moschatel		
<i>Alnus glutinosa</i>	Alder					<i>Ajuga reptans</i>	Bugle		
<i>Betula pendula</i>	Silver birch					<i>Allium ursinum</i>	Ramsons		
<i>Betula pubescens</i>	Downy birch					<i>Anemone nemorosa</i>	Wood anemone		
<i>Carpinus betulus</i>	Hornbeam					<i>Arum maculatum</i>	Lords-and-ladies		
<i>Cornus sanguinea</i>	Dogwood	A	R		F	<i>Athyrium filix-femina</i>	Lady fern		
<i>Corylus avellana</i>	Hazel					<i>Brachypodium sylvaticum</i>	Wood false-brome	R	
<i>Crataegus laevigata</i>	Midland hawthorn					<i>Bromus ramosus</i>	Hairy brome		
<i>Crataegus monogyna</i>	Hawthorn	O	R	R	R	<i>Camparula trachelium</i>	Nettle-leaved bellflower		
<i>Daphne laureola</i>	Spurge-laurel					<i>Carex sylvatica</i>	Wood sedge		
<i>Daphne mezereum</i>	Daphne mezereon					<i>Circaea lutetiana</i>	Enchanters nightshade		
<i>Euonymus europaeus</i>	Spindle					<i>Conopodium majus</i>	Pignut		
<i>Fagus sylvatica</i>	Beech					<i>Dryopteris affinis</i>	Scaly male-fern		
<i>Fragula alnus</i>	Alder buckthorn					<i>Dryopteris carthusiana</i>	Narrow buckler fern		
<i>Fraxinus excelsior</i>	Ash	R		R		<i>Dryopteris dilatata</i>	Broad buckler-fern		
<i>Ilex aquifolium</i>	Holly					<i>Dryopteris filix-mas</i>	Male fern		
<i>Ligustrum vulgare</i>	Wild privet					<i>Epipactis helleborine</i>	Broad-leaved helleborine		
<i>Malus sylvestris</i>	Crab apple					<i>Equisetum sylvaticum</i>	Wood horsetail		
<i>Populus alba</i>	White poplar					<i>Euphorbia amygdaloides</i>	Wood spurge		
<i>Populus nigra ssp betulifolia</i>	Black poplar					<i>Festuca gigantea</i>	Giant fescue		
<i>Populus tremula</i>	Aspen					<i>Fragaria vesca</i>	Wild strawberry		
<i>Populus x canescens</i>	Grey poplar					<i>Gallium odoratum</i>	Sweet woodruff		
<i>Prunus avium</i>	Wild cherry					<i>Geranium robertianum</i>	Herb Robert		
<i>Prunus spinosa</i>	Blackthorn	O	R	F	O	<i>Geum urbanum</i>	Wood aven		
<i>Pyrus cordata</i>	Plymouth pear					<i>Hyacinthoides non-scripta</i>	Bluebell		
<i>Pyrus pyrastrer</i>	Wild pear					<i>Lamium galeobdolon</i>	Yellow archangel		
<i>Quercus robur</i>	Pedunculata oak					<i>Lathraea squamaria</i>	Toothwort		
<i>Rhamnus cathartica</i>	Buckthorn					<i>Luzula pilosa</i>	Hairy wood-rush		
<i>Ribes uva-crispa</i>	Gooseberry					<i>Melampyrum pratense</i>	Common cow-wheat		
<i>Rosa species</i>	Rose species	O			R	<i>Mercurialis perennis</i>	Dog's mercury		
<i>Salix species</i>	Willow species					<i>Milium effusum</i>	Wood millet		
<i>Salix viminalis</i>	Osier					<i>Orchis mascula</i>	Early purple orchid		
<i>Sambucus nigra</i>	Elder	R			R	<i>Oxalis acetosella</i>	Wood sorrel		
Sub-totals		5	4	3		<i>Paris quadrifolia</i>	Herb Paris		
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR	
<i>Sorbus aucuparia</i>	Rowan					<i>Phyllitis scolopendrium</i>	Har's tongue		
<i>Sorbus species</i>	Whitebeam species					<i>Poa nemoralis</i>	Wood meadow-grass		
<i>Sorbus torminalis</i>	Wild service tree					<i>Polypodium vulgare</i>	Common polypody		
<i>Taxus baccata</i>	Yew					<i>Polystichum aculeatum</i>	Hard shield fern		
<i>Tilia platyphyllos</i>	Large-leaved lime					<i>Polystichum setiferum</i>	Soft shield fern		
<i>Ulex europaeus</i>	Gorse					<i>Potentilla sterilis</i>	Barren strawberry		
<i>Ulmus species</i>	Elm species		D	A	A	<i>Primula elatior</i>	Oxlip		
<i>Viburnum lantana</i>	Wayfaring-tree					<i>Primula vulgaris</i>	Primrose		
<i>Viburnum opulus</i>	Guelder rose					<i>Ranunculus auricomus</i>	Goldlocks buttercup		
						<i>Sanicula europaea</i>	Sanicle		
						<i>Teucrium scorodonia</i>	Wood sage		
						<i>Veronica montana</i>	Wood speedwell		
						<i>Viola odorata</i>	Sweet violet		
						<i>Viola reichenbachiana</i>	Early dog violet		
						<i>Viola riviniana</i>	Common dog violet		
Total species for each 30m section		5	5	4					
Average per 30m section					4.66666667				
HEDGEROW ASSESSMENT									
Hedgerow features (taken from Hedgerow Regulations 1997 Part 11 Paragraph 7(4) to (i)).									
(a) A bank or wall which supports the hedgerow along at least half of its length;								Absent	
(b) Gaps which aggregate do not exceed 10% of length of hedgerow;								Present	
(c) Where the length of the hedgerow does not exceed 50m, at least one standard tree; (standard tree >20cm DBH (or 63cm circ) and multistemmed is >15cm DBH (or 47cm circ).								Absent	
(d) Where the length of the hedgerow exceeds 50m but does not exceed 100m, at least 2 standard trees;								Absent	
(e) Where the length of the hedgerow exceeds 100m, such number of standard trees (within any part of its length) as would when averaged over its total length amount at least one for each 50m;								Absent	
(f) At least 3 woodland species (Schedule 2) within one metre, in any direction, of the outermost edges of the hedgerow;								Absent	
(g) A ditch along at least one half of the length of the hedgerow;								Absent	
(h) Connections scoring 4 points or more in accordance with sub-paragraph (5) ³								Absent	
(i) A parallel hedge within 15m of the hedgerow.								Absent	
Total number of features present								1	
Notable shrub or herb species that occur along the length of the entire hedge which are not listed in Schedule 2 or 3									
False oat-grass, ground ivy, common nettle, traveller's joy, hemlock, black bryony, germander speedwell, ivy, creeping thistle, cow parsley, hedge bedstraw.									
Total number of other hedgerows connecting to hedgerow that is subject of survey									
1									
Signs of use by notable fauna									
None observed									
Is the Hedgerow obviously less than 30 years in age?								No	
Does hedge currently support or have desk study records of spp protected in Schedules 1, 5 or 8 of the WACA, or red data book species for 2007 to date.								No	
Does the hedge include at least 7 woody species (from Schedule 3)								No	
Does the hedge include at least 6 woody species (from Schedule 3) + 3 features listed overleaf?								No	
Does the hedge include at least 5 woody species (from Schedule 3), including native black poplar, small or large h'd lime or service tree?								No	
Does the hedge include at least 5 woody species (from Schedule 3) + four features listed overleaf?								No	
Hedge adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic + at least 4 woody species (from Schedule 3) + at least 2 of the features described in (a) to (g) above.								No	
Qualifies as 'IMPORTANT HEDGEROW'?								No	
Notes									
PHASE 1 HABITAT CODE: J2.1.2 Intact species-poor hedge.									
Are further surveys needed?								No	

HS1 HEDGEROW SURVEY										
Ecology ID 1	Hedgerow 55			Land Parcel Reference		ST125075, ST128002		Date	27/09/2017	
Weather Conditions	Cloudy			Surveyor(s)		Phil Newberry, David Locke		Transect ID	F001	
Wind	2	Air Temperature (°C)	16		Cloud Cover	8		Rain	0	
Start	Easting (X)	358399			End	Easting (X)	358559			
	Northing (Y)	125468				Northing (Y)	125500			
Total length of hedge section (m)	165			Number of 30m sections to be assessed				2		
Height of hedge (m)	3			Width of hedge (m)				2		
Number and length of gaps in hedge (as an overall % of length)					Number of mature trees (>20cm DBH) in total length of hedge					
8					0					
Are there any ditches along the length of the hedge?	No		Orientation of ditch	NA		Wet or dry Ditch	N/A			
List of Schedule 3 Species for hedgerow assessment within 30m sections.					Schedule 2 species, to be recorded along entire length of hedge (within 1m of outermost edges of the hedgerow)					
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR		
<i>Acer campestre</i>	Field maple	F	O		F	<i>Adoxa moschatellina</i>	Moschatel			
<i>Alnus glutinosa</i>	Alder					<i>Ajuga reptans</i>	Bugle			
<i>Betula pendula</i>	Silver birch					<i>Allium ursinum</i>	Ramsons			
<i>Betula pubescens</i>	Downy birch					<i>Anemone nemorosa</i>	Wood anemone			
<i>Carpinus betulus</i>	Hornbeam					<i>Arum maculatum</i>	Lords-and-ladies			
<i>Cornus sanguinea</i>	Dogwood					<i>Athyrium filix-femina</i>	Lady fern			
<i>Corylus avellana</i>	Hazel					<i>Brachypodium sylvaticum</i>	Wood false-brome			
<i>Crataegus laevigata</i>	Midland hawthorn					<i>Bromus ramosus</i>	Hairy brome			
<i>Crataegus monogyna</i>	Hawthorn					<i>Campanula trachelium</i>	Nettle-leaved bellflower			
<i>Daphne laureola</i>	Spurge-laurel					<i>Carex sylvatica</i>	Wood sedge			
<i>Daphne mezereum</i>	Daphne mezereum					<i>Circaea lutetiana</i>	Enchanters nightshade			
<i>Euonymus europaeus</i>	Spindle					<i>Conopodium majus</i>	Pignut			
<i>Fagus sylvatica</i>	Beech					<i>Dryopteris affinis</i>	Scaly male-fern			
<i>Frangula alnus</i>	Alder buckthorn					<i>Dryopteris carthusiana</i>	Narrow buckler-fern			
<i>Fraxinus excelsior</i>	Ash					<i>Dryopteris dilatata</i>	Broad buckler-fern			
<i>Ilex aquifolium</i>	Holly					<i>Dryopteris filix-mas</i>	Male fern			
<i>Ligustrum vulgare</i>	Wild privet					<i>Epipactis helleborine</i>	Broad-leaved helleborine			
<i>Malus sylvestris</i>	Crab apple					<i>Equisetum sylvaticum</i>	Wood horsetail			
<i>Populus alba</i>	White poplar					<i>Euphorbia amygdaloides</i>	Wood spurge			
<i>Populus nigra ssp. betulifolia</i>	Black poplar					<i>Festuca gigantea</i>	Giant fescue			
<i>Populus tremula</i>	Aspen					<i>Fragaria vesca</i>	Wild strawberry			
<i>Populus x canescens</i>	Grey poplar					<i>Galium odoratum</i>	Sweet woodruff			
<i>Prunus avium</i>	Wild cherry					<i>Geranium robertianum</i>	Herb Robert			
<i>Prunus spinosa</i>	Blackthorn	A	A		A	<i>Geum urbanum</i>	Wood aven			
<i>Pyrus cordata</i>	Plymouth pear					<i>Hyacinthoides non-scripta</i>	Bluebell			
<i>Pyrus pyraster</i>	Wild pear					<i>Lamium galeobdolon</i>	Yellow archangel			
<i>Quercus robur</i>	Pedunculata oak					<i>Lathraea squamaria</i>	Toothwort			
<i>Rhamnus cathartica</i>	Buckthorn					<i>Luzula pilosa</i>	Hairy wood-rush			
<i>Ribes uva-crispa</i>	Gooseberry					<i>Melampyrum pratense</i>	Common cow-wheat			
<i>Rosa species</i>	Rose species					<i>Mercurialis perennis</i>	Dog's mercury			
<i>Salix species</i>	Willow species					<i>Milium effusum</i>	Wood millet			
<i>Salix viminalis</i>	Osier					<i>Orchis mascula</i>	Early purple orchid			
<i>Sambucus nigra</i>	Elder	F			O	<i>Oxalis acetosella</i>	Wood sorrel			
	Sub-totals	3	2	0		<i>Paris quadrifolia</i>	Herb Paris			
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR		
<i>Sorbus aucuparia</i>	Rowan					<i>Phyllitis scolopendrium</i>	Hart's tongue			
<i>Sorbus species</i>	Whitebeam species					<i>Poa nemoralis</i>	Wood meadow-grass			
<i>Sorbus torminalis</i>	Wild service tree					<i>Polypodium vulgare</i>	Common polypody			
<i>Taxus baccata</i>	Yew					<i>Polystichum aculeatum</i>	Hard shield fern			
<i>Tilia platyphyllos</i>	Large-leaved lime					<i>Polystichum setiferum</i>	Soft shield fern			
<i>Ulex europaeus</i>	Corse					<i>Potentilla sterilis</i>	Barren strawberry			
<i>Ulmus species</i>	Elm species		F		O	<i>Primula elatior</i>	Oxlip			
<i>Viburnum lantana</i>	Wayfaring-tree					<i>Primula vulgaris</i>	Primrose			
<i>Viburnum opulus</i>	Guelder rose					<i>Ranunculus auricomus</i>	Goldlocks buttercup			
						<i>Sanicula europaea</i>	Sanicle			
						<i>Teucrium scorodonia</i>	Wood sage			
						<i>Veronica montana</i>	Wood speedwell			
						<i>Viola odorata</i>	Sweet violet			
						<i>Viola reichenbachiana</i>	Early dog violet			
						<i>Viola riviniana</i>	Common dog violet			
HEDGEROW ASSESSMENT										
Hedgerow features (taken from Hedgerow Regulations 1997 Part 11 Paragraph 7(4) to (i)).										
(a) A bank or wall which supports the hedgerow along at least half of its length;								Absent		
(b) Gaps which aggregate do not exceed 10% of length of hedgerow;								Present		
(c) Where the length of the hedgerow does not exceed 50m, at least one standard tree; (standard tree >20cm DBH (or 63cm circ) and multitemmed is >15cm DBH (or 47cm circ).								Absent		
(d) Where the length of the hedgerow exceeds 50m but does not exceed 100m, at least 2 standard trees;								Absent		
(e) Where the length of the hedgerow exceeds 100m, such number of standard trees (within any part of its length) as would when averaged over its total length amount at least one for each 50m;								Absent		
(f) At least 3 woodland species (Schedule 2) within one metre, in any direction, of the outermost edges of the hedgerow;								Absent		
(g) A ditch along at least one half of the length of the hedgerow;								Absent		
(h) Connections scoring 4 points or more in accordance with sub-paragraph (5) 1								Absent		
(i) A parallel hedge within 15m of the hedgerow.								Present		
Total number of features present								2		
Notable shrub or herb species that occur along the length of the entire hedge which are not listed in Schedule 2 or 3										
Ivy, creeping thistle, cock's-foot, common nettle, traveller's joy.										
Total number of other hedgerows connecting to hedgerow that is subject of survey										
0										
Signs of use by notable fauna										
None observed										
Is the Hedgerow obviously less than 30 years in age?										
								No		
Does hedge currently support or have desk study records of spp protected in Schedules 1, 5 or 8 of the WtCA, or red data book species for 2007 to date.										
								No		
Does the hedge include at least 7 woody species (from Schedule 3)										
								No		
Does the hedge include at least 6 woody species (from Schedule 3) + 3 features listed overleaf?										
								No		
Does the hedge include at least 6 woody species (from Schedule 3), including native black poplar, small or large lrd lime or service tree?										
								No		
Does the hedge include at least 5 woody species (from Schedule 3) + 4 features listed overleaf?										
								No		
Hedge adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic + at least 4 woody species (from Schedule 3) + at least 2 of the features described in (a) to (g) above.										
								No		
Qualifies as 'IMPORTANT HEDGEROW'?										
								No		
Notes										
Southern side of hedge not surveyed due to narrowness of A303 road verge. PHASE 1 HABITAT CODE: J2.1.2 Intact species-poor hedge.										
								Are further surveys needed?		
								No		

HS1 HEDGEROW SURVEY									
Ecology ID ¹	Hedgerow 56			Land Parcel Reference		ST128002		Date	28/09/2017
Weather Conditions	Cloudy			Surveyor(s)		Phil Newberry, David Locke	Transect ID	F001	
Wind	2	Air Temperature (°C)	16		Cloud Cover	8		Rain	0
Start	Easting (X)	358265			End	Easting (X)	358494		
	Northing (Y)	125439				Northing (Y)	125474		
Total length of hedge section (m)	295			Number of 30m sections to be assessed			3		
Height of hedge (m)	3			Width of hedge (m)			1.5		
Number and length of gaps in hedge (as an overall % of length)					Number of mature trees (>20cm DBH) in total length of hedge				
15					0				
Are there any ditches along the length of the hedge?	No		Orientation of ditch		NA		Wet or dry Ditch		NA
List of Schedule 3 Species for hedgerow assessment within 30m sections.					Schedule 2 species, to be recorded along entire length of hedge (within 1m of outermost edges of the hedgerow)				
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR	
<i>Acer campestre</i>	Field maple	R	F	O	O	<i>Adoxa moschatellina</i>	Moschatel		
<i>Alnus glutinosa</i>	Alder					<i>Ajuga reptans</i>	Bugle		
<i>Betula pendula</i>	Silver birch					<i>Allium ursinum</i>	Ramsons		
<i>Betula pubescens</i>	Downy birch					<i>Anemone nemorosa</i>	Wood anemone		
<i>Carpinus betulus</i>	Hornbeam					<i>Arum maculatum</i>	Lords-and-ladies		
<i>Cornus sanguinea</i>	Dogwood		R		R	<i>Athyrium filix-femina</i>	Lady fern		
<i>Corylus avellana</i>	Hazel					<i>Brachypodium sylvaticum</i>	Wood false-brome		
<i>Crataegus laevigata</i>	Midland hawthorn					<i>Bromus ramosus</i>	Hairy brome		
<i>Crataegus monogyna</i>	Hawthorn	O	R		R	<i>Campanula trachelium</i>	Nettle-leaved bellflower		
<i>Daphne laureola</i>	Spurge-laurel					<i>Carex sylvatica</i>	Wood sedge		
<i>Daphne mezereum</i>	Daphne mezereon					<i>Circaea lutetiana</i>	Enchanters nightshade		
<i>Euonymus europaeus</i>	Spindle					<i>Conopodium majus</i>	Pignut		
<i>Fagus sylvatica</i>	Beech					<i>Dryopteris affinis</i>	Scaly male-fern		
<i>Frangula alnus</i>	Alder buckthorn					<i>Dryopteris carthusiana</i>	Narrow buckler fern		
<i>Fraxinus excelsior</i>	Ash					<i>Dryopteris dilatata</i>	Broad buckler-fern		
<i>Ilex aquifolium</i>	Holly					<i>Dryopteris filix-mas</i>	Male fern		
<i>Ligustrum vulgare</i>	Wild privet					<i>Epipactis helleborine</i>	Broad-leaved helleborine		
<i>Malus sylvestris</i>	Crab apple					<i>Equisetum sylvaticum</i>	Wood horsetail		
<i>Populus alba</i>	White poplar					<i>Euphorbia amygdaloides</i>	Wood spurge		
<i>Populus nigra ssp betulifolia</i>	Black poplar					<i>Festuca gigantea</i>	Giant fescue		
<i>Populus tremula</i>	Aspen					<i>Fragaria vesca</i>	Wild strawberry		
<i>Populus x canescens</i>	Grey poplar					<i>Galium odoratum</i>	Sweet woodruff		
<i>Prunus avium</i>	Wild cherry					<i>Geranium robertianum</i>	Herb Robert		
<i>Prunus spinosa</i>	Blackthorn	O	A	F	F	<i>Geum urbanum</i>	Wood aven		
<i>Pyrus cordata</i>	Plymouth pear					<i>Hyacinthoides non-scripta</i>	Bluebell		
<i>Pyrus pyraster</i>	Wild pear					<i>Lamium galeobdolon</i>	Yellow archangel		
<i>Quercus robur</i>	Pedunculata oak					<i>Lathraea squamaria</i>	Toothwort		
<i>Rhamnus cathartica</i>	Buckthorn					<i>Luzula pilosa</i>	Hairy wood-rush		
<i>Ribes uva-crispa</i>	Gooseberry					<i>Melampyrum pratense</i>	Common cow-wheat		
<i>Rosa species</i>	Rose species					<i>Mercurialis perennis</i>	Dog's mercury		
<i>Salix species</i>	Willow species					<i>Milium effusum</i>	Wood millet		
<i>Salix viminalis</i>	Osier					<i>Ochris masoula</i>	Early purple orchid		
<i>Sambucus nigra</i>	Elder	O		F	O	<i>Oxalis acetosella</i>	Wood sorrel		
	Sub-totals	4	4	3		<i>Paris quadrifolia</i>	Herb Paris		
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR	
<i>Sorbus aucuparia</i>	Rowan					<i>Phyllitis scolopendrium</i>	Hart's tongue		
<i>Sorbus species</i>	Whitebeam species					<i>Poa nemoralis</i>	Wood meadow-grass		
<i>Sorbus torminalis</i>	Wild service tree					<i>Polypodium vulgare</i>	Common polypody		
<i>Taxus baccata</i>	Yew					<i>Polystichum aculeatum</i>	Hard shield fern		
<i>Tilia platyphyllos</i>	Large-leaved lime					<i>Polystichum setiferum</i>	Soft shield fern		
<i>Ulex europaeus</i>	Gorse					<i>Potentilla sterilis</i>	Barren strawberry		
<i>Ulmus species</i>	Elm species	A		F	F	<i>Primula elatior</i>	Oxlip		
<i>Viburnum lantana</i>	Wayfaring-tree			O	R	<i>Primula vulgaris</i>	Primrose		
<i>Viburnum opulus</i>	Guelder rose					<i>Ranunculus auricomus</i>	Goldlocks buttercup		
						<i>Sanicula europaea</i>	Sanicle		
						<i>Teucrium scorodonia</i>	Wood sage		
						<i>Veronica montana</i>	Wood speedwell		
						<i>Viola odorata</i>	Sweet violet		
						<i>Viola reichenbachiana</i>	Early dog violet		
						<i>Viola riviniana</i>	Common dog violet		
Total species for each 30m section		5	4	5					
Average per 30m section					4.66666667				
HEDGEROW ASSESSMENT									
Hedgerow features (taken from Hedgerow Regulations 1997 Part 11 Paragraph 7(4) to (j)).									
(a) A bank or wall which supports the hedgerow along at least half of its length;								Present	
(b) Gaps which aggregate do not exceed 10% of length of hedgerow;								Absent	
(c) Where the length of the hedgerow does not exceed 50m, at least one standard tree; (standard tree >20cm DBH (or 63cm circ) and multistemmed is >15cm DBH (or 47cm circ).								Absent	
(d) Where the length of the hedgerow exceeds 50m but does not exceed 100m, at least 2 standard trees;								Absent	
(e) Where the length of the hedgerow exceeds 100m, such number of standard trees (within any part of its length) as would when averaged over its total length amount at least one for each 50m.								Absent	
(f) At least 3 woodland species (Schedule 2) within one metre, in any direction, of the outermost edges of the hedgerow;								Absent	
(g) A ditch along at least one half of the length of the hedgerow;								Absent	
(h) Connections scoring 4 points or more in accordance with sub-paragraph (5) ¹								Absent	
(i) A parallel hedge within 15m of the hedgerow.								Present	
Total number of features present								2	
Notable shrub or herb species that occur along the length of the entire hedge which are not listed in Schedule 2 or 3									
Common nettle, yarrow, false oat-grass, hemlock, red fescue, cock's-foot, traveller's joy.									
Total number of other hedgerows connecting to hedgerow that is subject of survey									
3									
Signs of use by notable fauna									
None observed									
Is the Hedgerow obviously less than 30 years in age?								No	
Does hedge currently support or have desk study records of spp protected in Schedules 1, 5 or 8 of the WCA, or red data book species for 2007 to date.								No	
Does the hedge include at least 7 woody species (from Schedule 3)								No	
Does the hedge include at least 6 woody species (from Schedule 3) + 3 features listed overleaf?								No	
Does the hedge include at least 6 woody species (from Schedule 3), including native black poplar, small or large lvd lime or service tree?								No	
Does the hedge include at least 5 woody species (from Schedule 3) + four features listed overleaf?								No	
Hedge adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic + at least 4 woody species (from Schedule 3) + at least 2 of the features described in (a) to (g) above.								Yes	
Qualifies as 'IMPORTANT HEDGEROW'?								Yes	
Notes									
Bank present on southern side of hedgerow. Northern side not surveyed due to narrowness of A303 road verge. PHASE 1 HABITAT CODE: J2.1.1 Intact species-rich hedge.									
Are further surveys needed?								No	

HS1 HEDGEROW SURVEY									
Ecology ID ¹	Hedgerow 57			Land Parcel Reference		O1ST162771		Date	26/09/2017
Weather Conditions	cloudy			Surveyor(s)		Phil Newberry and Dave Locke	Transect ID	F001	
Wind	2	Air Temperature (°C)	17		Cloud Cover	8	Rain	0	
Start	Easting (X)	358340			End	Easting (X)	358300		
	Northing (Y)	125126				Northing (Y)	125440		
Total length of hedge section (m)	320			Number of 30m sections to be assessed			3		
Height of hedge (m)	2			Width of hedge (m)			2		
Number and length of gaps in hedge (as an overall % of length)					Number of mature trees (>20cm DBH) in total length of hedge				
0					0				
Are there any ditches along the length of the hedge?	No	Orientation of ditch	N/A		Wet or dry Ditch	N/A			
List of Schedule 3 Species for hedgerow assessment within 30m sections.					Schedule 2 species, to be recorded along entire length of hedge (within 1m of outermost edges of the hedgerow)				
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR	
<i>Acer campestre</i>	Field maple					<i>Adoxa moschatellina</i>	Moschatel		
<i>Alnus glutinosa</i>	Alder					<i>Ajuga reptans</i>	Bugle		
<i>Betula pendula</i>	Silver birch					<i>Allium ursinum</i>	Ramsons		
<i>Betula pubescens</i>	Downy birch					<i>Anemone nemorosa</i>	Wood anemone		
<i>Carpinus betulus</i>	Hornbeam					<i>Arum maculatum</i>	Lords-and-ladies		
<i>Cornus sanguinea</i>	Dogwood	A	R		F	<i>Athyrium filix-femina</i>	Lady fern		
<i>Corylus avellana</i>	Hazel					<i>Brachypodium sylvaticum</i>	Wood false-brome	R	
<i>Crataegus laevigata</i>	Midland hawthorn					<i>Bromus ramosus</i>	Hairy brome		
<i>Crataegus monogyna</i>	Hawthorn	O	R	R	R	<i>Campanula trachelium</i>	Nettle-leaved bellflower		
<i>Daphne laureola</i>	Spurge-laurel					<i>Carex sylvatica</i>	Wood sedge		
<i>Daphne mezereum</i>	Daphne mezereum					<i>Circaea lutetiana</i>	Enchanters nightshade		
<i>Euonymus europaeus</i>	Spindle					<i>Conopodium majus</i>	Pignut		
<i>Fagus sylvatica</i>	Beech					<i>Dryopteris affinis</i>	Scaly male-fern		
<i>Frangula alnus</i>	Alder buckthorn					<i>Dryopteris carthusiana</i>	Narrow buckler fern		
<i>Fraxinus excelsior</i>	Ash	R		R		<i>Dryopteris dilatata</i>	Broad buckler-fern		
<i>Ilex aquifolium</i>	Holly					<i>Dryopteris filix-mas</i>	Male fern		
<i>Ligustrum vulgare</i>	Wild privet					<i>Epipactis helleborine</i>	Broad-leaved helleborine		
<i>Malus sylvestris</i>	Crab apple					<i>Equisetum sylvaticum</i>	Wood horsetail		
<i>Populus alba</i>	White poplar					<i>Euphorbia amygdaloides</i>	Wood spurge		
<i>Populus nigra ssp. betulifolia</i>	Black poplar					<i>Festuca gigantea</i>	Giant fescue		
<i>Populus tremula</i>	Aspen					<i>Fragaria vesca</i>	Wild strawberry		
<i>Populus x canescens</i>	Grey poplar					<i>Galium odoratum</i>	Sweet woodruff		
<i>Prunus avium</i>	Wild cherry					<i>Geranium robertianum</i>	Herb Robert		
<i>Prunus spinosa</i>	Blackthorn	O	R	F	O	<i>Geum urbanum</i>	Wood aven		
<i>Pyrus cordata</i>	Plymouth pear					<i>Hyacinthoides non-scripta</i>	Bluebell		
<i>Pyrus pyraster</i>	Wild pear					<i>Lamium galeobdolon</i>	Yellow archangel		

HS1 HEDGEROW SURVEY										
Ecology ID ¹	Hedgerow 59			Land Parcel Reference		U00020, U00046		Date	26/09/2017	
Weather Conditions	sunny			Surveyor(s)		Phil Newberry and David Locke		Transect ID	F001	
Wind	1	Air Temperature (°C)	18		Cloud Cover	3		Rain	0	
Start	Easting (X)		357843		End	Easting (X)		357877		
	Northing (Y)		125352			Northing (Y)		124990		
Total length of hedge section (m)	380			Number of 30m sections to be assessed			3			
Height of hedge (m)	4			Width of hedge (m)			1.5			
Number and length of gaps in hedge (as an overall % of length)					Number of mature trees (>20cm DBH) in total length of hedge					
2					4					
Are there any ditches along the length of the hedge?	Yes		Orientation of ditch	E		Wet or dry Ditch	Dry			
List of Schedule 3 Species for hedgerow assessment within 30m sections.					Schedule 2 species, to be recorded along entire length of hedge (within 1m of outermost edges of the hedgerow)					
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR		
<i>Acer campestre</i>	Field maple	O		O	O	<i>Adoxa moschatellina</i>	Moschatel			
<i>Alnus glutinosa</i>	Alder					<i>Ajuga reptans</i>	Bugle			
<i>Betula pendula</i>	Silver birch					<i>Allium ursinum</i>	Ramsons			
<i>Betula pubescens</i>	Downy birch					<i>Anemone nemorosa</i>	Wood anemone			
<i>Carpinus betulus</i>	Hornbeam					<i>Arum maculatum</i>	Lords-and-ladies			
<i>Cornus sanguinea</i>	Dogwood	R		O	R	<i>Athyrium filix-femina</i>	Lady fern			
<i>Corylus avellana</i>	Hazel					<i>Brachypodium sylvaticum</i>	Wood false-brome	O		
<i>Crataegus laevigata</i>	Midland hawthorn					<i>Bromus ramosus</i>	Hairy brome			
<i>Crataegus monogyna</i>	Hawthorn	O		F	O	<i>Campanula trachelium</i>	Nettle-leaved bellflower			
<i>Daphne laureola</i>	Spurge-laurel					<i>Carex sylvatica</i>	Wood sedge			
<i>Daphne mezereum</i>	Daphne mezereum					<i>Circaea lutetiana</i>	Enchanters nightshade			
<i>Euonymus europaeus</i>	Spindle					<i>Conopodium majus</i>	Pignut			
<i>Fagus sylvatica</i>	Beech					<i>Dryopteris affinis</i>	Scaly male-fern			
<i>Frangula alnus</i>	Alder buckthorn					<i>Dryopteris carthusiana</i>	Narrow buckler fern			
<i>Fraxinus excelsior</i>	Ash		O		R	<i>Dryopteris dilatata</i>	Broad buckler-fern			
<i>Ilex aquifolium</i>	Holly					<i>Dryopteris filix-mas</i>	Male fern			
<i>Ligustrum vulgare</i>	Wild privet					<i>Epipactis helleborine</i>	Broad-leaved helleborine			
<i>Malus sylvestris</i>	Crab apple					<i>Equisetum sylvaticum</i>	Wood horsetail			
<i>Populus alba</i>	White poplar					<i>Euphorbia amygdaloides</i>	Wood spurge			
<i>Populus nigra ssp betulifolia</i>	Black poplar					<i>Festuca gigantea</i>	Giant fescue			
<i>Populus tremula</i>	Aspen					<i>Fragaria vesca</i>	Wild strawberry			
<i>Populus x canescens</i>	Grey poplar					<i>Galium odoratum</i>	Sweet woodruff			
<i>Prunus avium</i>	Wild cherry					<i>Geranium robertianum</i>	Herb Robert			
<i>Prunus spinosa</i>	Blackthorn	F	F	O	F	<i>Geum urbanum</i>	Wood aven			
<i>Pyrus cordata</i>	Plymouth pear					<i>Hyacinthoides non-scripta</i>	Bluebell			
<i>Pyrus pyrastrer</i>	Wild pear					<i>Lamium maculatum</i>	Yellow archangel			
<i>Quercus robur</i>	Pedunculata oak			O	R	<i>Lathraea squamaria</i>	Toothwort			
<i>Rhamnus cathartica</i>	Buckthorn					<i>Luzula pilosa</i>	Hairy wood-rush			
<i>Ribes uva-crispa</i>	Gooseberry					<i>Melampyrum pratense</i>	Common cow-wheat			
<i>Rosa species</i>	Rose species	R		R	R	<i>Mercurialis perennis</i>	Dog's mercury			
<i>Salix species</i>	Willow species					<i>Milium effusum</i>	Wood millet			
<i>Salix viminalis</i>	Osier					<i>Orchis mascula</i>	Early purple orchid			
<i>Sambucus nigra</i>	Elder	R		O	R	<i>Oxalis acetosella</i>	Wood sorrel			
	Sub-totals	6	2	6		<i>Paris quadrifolia</i>	Herb Paris			
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR		
<i>Sorbus aucuparia</i>	Rowan					<i>Phyllitis scolopendrium</i>	Hart's tongue			
<i>Sorbus species</i>	Whitebeam species					<i>Poa nemoralis</i>	Wood meadow-grass			
<i>Sorbus torminalis</i>	Wild service tree					<i>Polypodium vulgare</i>	Common polypody			
<i>Taxus baccata</i>	Yew					<i>Polystichum aculeatum</i>	Hard shield fern			
<i>Tilia platyphyllos</i>	Large-leaved lime					<i>Polystichum setiferum</i>	Soft shield fern			
<i>Ulex europaeus</i>	Gorse					<i>Potentilla sterilis</i>	Barren strawberry			
<i>Ulmus species</i>	Elm species	A	A	A	A	<i>Primula elatior</i>	Oxlip			
<i>Viburnum lantana</i>	Wayfaring-tree					<i>Primula vulgaris</i>	Primrose			
<i>Viburnum opulus</i>	Guelder rose					<i>Ranunculus auricomus</i>	Goldlocks buttercup			
						<i>Sanicula europaea</i>	Sanicle			
						<i>Teucrium scorodonia</i>	Wood sage			
						<i>Veronica montana</i>	Wood speedwell			
						<i>Viola odorata</i>	Sweet violet			
						<i>Viola reichenbachiana</i>	Early dog violet			
						<i>Viola riviniana</i>	Common dog violet			
Total species for each 30m section		7	3	7						
Average per 30m section					5.66666667					
HEDGEROW ASSESSMENT										
Hedgerow features (taken from Hedgerow Regulations 1997 Part 11 Paragraph 7(4) to (i)).										
(a) A bank or wall which supports the hedgerow along at least half of its length;								Absent		
(b) Gaps which aggregate do not exceed 10% of length of hedgerow;								Present		
(c) Where the length of the hedgerow does not exceed 50m, at least one standard tree; (standard tree >20cm DBH (or 63cm circ) and multitemmed is >15cm DBH (or 47cm circ).								Absent		
(d) Where the length of the hedgerow exceeds 50m but does not exceed 100m, at least 2 standard trees;								Absent		
(e) Where the length of the hedgerow exceeds 100m, such number of standard trees (within any part of its length) as would when averaged over its total length amount at least one for each 50m;								Absent		
(f) At least 3 woodland species (Schedule 2) within one metre, in any direction, of the outermost edges of the hedgerow;								Absent		
(g) A ditch along at least one half of the length of the hedgerow;								Present		
(h) Connections scoring 4 points or more in accordance with sub-paragraph (5) ¹								Absent		
(i) A parallel hedge within 15m of the hedgerow.								Absent		
Total number of features present								2		
Notable shrub or herb species that occur along the length of the entire hedge which are not listed in Schedule 2 or 3										
Bramble, creeping thistle, common nettle, hemlock, white dead-nettle, ivy, broad-leaved dock, ground-ivy.										
Total number of other hedgerows connecting to hedgerow that is subject of survey										
1										
Signs of use by notable fauna										
None observed										
Is the Hedgerow obviously less than 30 years in age?										No
Does hedge currently support or have desk study records of spp protected in Schedules 1, 5 or 8 of the WaCA, or red data book species for 2007 to date.										No
Does the hedge include at least 7 woody species (from Schedule 3)										No
Does the hedge include at least 6 woody species (from Schedule 3) + 3 features listed overleaf?										No
Does the hedge include at least 6 woody species (from Schedule 3), including native black poplar, small or large lvd lime or service tree?										No
Does the hedge include at least 5 woody species (from Schedule 3) + four features listed overleaf?										No
Hedge adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic + at least 4 woody species (from Schedule 3) + at least 2 of the features described in (a) to (g) above.										Yes
Qualifies as 'IMPORTANT HEDGEROW'?										Yes
Notes										
Road (Howell Hill) easterly adjacent to hedgerow. PHASE 1 HABITAT CODE: J2.3.1 Intact species-rich hedge and trees.										
Are further surveys needed?										No

HS1 HEDGEROW SURVEY										
Ecology ID 1	Hedgerow 60			Land Parcel Reference		U00020		Date	26/09/2017	
Weather Conditions	sunny			Surveyor(s)		Phil Newbery and Dave Locke <th>Transect ID</th> <td colspan="2">F01</td>		Transect ID	F01	
Wind	2	Air Temperature (°C)	18		Cloud Cover	3	Rain	0		
Start	Easting (X)	357822			End	Easting (X)	357747			
	Northing (Y)	125355				Northing (Y)	125330			
Total length of hedge section (m)	95			Number of 30m sections to be assessed			1			
Height of hedge (m)	2.5			Width of hedge (m)			1			
Number and length of gaps in hedge (as an overall % of length)					Number of mature trees (>20cm DBH) in total length of hedge					
0					1					
Are there any ditches along the length of the hedge?	Yes	Orientation of ditch	N		Wet or dry Ditch	Dry				
List of Schedule 3 Species for hedgerow assessment within 30m sections.					Schedule 2 species, to be recorded along entire length of hedge (within 1m of outermost edges of the hedgerow)					
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR		
<i>Acer campestre</i>	Field maple					<i>Adoxa moschatellina</i>	Moschatel			
<i>Alnus glutinosa</i>	Alder					<i>Ajuga reptans</i>	Bugle			
<i>Betula pendula</i>	Silver birch					<i>Allium ursinum</i>	Ramsons			
<i>Betula pubescens</i>	Downy birch					<i>Anemone nemorosa</i>	Wood anemone			
<i>Carpinus betulus</i>	Hornbeam					<i>Arum maculatum</i>	Lords-and-ladies			
<i>Cornus sanguinea</i>	Dogwood	R			R	<i>Athyrium filix-femina</i>	Lady fern			
<i>Corylus avellana</i>	Hazel					<i>Brachypodium sylvaticum</i>	Wood false-brome			
<i>Crataegus laevigata</i>	Midland hawthorn					<i>Bromus ramosus</i>	Hairy brome			
<i>Crataegus monogyna</i>	Hawthorn	F			F	<i>Campanula trachelium</i>	Nettle-leaved bellflower			
<i>Daphne laureola</i>	Spurge-laurel					<i>Carex sylvatica</i>	Wood sedge			
<i>Daphne mezereum</i>	Daphne mezereum					<i>Circaea lutetiana</i>	Enchanters nightshade			
<i>Euonymus europaeus</i>	Spindle					<i>Conopodium majus</i>	Pignut			
<i>Fagus sylvatica</i>	Beech					<i>Dryopteris affinis</i>	Scaly male-fern			
<i>Frangula alnus</i>	Alder buckthorn					<i>Dryopteris carthusiana</i>	Narrow buckler fern			
<i>Fraxinus excelsior</i>	Ash	O			O	<i>Dryopteris dilatata</i>	Broad buckler-fern			
<i>Ilex aquifolium</i>	Holly					<i>Dryopteris filix-mas</i>	Male fern			
<i>Ligustrum vulgare</i>	Wild privet					<i>Epipactis helleborine</i>	Broad-leaved helleborine			
<i>Malus sylvestris</i>	Crab apple					<i>Equisetum sylvaticum</i>	Wood horsetail			
<i>Populus alba</i>	White poplar					<i>Euphorbia amygdaloides</i>	Wood spurge			
<i>Populus nigra ssp betulifolia</i>	Black poplar					<i>Festuca gigantea</i>	Giant fescue			
<i>Populus tremula</i>	Aspen					<i>Fragaria vesca</i>	Wild strawberry			
<i>Populus x canescens</i>	Grey poplar					<i>Galium odoratum</i>	Sweet woodruff			
<i>Prunus avium</i>	Wild cherry					<i>Geranium robertianum</i>	Herb Robert			
<i>Prunus spinosa</i>	Blackthorn					<i>Geum urbanum</i>	Wood aven			
<i>Pyrus cordata</i>	Plymouth pear					<i>Hyacinthoides non-scripta</i>	Bluebell			
<i>Pyrus pyrastrer</i>	Wild pear					<i>Lamium strumarium</i>	Yellow archangel			
<i>Quercus robur</i>	Pedunculata oak					<i>Lathraea squamaria</i>	Toothwort			
<i>Rhamnus cathartica</i>	Buckthorn					<i>Luzula pilosa</i>	Hairy wood-rush			
<i>Ribes uva-crispa</i>	Gooseberry					<i>Melampyrum pratense</i>	Common cow-wheat			
<i>Rosa species</i>	Rose species	R			R	<i>Mercurialis perennis</i>	Dog's mercury			
<i>Salix species</i>	Willow species					<i>Milium effusum</i>	Wood millet			
<i>Salix viminalis</i>	Osier					<i>Orchis mascula</i>	Early purple orchid			
<i>Sambucus nigra</i>	Elder					<i>Oxalis acetosella</i>	Wood sorrel			
	Sub-totals	4	0	0		<i>Paris quadrifolia</i>	Herb Paris			
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR		
<i>Sorbus aucuparia</i>	Rowan					<i>Phyllitis scolopendrium</i>	Hart's tongue			
<i>Sorbus species</i>	Whitebeam species					<i>Poa nemoralis</i>	Wood meadow-grass			
<i>Sorbus torminalis</i>	Wild service tree					<i>Polypodium vulgare</i>	Common polypody			
<i>Taxus baccata</i>	Yew					<i>Polystichum aculeatum</i>	Hard shield fern			
<i>Tilia platyphyllos</i>	Large-leaved lime					<i>Polystichum setiferum</i>	Soft shield fern			
<i>Ulex europaeus</i>	Gorse					<i>Potentilla sterilis</i>	Barren strawberry			
<i>Ulmus species</i>	Elm species	A			A	<i>Primula elatior</i>	Oxlip			
<i>Viburnum lantana</i>	Wayfaring-tree					<i>Primula vulgaris</i>	Primrose			
<i>Viburnum opulus</i>	Guelder rose					<i>Ranunculus auricomus</i>	Goldlocks buttercup			
						<i>Sanicula europaea</i>	Sanicle			
						<i>Teucrium scorodonia</i>	Wood sage			
						<i>Veronica montana</i>	Wood speedwell			
						<i>Viola odorata</i>	Sweet violet			
						<i>Viola reichenbachiana</i>	Early dog violet			
		5	0	0		<i>Viola riviniana</i>	Common dog violet			
	Total species for each 30m section	5	0	0						
	Average per 30m section				5					
HEDGEROW ASSESSMENT										
Hedgerow features (taken from Hedgerow Regulations 1997 Part 11 Paragraph 7(4) to (i)).										
(a) A bank or wall which supports the hedgerow along at least half of its length;										Absent
(b) Gaps which aggregate do not exceed 10% of length of hedgerow;										Present
(c) Where the length of the hedgerow does not exceed 50m, at least one standard tree; (standard tree >20cm DBH (or 63cm circ) and multitemmed is >15cm DBH (or 47cm circ).)										Present
(d) Where the length of the hedgerow exceeds 50m but does not exceed 100m, at least 2 standard trees;										Absent
(e) Where the length of the hedgerow exceeds 100m, such number of standard trees (within any part of its length) as would when averaged over its total length amount at least one for each 50m;										Absent
(f) At least 3 woodland species (Schedule 2) within one metre, in any direction, of the outermost edges of the hedgerow;										Absent
(g) A ditch along at least one half of the length of the hedgerow;										Absent
(h) Connections scoring 4 points or more in accordance with sub-paragraph (5) 3										Absent
(i) A parallel hedge within 15m of the hedgerow.										Present
Total number of features present										3
Notable shrub or herb species that occur along the length of the entire hedge which are not listed in Schedule 2 or 3										
ly, white dead-nettle, perennial rye-grass, dandelion, false oat-grass, fool's parsley, hemlock.										
Total number of other hedgerows connecting to hedgerow that is subject of survey										
0										
Signs of use by notable fauna										
None observed										
Is the Hedgerow obviously less than 30 years in age?										No
Does hedge currently support or have desk study records of spp protected in Schedules 1, 5 or 8 of the WaCA, or red data book species for 2007 to date.										No
Does the hedge include at least 7 woody species (from Schedule 3)										No
Does the hedge include at least 6 woody species (from Schedule 3) + 3 features listed overleaf?										No
Does the hedge include at least 6 woody species (from Schedule 3), including native black poplar, small or large lrd lime or service tree?										No
Does the hedge include at least 5 woody species (from Schedule 3) + four features listed overleaf?										No
Hedge adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic + at least 4 woody species (from Schedule 3) + at least 2 of the features described in (a) to (g) above.										Yes
Qualifies as 'IMPORTANT HEDGEROW'?										Yes
Notes										
Southerly adjacent to A303. Southern side not surveyed due to lack of land access. PHASE 1 HABITAT CODE: J.2.3.1 Intact species-rich hedge and trees.										
Are further surveys needed?										No

HS1 HEDGEROW SURVEY										
Ecology ID ¹	Hedgerow 61			Land Parcel Reference		WS40276		Date	28/09/2017	
Weather Conditions	sunny			Surveyor(s)		Phil Newberry and Dave Locke		Transect ID	F001	
Wind	2	Air Temperature (°C)	18		Cloud Cover	3		Rain	0	
Start	Easting (X)	357690			End	Easting (X)	357843			
	Northing (Y)	125290				Northing (Y)	125352			
Total length of hedge section (m)	200			Number of 30m sections to be assessed			3			
Height of hedge (m)	4			Width of hedge (m)			1			
Number and length of gaps in hedge (as an overall % of length)					Number of mature trees (>20cm DBH) in total length of hedge					
1					1					
Are there any ditches along the length of the hedge?	No		Orientation of ditch	N/A		Wet or dry Ditch	N/A			
List of Schedule 3 Species for hedgerow assessment within 30m sections					Schedule 2 species, to be recorded along entire length of hedge (within 1m of outermost edges of the hedgerow)					
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR		
<i>Acer campestre</i>	Field maple					<i>Adoxa moschatellina</i>	Moschatel			
<i>Alnus glutinosa</i>	Alder					<i>Ajuga reptans</i>	Bugle			
<i>Betula pendula</i>	Silver birch					<i>Allium ursinum</i>	Ramsons			
<i>Betula pubescens</i>	Downy birch					<i>Anemone nemorosa</i>	Wood anemone			
<i>Carpinus betulus</i>	Hornbeam					<i>Anum maculatum</i>	Lords-and-ladies			
<i>Cornus sanguinea</i>	Dogwood	R			R	<i>Athyrium filix-femina</i>	Lady fern			
<i>Corylus avellana</i>	Hazel					<i>Brachypodium sylvaticum</i>	Wood false-brome	R		
<i>Crataegus laevigata</i>	Midland hawthorn					<i>Bromus ramosus</i>	Hairy brome			
<i>Crataegus monogyna</i>	Hawthorn	F	O		O	<i>Campanula trachelium</i>	Nettle-leaved bellflower			
<i>Daphne laureola</i>	Spurge-laurel					<i>Carex sylvatica</i>	Wood sedge			
<i>Daphne mezereum</i>	Daphne mezereum					<i>Circaea lutetiana</i>	Enchanters nightshade			
<i>Euonymus europaeus</i>	Spindle					<i>Conopodium majus</i>	Pignut			
<i>Fagus sylvatica</i>	Beech					<i>Dryopteris affinis</i>	Scaly male-fern			
<i>Frangula alnus</i>	Alder buckthorn					<i>Dryopteris carthusiana</i>	Narrow buckler fern			
<i>Fraxinus excelsior</i>	Ash	R	F	O	O	<i>Dryopteris dilatata</i>	Broad buckler-fern			
<i>Ilex aquifolium</i>	Holly					<i>Dryopteris filix-mas</i>	Male fern			
<i>Ligustrum vulgare</i>	Wild privet	O			R	<i>Epipactis helleborine</i>	Broad-leaved helleborine			
<i>Malus sylvestris</i>	Crab apple					<i>Equisetum sylvaticum</i>	Wood horsetail			
<i>Populus alba</i>	White poplar					<i>Euphorbia amygdaloides</i>	Wood spurge			
<i>Populus nigra ssp betulifolia</i>	Black poplar					<i>Festuca gigantea</i>	Giant fescue			
<i>Populus tremula</i>	Aspen					<i>Fragaria vesca</i>	Wild strawberry			
<i>Populus x canescens</i>	Grey poplar	R			R	<i>Galium odoratum</i>	Sweet woodruff			
<i>Prunus avium</i>	Wild cherry					<i>Geranium robertianum</i>	Herb Robert			
<i>Prunus spinosa</i>	Blackthorn	A	F	A	A	<i>Geum urbanum</i>	Wood aven			
<i>Pyrus cordata</i>	Plymouth pear					<i>Hyacinthoides non-scripta</i>	Bluebell			
<i>Pyrus pyraster</i>	Wild pear					<i>Lamium galeobdolon</i>	Yellow archangel			
<i>Quercus robur</i>	Pedunculata oak					<i>Lathraea squamaria</i>	Toothwort			
<i>Rhamnus cathartica</i>	Buckthorn					<i>Luzula pilosa</i>	Hairy wood-rush			
<i>Ribes uva-crispa</i>	Gooseberry					<i>Melampyrum pratense</i>	Common cow-wheat			
<i>Rosa species</i>	Rose species		R		R	<i>Mercurialis perennis</i>	Dog's mercury			
<i>Salix species</i>	Willow species					<i>Milium effusum</i>	Wood millet			
<i>Salix viminalis</i>	Osier					<i>Orchis mascula</i>	Early purple orchid			
<i>Sambucus nigra</i>	Elder	O	O		O	<i>Oxalis acetosella</i>	Wood sorrel			
	Sub-totals	7	5		2	<i>Paris quadrifolia</i>	Herb Paris			
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR		
<i>Sorbus aucuparia</i>	Rowan					<i>Phyllitis scolopendrium</i>	Hart's tongue			
<i>Sorbus species</i>	Whitebeam species					<i>Poa nemoralis</i>	Wood meadow-grass			
<i>Sorbus torminalis</i>	Wild service tree					<i>Polypodium vulgare</i>	Common polypody			
<i>Taxus baccata</i>	Yew					<i>Polytrichum aculeatum</i>	Hard shield fern			
<i>Tilia platyphyllos</i>	Large-leaved lime					<i>Polytrichum setiferum</i>	Soft shield fern			
<i>Ulex europaeus</i>	Gorse					<i>Potentilla sterilis</i>	Barren strawberry			
<i>Ulmus species</i>	Elm species	O	O	F	O	<i>Primula elatior</i>	Oxlip			
<i>Viburnum lantana</i>	Wayfaring-tree					<i>Primula vulgaris</i>	Primrose			
<i>Viburnum opulus</i>	Guelder rose					<i>Ranunculus auricomus</i>	Goldlocks buttercup			
						<i>Sanicula europaea</i>	Sanicle			
						<i>Teucrium scorodonia</i>	Wood sage			
						<i>Veronica montana</i>	Wood speedwell			
						<i>Viola odorata</i>	Sweet violet			
						<i>Viola reichenbachiana</i>	Early dog violet			
						<i>Viola riviniana</i>	Common dog violet			
Total species for each 30m section		8	6	3						
Average per 30m section					5.66666667					
HEDGEROW ASSESSMENT										
Hedgerow features (taken from Hedgerow Regulations 1997 Part 11 Paragraph 7(4) to (i)).										
(a) A bank or wall which supports the hedgerow along at least half of its length;										Absent
(b) Gaps which aggregate do not exceed 10% of length of hedgerow;										Present
(c) Where the length of the hedgerow does not exceed 50m, at least one standard tree; (standard tree >20cm DBH (or 63cm circ) and multistemmed is >15cm DBH (or 47cm circ).										Absent
(d) Where the length of the hedgerow exceeds 50m but does not exceed 100m, at least 2 standard trees;										Absent
(e) Where the length of the hedgerow exceeds 100m, such number of standard trees (within any part of its length) as would when averaged over its total length amount at least one for each 50m;										Absent
(f) At least 3 woodland species (Schedule 2) within one metre, in any direction, of the outermost edges of the hedgerow;										Absent
(g) A ditch along at least one half of the length of the hedgerow;										Absent
(h) Connections scoring 4 points or more in accordance with sub-paragraph (5) ¹										Absent
(i) A parallel hedge within 15m of the hedgerow.										Absent
Total number of features present										1
Notable shrub or herb species that occur along the length of the entire hedge which are not listed in Schedule 2 or 3										
Ground-ivy, ivy, bramble, common nettle, creeping thistle, red dead-nettle.										
Total number of other hedgerows connecting to hedgerow that is subject of survey										
1										
Signs of use by notable fauna										
None observed										
Is the Hedgerow obviously less than 30 years in age?										No
Does hedge currently support or have desk study records of spp protected in Schedules 1, 5 or 8 of the WaCA, or red data book species for 2007 to date.										No
Does the hedge include at least 7 woody species (from Schedule 3)										No
Does the hedge include at least 6 woody species (from Schedule 3) + 3 features listed overleaf?										No
Does the hedge include at least 6 woody species (from Schedule 3), including native black poplar, small or large lvd lime or service tree?										No
Does the hedge include at least 5 woody species (from Schedule 3) + four features listed overleaf?										No
Hedge adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic + at least 4 woody species (from Schedule 3) + at least 2 of the features described in (a) to (g) above.										No
Qualifies as 'IMPORTANT HEDGEROW'?										No
Notes										
Northern side not surveyed due to lack of land access. PHASE 1 HABITAT CODE: J2.3.1 Intact species-rich hedge and trees.										
Are further surveys needed?										No

HS1 HEDGEROW SURVEY										
Ecology ID ¹	Hedgerow 62			Land Parcel Reference		WS40276		Date	29/09/2017	
Weather Conditions	sunny			Surveyor(s)		Phil Newberry and Dave Locke		Transect ID	F001	
Wind	2	Air Temperature (°C)	16		Cloud Cover	4		Rain	0	
Start	Easting (X)	357453			End	Easting (X)	357500			
	Northing (Y)	125212				Northing (Y)	125246			
Total length of hedge section (m)	60			Number of 30m sections to be assessed			1			
Height of hedge (m)	4			Width of hedge (m)			2			
Number and length of gaps in hedge (as an overall % of length)					Number of mature trees (>20cm DBH) in total length of hedge					
0					4					
Are there any ditches along the length of the hedge?	No		Orientation of ditch	N/A		Wet or dry Ditch	N/A			
List of Schedule 3 Species for hedgerow assessment within 30m sections.					Schedule 2 species, to be recorded along entire length of hedge (within 1m of outermost edges of the hedgerow)					
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR		
<i>Acer campestre</i>	Field maple	A			A	<i>Adoxa moschatellina</i>	Moschatel			
<i>Alnus glutinosa</i>	Alder					<i>Ajuga reptans</i>	Bugle			
<i>Betula pendula</i>	Silver birch					<i>Allium ursinum</i>	Ramsons			
<i>Betula pubescens</i>	Downy birch					<i>Anemone nemorosa</i>	Wood anemone			
<i>Carpinus betulus</i>	Hornbeam					<i>Arum maculatum</i>	Lords-and-ladies			
<i>Cornus sanguinea</i>	Dogwood					<i>Athyrium filix-femina</i>	Lady fern			
<i>Corylus avellana</i>	Hazel					<i>Brachypodium sylvaticum</i>	Wood false-brome	R		
<i>Crataegus laevigata</i>	Midland hawthorn					<i>Bromus ramosus</i>	Hairy brome			
<i>Crataegus monogyna</i>	Hawthorn					<i>Campanula trachelium</i>	Nettle-leaved bellflower			
<i>Daphne laureola</i>	Spurge-laurel					<i>Carex sylvatica</i>	Wood sedge			
<i>Daphne mezereum</i>	Daphne mezereon					<i>Circaea lutetiana</i>	Enchanters nightshade			
<i>Euonymus europaeus</i>	Spindle					<i>Conopodium majus</i>	Pignut			
<i>Fagus sylvatica</i>	Beech					<i>Dryopteris affinis</i>	Scaly male-fern			
<i>Fragula alnus</i>	Alder buckthorn					<i>Dryopteris carthusiana</i>	Narrow buckler fern			
<i>Fraxinus excelsior</i>	Ash					<i>Dryopteris dilatata</i>	Broad buckler-fern			
<i>Ilex aquifolium</i>	Holly					<i>Dryopteris filix-mas</i>	Male fern			
<i>Ligustrum vulgare</i>	Wild privet					<i>Epipactis helleborine</i>	Broad-leaved helleborine			
<i>Malus sylvestris</i>	Crab apple					<i>Equisetum sylvaticum</i>	Wood horsetail			
<i>Populus alba</i>	White poplar					<i>Euphorbia amygdaloides</i>	Wood spurge			
<i>Populus nigra ssp betulifolia</i>	Black poplar					<i>Festuca gigantea</i>	Giant fescue			
<i>Populus tremula</i>	Aspen					<i>Fragaria vesca</i>	Wild strawberry			
<i>Populus x canescens</i>	Grey poplar					<i>Galium odoratum</i>	Sweet woodruff			
<i>Prunus avium</i>	Wild cherry					<i>Geranium robertianum</i>	Herb Robert			
<i>Prunus spinosa</i>	Blackthorn	F			F	<i>Geum urbanum</i>	Wood aven			
<i>Pyrus cordata</i>	Plymouth pear					<i>Hyacinthoides non-scripta</i>	Bluebell			
<i>Pyrus pyrastraster</i>	Wild pear					<i>Lamium galeobdolon</i>	Yellow archangel			
<i>Quercus robur</i>	Pedunculata oak					<i>Lathraea squamaria</i>	Toothwort			
<i>Rhamnus cathartica</i>	Buckthorn					<i>Luzula pilosa</i>	Hairy wood-rush			
<i>Ribes uva-crispa</i>	Gooseberry					<i>Melampyrum pratense</i>	Common cow-wheat			
<i>Rosa species</i>	Rose species					<i>Mercurialis perennis</i>	Dog's mercury			
<i>Salix species</i>	Willow species					<i>Milium effusum</i>	Wood millet			
<i>Salix viminalis</i>	Osier					<i>Orchis mascula</i>	Early purple orchid			
<i>Sambucus nigra</i>	Elder	R			R	<i>Oxalis acetosella</i>	Wood sorrel			
	Sub-totals	3	0	0		<i>Paris quadrifolia</i>	Herb Paris			
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR		
<i>Sorbus aucuparia</i>	Rowan					<i>Phyllitis scolopendrium</i>	Hart's tongue			
<i>Sorbus species</i>	Whitebeam species					<i>Poa nemoralis</i>	Wood meadow-grass			
<i>Sorbus torminalis</i>	Wild service tree					<i>Polypodium vulgare</i>	Common polypody			
<i>Taxus baccata</i>	Yew					<i>Polystichum aculeatum</i>	Hard shield fern			
<i>Tilia platyphyllos</i>	Large-leaved lime					<i>Polystichum setiferum</i>	Soft shield fern			
<i>Ulex europaeus</i>	Gorse					<i>Potentilla sterilis</i>	Barn strawberry			
<i>Ulmus species</i>	Elm species					<i>Primula elatior</i>	Oxlip			
<i>Viburnum lantana</i>	Wayfaring-tree					<i>Primula vulgaris</i>	Primrose			
<i>Viburnum opulus</i>	Guelder rose					<i>Ranunculus auricomus</i>	Goldlocks buttercup			
						<i>Sanicula europaea</i>	Sanicle			
						<i>Teucrium scorodonia</i>	Wood sage			
						<i>Veronica montana</i>	Wood speedwell			
						<i>Viola odorata</i>	Sweet violet			
						<i>Viola reichenbachiana</i>	Early dog violet			
						<i>Viola riviniana</i>	Common dog violet			
		3	0	0						
	Average per 30m section	3	0	0						
HEDGEROW ASSESSMENT										
Hedgerow features (taken from Hedgerow Regulations 1997 Part 11 Paragraph 7(4) to (i)).										
(a) A bank or wall which supports the hedgerow along at least half of its length;										Absent
(b) Gaps which aggregate do not exceed 10% of length of hedgerow;										Present
(c) Where the length of the hedgerow does not exceed 50m, at least one standard tree; (standard tree >20cm DBH (or 63cm circ) and multitemmed is >15cm DBH (or 47cm circ).										Absent
(d) Where the length of the hedgerow exceeds 50m but does not exceed 100m, at least 2 standard trees;										Present
(e) Where the length of the hedgerow exceeds 100m, such number of standard trees (within any part of its length) as would when averaged over its total length amount at least one for each 50m;										Absent
(f) At least 3 woodland species (Schedule 2) within one metre, in any direction, of the outermost edges of the hedgerow;										Absent
(g) A ditch along at least one half of the length of the hedgerow;										Absent
(h) Connections scoring 4 points or more in accordance with sub-paragraph (5) *										Absent
(i) A parallel hedge within 15m of the hedgerow.										Present
Total number of features present										3
Notable shrub or herb species that occur along the length of the entire hedge which are not listed in Schedule 2 or 3										
ground-ivy, common nettle, creeping thistle, cleavers, false oat-grass, bristly ox-tongue, garlic mustard.										
Total number of other hedgerows connecting to hedgerow that is subject of survey										
3										
Signs of use by notable fauna										
None observed										
Is the Hedgerow obviously less than 30 years in age?										No
Does hedge currently support or have desk study records of spp protected in Schedules 1, 5 or 8 of the WaCA, or red data book species for 2007 to date.										No
Does the hedge include at least 7 woody species (from Schedule 3)										No
Does the hedge include at least 6 woody species (from Schedule 3) + 3 features listed overleaf?										No
Does the hedge include at least 5 woody species (from Schedule 3), including native black poplar, small or large lrd lime or service tree?										No
Does the hedge include at least 5 woody species (from Schedule 3) + four features listed overleaf?										No
Hedge adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic + at least 4 woody species (from Schedule 3) + at least 2 of the features described in (a) to (g) above.										No
Qualifies as 'IMPORTANT HEDGEROW'?										No
Notes										
PHASE 1 HABITAT CODE: J2.3.2 Intact species-poor hedge and trees.										
Are further surveys needed?										No

HS1 HEDGEROW SURVEY									
Ecology ID ¹	Hedgerow 63			Land Parcel Reference		WS40276		Date	30/09/2017
Weather Conditions	light rain			Surveyor(s)		Phil Newberry and Emma Taylor	Transect ID	F001	
Wind	2	Air Temperature (°C)	16		Cloud Cover	8	Rain	1	
Start	Easting (X)	357442			End	Easting (X)	357414		
	Northing (Y)	125205				Northing (Y)	125343		
Total length of hedge section (m)	130			Number of 30m sections to be assessed		2			
Height of hedge (m)	8			Width of hedge (m)		2.5			
Number and length of gaps in hedge (as an overall % of length)					Number of mature trees (>20cm DBH) in total length of hedge				
0					1				
Are there any ditches along the length of the hedge?	No		Orientation of ditch	N/A		Wet or dry Ditch	N/A		
List of Schedule 3 Species for hedgerow assessment within 30m sections.					Schedule 2 species, to be recorded along entire length of hedge (within 1m of outermost edges of the hedgerow)				
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR	
<i>Acer campestre</i>	Field maple	F	O		F	<i>Adoxa moschatellina</i>	Moschatel		
<i>Ailun glutinosa</i>	Alder					<i>Ajuga reptans</i>	Bugle		
<i>Betula pendula</i>	Silver birch					<i>Allium ursinum</i>	Ramsons		
<i>Betula pubescens</i>	Downy birch					<i>Anemone nemorosa</i>	Wood anemone		
<i>Carpinus betulus</i>	Hornbeam					<i>Arum maculatum</i>	Lords-and-ladies		
<i>Cornus sanguinea</i>	Dogwood	R			R	<i>Athyrium filix-femina</i>	Lady fern		
<i>Corylus avellana</i>	Hazel					<i>Brachypodium sylvaticum</i>	Wood false-brome		
<i>Crataegus laevigata</i>	Midland hawthorn					<i>Bromus ramosus</i>	Hairy brome		
<i>Crataegus monogyna</i>	Hawthorn	O	O		O	<i>Campanula trachelium</i>	Nettle-leaved bellflower		
<i>Daphne laureola</i>	Spurge-laurel					<i>Carex sylvatica</i>	Wood sedge		
<i>Daphne mezereum</i>	Daphne mezereum					<i>Circaea lutetiana</i>	Enchanters nightshade		
<i>Euonymus europaeus</i>	Spindle					<i>Conopodium majus</i>	Pignut		
<i>Fagus sylvatica</i>	Beech					<i>Dryopteris affinis</i>	Scaly male-fern		
<i>Frangula alnus</i>	Alder buckthorn					<i>Dryopteris carthusiana</i>	Narrow buckler fern		
<i>Fraxinus excelsior</i>	Ash		O		R	<i>Dryopteris dilatata</i>	Broad buckler-fern		
<i>Ilex aquifolium</i>	Holly					<i>Dryopteris filix-mas</i>	Male fern		
<i>Ligustrum vulgare</i>	Wild privet	R	R		R	<i>Epipactis helleborine</i>	Broad-leaved helleborine		
<i>Malus sylvestris</i>	Crab apple					<i>Equisetum sylvaticum</i>	Wood horsetail		
<i>Populus alba</i>	White poplar					<i>Euphorbia amygdaloides</i>	Wood spurge		
<i>Populus nigra ssp betulifolia</i>	Black poplar					<i>Festuca gigantea</i>	Giant fescue		
<i>Populus tremula</i>	Aspen					<i>Fragaria vesca</i>	Wild strawberry		
<i>Populus x canescens</i>	Grey poplar					<i>Gallium odoratum</i>	Sweet woodruff		
<i>Prunus avium</i>	Wild cherry					<i>Geranium robertianum</i>	Herb Robert		
<i>Prunus spinosa</i>	Blackthorn	F	A		A	<i>Geum urbanum</i>	Wood aven		
<i>Pyrus cordata</i>	Plymouth pear					<i>Hyacinthoides non-scripta</i>	Bluebell		
<i>Pyrus pyrastor</i>	Wild pear					<i>Lamium stramonium</i>	Yellow archangel		
<i>Quercus robur</i>	Pedunculata oak					<i>Lathraea squamaria</i>	Toothwort		
<i>Rhamnus cathartica</i>	Buckthorn					<i>Luzula pilosa</i>	Hairy wood-rush		
<i>Ribes uva-crispa</i>	Gooseberry					<i>Melampyrum pratense</i>	Common cow-wheat		
<i>Rosa species</i>	Rose species	R	R		R	<i>Mercurialis perennis</i>	Dog's mercury		
<i>Salix species</i>	Willow species		O		R	<i>Milium effusum</i>	Wood millet		
<i>Salix viminalis</i>	Osier					<i>Orchis mascula</i>	Early purple orchid		
<i>Sambucus nigra</i>	Elder	R			R	<i>Oxalis acetosella</i>	Wood sorrel		
Sub-totals		7	7	0		<i>Paris quadrifolia</i>	Herb Paris		
Latin	English					Latin	English	General DAFOR	
<i>Sorbus aucuparia</i>	Rowan					<i>Phyllitis scolopendrium</i>	Hart's tongue		
<i>Sorbus species</i>	Whitebeam species					<i>Poa nemoralis</i>	Wood meadow-grass		
<i>Sorbus torminalis</i>	Wild service tree					<i>Polypodium vulgare</i>	Common polypody		
<i>Taxus baccata</i>	Yew					<i>Polystichum aculeatum</i>	Hard shield fern		
<i>Tilia platyphyllos</i>	Large-leaved lime					<i>Polystichum setiferum</i>	Soft shield fern		
<i>Ulex europaeus</i>	Gorse					<i>Potentilla stenilis</i>	Barren strawberry		
<i>Ulmus species</i>	Elm species					<i>Primula elatior</i>	Oxlip		
<i>Viburnum lantana</i>	Wayfaring-tree					<i>Primula vulgaris</i>	Primrose		
<i>Viburnum opulus</i>	Gelder rose					<i>Ranunculus auricomus</i>	Goldlocks buttercup		
						<i>Sanicula europaea</i>	Sanicle		
						<i>Teucrium scorodonia</i>	Wood sage		
						<i>Veronica montana</i>	Wood speedwell		
						<i>Viola odorata</i>	Sweet violet		
						<i>Viola reichenbachiana</i>	Early dog violet		
						<i>Viola riviniana</i>	Common dog violet		
Total species for each 30m section		7	7	0					
Average per 30m section		7							
HEDGEROW ASSESSMENT									
Hedgerow features (taken from Hedgerow Regulations 1997 Part 11 Paragraph 7(4) to (i)).									
(a) A bank or wall which supports the hedgerow along at least half of its length;								Present	
(b) Gaps which aggregate do not exceed 10% of length of hedgerow;								Present	
(c) Where the length of the hedgerow does not exceed 50m, at least one standard tree; (standard tree >20cm DBH (or 63cm circ) and multistemmed is >15cm DBH (or 47cm circ).								Absent	
(d) Where the length of the hedgerow exceeds 50m but does not exceed 100m, at least 2 standard trees;								Absent	
(e) Where the length of the hedgerow exceeds 100m, such number of standard trees (within any part of its length) as would when averaged over its total length amount at least one for each 50m;								Absent	
(f) At least 3 woodland species (Schedule 2) within one metre, in any direction, of the outermost edges of the hedgerow;								Absent	
(g) A ditch along at least one half of the length of the hedgerow;								Absent	
(h) Connections scoring 4 points or more in accordance with sub-paragraph (5) ¹								Absent	
(i) A parallel hedge within 15m of the hedgerow.								Present	
Total number of features present								3	
Notable shrub or herb species that occur along the length of the entire hedge which are not listed in Schedule 2 or 3									
False oat-grass, ground-ivy, common nettle, traveller's joy, bramble, lesser burdock, ivy, red campion.									
Total number of other hedgerows connecting to hedgerow that is subject of survey									
3									
Signs of use by notable fauna									
None observed									
Is the Hedgerow obviously less than 30 years in age?								No	
Does hedge currently support or have desk study records of spp protected in Schedules 1, 5 or 8 of the WaCA, or red data book species for 2007 to date.								No	
Does the hedge include at least 7 woody species (from Schedule 3)								Yes	
Does the hedge include at least 6 woody species (from Schedule 3) + 3 features listed overleaf?								Yes	
Does the hedge include at least 6 woody species (from Schedule 3), including native black poplar, small or large lrd lime or service tree?								No	
Does the hedge include at least 5 woody species (from Schedule 3) + four features listed overleaf?								No	
Hedge adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic + at least 4 woody species (from Schedule 3) + at least 2 of the features described in (a) to (g) above.								No	
Qualifies as 'IMPORTANT HEDGEROW'?								Yes	
Notes									
PHASE 1 HABITAT CODE: J2.3.1 Intact species-rich hedge and trees.									
Are further surveys needed?								No	

HS1 HEDGEROW SURVEY									
Ecology ID ¹	Hedgerow 64			Land Parcel Reference		U00018		Date	30/09/2017
Weather Conditions	light rain			Surveyor(s)		Phil Newberry and Emma Taylor	Transect ID	F001	
Wind	2	Air Temperature (°C)	16		Cloud Cover	8	Rain	1	
Start	Easting (X)		357442		End	Easting (X)		357316	
	Northing (Y)		125205			Northing (Y)		125135	
Total length of hedge section (m)	155			Number of 30m sections to be assessed		2			
Height of hedge (m)	4			Width of hedge (m)		1.5			
Number and length of gaps in hedge (as an overall % of length)				Number of mature trees (>20cm DBH) in total length of hedge					
2				0					
Are there any ditches along the length of the hedge?	No	Orientation of ditch	N/A		Wet or dry Ditch	N/A			
List of Schedule 3 Species for hedgerow assessment within 30m sections.					Schedule 2 species, to be recorded along entire length of hedge (within 1m of outermost edges of the hedgerow)				
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR	
<i>Acer campestre</i>	Field maple					<i>Adoxa moschatellina</i>	Moschatel		
<i>Alnus glutinosa</i>	Alder					<i>Ajuga reptans</i>	Bugle		
<i>Betula pendula</i>	Silver birch					<i>Allium ursinum</i>	Ramsons		
<i>Betula pubescens</i>	Downy birch					<i>Anemone nemorosa</i>	Wood anemone		
<i>Carpinus betulus</i>	Hornbeam					<i>Anemone ranunculoides</i>	Lords-and-ladies		
<i>Cornus sanguinea</i>	Dogwood	R			R	<i>Athyrium filix-femina</i>	Lady fern		
<i>Corylus avellana</i>	Hazel					<i>Brachypodium sylvaticum</i>	Wood false-brome		
<i>Crataegus laevigata</i>	Midland hawthorn					<i>Bromus ramosus</i>	Hairy brome		
<i>Crataegus monogyna</i>	Hawthorn	D	D		R	<i>Campanula trachelium</i>	Nettle-leaved bellflower		
<i>Daphne laureola</i>	Spurge-laurel					<i>Carex sylvatica</i>	Wood sedge		
<i>Daphne mezereum</i>	Daphne mezereum					<i>Circaea lutetiana</i>	Enchanters nightshade		
<i>Euonymus europaeus</i>	Spindle					<i>Conopodium majus</i>	Pignut		
<i>Fagus sylvatica</i>	Beech					<i>Dryopteris affinis</i>	Scaly male-fern		
<i>Frangula alnus</i>	Alder buckthorn					<i>Dryopteris carthusiana</i>	Narrow buckler-fern		
<i>Fraxinus excelsior</i>	Ash					<i>Dryopteris dilatata</i>	Broad buckler-fern		
<i>Ilex aquifolium</i>	Holly					<i>Dryopteris filix-mas</i>	Male fern		
<i>Ligustrum vulgare</i>	Wild privet					<i>Epipactis helleborine</i>	Broad-leaved helleborine		
<i>Malus sylvestris</i>	Crab apple					<i>Equisetum sylvaticum</i>	Wood horsetail		
<i>Populus alba</i>	White poplar					<i>Euphorbia amygdaloides</i>	Wood spurge		
<i>Populus nigra ssp betulifolia</i>	Black poplar					<i>Festuca gigantea</i>	Giant fescue		
<i>Populus tremula</i>	Aspen					<i>Fragaria vesca</i>	Wild strawberry		
<i>Populus x canescens</i>	Grey poplar					<i>Gallium odoratum</i>	Sweet woodruff		
<i>Prunus avium</i>	Wild cherry					<i>Geranium robertianum</i>	Herb Robert		
<i>Prunus spinosa</i>	Blackthorn	R				<i>Geum urbanum</i>	Wood avens		
<i>Pyrus cordata</i>	Plymouth pear					<i>Hyacinthoides non-scripta</i>	Bluebell		
<i>Pyrus pyrastrer</i>	Wild pear					<i>Lamium galeobdolon</i>	Yellow archangel		
<i>Quercus robur</i>	Pedunculate oak					<i>Lathraea squamaria</i>	Toothwort		
<i>Rhamnus cathartica</i>	Buckthorn					<i>Luzula pilosa</i>	Hairy wood-rush		
<i>Ribes uva-crispa</i>	Gooseberry					<i>Melampyrum pratense</i>	Common cow-wheat		
<i>Rosa species</i>	Rose species	R	R		R	<i>Mercurialis perennis</i>	Dog's mercury		
<i>Salix species</i>	Willow species					<i>Milium effusum</i>	Wood millet		
<i>Salix viminalis</i>	Osier					<i>Orchis mascula</i>	Early purple orchid		
<i>Sambucus nigra</i>	Elder					<i>Oxalis acetosella</i>	Wood sorrel		
Sub-totals		4	2	0		<i>Paris quadrifolia</i>	Herb Paris		
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR	
<i>Sorbus aucuparia</i>	Rowan					<i>Phyllitis scolopendrium</i>	Hart's tongue		
<i>Sorbus species</i>	Whitebeam species					<i>Poa nemoralis</i>	Wood meadow-grass		
<i>Sorbus torminalis</i>	Wild service tree					<i>Polypodium vulgare</i>	Common polypody		
<i>Taxus baccata</i>	Yew					<i>Polystichum aculeatum</i>	Hard shield fern		
<i>Tilia platyphyllos</i>	Large-leaved lime					<i>Polystichum setiferum</i>	Soft shield fern		
<i>Ulex europaeus</i>	Gorse					<i>Potentilla sterilis</i>	Barren strawberry		
<i>Ulmus species</i>	Elm species					<i>Primula elatior</i>	Oxlip		
<i>Viburnum lantana</i>	Wayfaring-tree					<i>Primula vulgaris</i>	Primrose		
<i>Viburnum opulus</i>	Guelder rose					<i>Ranunculus auricomus</i>	Goldlocks buttercup		
						<i>Sanicula europaea</i>	Sanicle		
						<i>Teucrium scorodonia</i>	Wood sage		
						<i>Veronica montana</i>	Wood speedwell		
						<i>Viola odorata</i>	Sweet violet		
Total species for each 30m section		4	2	0		<i>Viola reichenbachiana</i>	Early dog violet		
Average per 30m section						<i>Viola riviniana</i>	Common dog violet		
HEDGEROW ASSESSMENT									
Hedgerow features (taken from Hedgerow Regulations 1997 Part 11 Paragraph 7(4) to (i)).									
(a) A bank or wall which supports the hedgerow along at least half of its length;								Absent	
(b) Gaps which aggregate do not exceed 10% of length of hedgerow;								Present	
(c) Where the length of the hedgerow does not exceed 50m, at least one standard tree; (standard tree >20cm DBH (or 63cm circ) and multistemmed is >15cm DBH (or 47cm circ).								Absent	
(d) Where the length of the hedgerow exceeds 50m but does not exceed 100m, at least 2 standard trees;								Absent	
(e) Where the length of the hedgerow exceeds 100m, such number of standard trees (within any part of its length) as would when averaged over its total length amount at least one for each 50m.								Absent	
(f) At least 3 woodland species (Schedule 2) within one metre, in any direction, of the outermost edges of the hedgerow;								Absent	
(g) A ditch along at least one half of the length of the hedgerow;								Absent	
(h) Connections scoring 4 points or more in accordance with sub-paragraph (5) ¹								Absent	
(i) A parallel hedge within 15m of the hedgerow.								Absent	
Total number of features present								1	
Notable shrub or herb species that occur along the length of the entire hedge which are not listed in Schedule 2 or 3									
Ground-ivy, common nettle, ivy, hedge bindweed, hogweed, black bryony, white comfrey.									
Total number of other hedgerows connecting to hedgerow that is subject of survey									
2									
Signs of use by notable fauna									
None observed									
Is the Hedgerow obviously less than 30 years in age?								No	
Does hedge currently support or have desk study records of spp protected in Schedules 1, 5 or 8 of the WaCA, or red data book species for 2007 to date.								No	
Does the hedge include at least 7 woody species (from Schedule 3)								No	
Does the hedge include at least 6 woody species (from Schedule 3) + 3 features listed overleaf?								No	
Does the hedge include at least 5 woody species (from Schedule 3), including native black poplar, small or large hd lime or service tree?								No	
Does the hedge include at least 5 woody species (from Schedule 3) + four features listed overleaf?								No	
Hedge adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic + at least 4 woody species (from Schedule 3) + at least 2 of the features described in (a) to (g) above.								No	
Qualifies as 'IMPORTANT HEDGEROW'?								No	
Notes									
PHASE 1 HABITAT CODE: J2.1.2 Intact species-poor hedge.									
Are further surveys needed?								No	

HS1 HEDGEROW SURVEY									
Ecology ID	Hedgerow 65			Land Parcel Reference		u00018		Date 22/11/2017	
Weather Conditions	dry and cloudy			Surveyor(s)		AM & ET	Transect ID	F001	
Wind	2	Air Temperature (°C)	14	Cloud Cover	8	Rain	0		
Start	Easting (X)	357431			End	Easting (X)	357403		
	Northing (Y)	125045				Northing (Y)	125098		
Total length of hedge section (m)	130			Number of 30m sections to be assessed		2			
Height of hedge (m)	3			Width of hedge (m)		1.5			
Number and length of gaps in hedge (as an overall % of length)					Number of mature trees (>20cm DBH) in total length of hedge				
0					0				
Are there any ditches along the length of the hedge?	No	Orientation of ditch	N/A		Wet or dry Ditch	N/A			
List of Schedule 3 Species for hedgerow assessment within 30m sections.					Schedule 2 species, to be recorded along entire length of hedge (within 1m of outermost edges of the hedgerow)				
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR	
<i>Acer campestre</i>	Field maple	O				<i>Adoxa moschatellina</i>	Moschatel		
<i>Alnus glutinosa</i>	Alder					<i>Ajuga reptans</i>	Bugle		
<i>Betula pendula</i>	Silver birch					<i>Allium ursinum</i>	Ramsons		
<i>Betula pubescens</i>	Downy birch					<i>Anemone nemorosa</i>	Wood anemone		
<i>Carpinus betulus</i>	Hornbeam					<i>Anum maculatum</i>	Lords-and-ladies		
<i>Cornus sanguinea</i>	Dogwood					<i>Athyrium filix-femina</i>	Lady fern		
<i>Corylus avellana</i>	Hazel					<i>Brachypodium sylvaticum</i>	Wood false-brome		
<i>Cataegus laevigata</i>	Midland hawthorn					<i>Bromus ramosus</i>	Hairy brome		
<i>Cataegus monogyna</i>	Hawthorn	O				<i>Campanula trachelium</i>	Nettle-leaved bellflower		
<i>Daphne laureola</i>	Spurge-laurel					<i>Carex sylvatica</i>	Wood sedge		
<i>Daphne mezereum</i>	Daphne mezereon					<i>Circaea lutetiana</i>	Enchanters nightshade		
<i>Euonymus europaeus</i>	Spindle					<i>Conopodium majus</i>	Pignut		
<i>Fagus sylvatica</i>	Beech					<i>Dryopteris affinis</i>	Scaly male-fern		
<i>Fraxinus alnus</i>	Alder buckthorn					<i>Dryopteris carthusiana</i>	Narrow buckler fern		
<i>Fraxinus excelsior</i>	Ash		R			<i>Dryopteris dilatata</i>	Broad buckler-fern		
<i>Ilex aquifolium</i>	Holly					<i>Dryopteris filix-mas</i>	Male fern		
<i>Ligustrum vulgare</i>	Wild privet		R			<i>Epipactis helleborine</i>	Broad-leaved helleborine		
<i>Malus sylvestris</i>	Crab apple					<i>Equisetum sylvaticum</i>	Wood horsetail		
<i>Populus alba</i>	White poplar					<i>Euphorbia amygdaloides</i>	Wood spurge		
<i>Populus nigra ssp betulifolia</i>	Black poplar					<i>Festuca gigantea</i>	Giant fescue		
<i>Populus tremula</i>	Aspen					<i>Fragaria vesca</i>	Wild strawberry		
<i>Populus x canescens</i>	Grey poplar					<i>Galium odoratum</i>	Sweet woodruff		
<i>Prunus avium</i>	Wild cherry					<i>Geranium robertianum</i>	Herb Robert		
<i>Prunus spinosa</i>	Blackthorn	O				<i>Geum urbanum</i>	Wood aven		
<i>Pyrus cordata</i>	Plymouth pear					<i>Hyacinthoides non-scripta</i>	Bluebell		
<i>Pyrus pyrastrer</i>	Wild pear					<i>Lamium galeobdolon</i>	Yellow archangel		
<i>Quercus robur</i>	Pedunculata oak					<i>Lathraea squamaria</i>	Toothwort		
<i>Rhamnus cathartica</i>	Buckthorn					<i>Luzula pilosa</i>	Hairy wood-rush		
<i>Ribes uva-crispa</i>	Gooseberry					<i>Melampyrum pratense</i>	Common cow-wheat		
<i>Rosa species</i>	Rose species					<i>Mercurialis perennis</i>	Dog's mercury		
<i>Salix species</i>	Willow species					<i>Milium effusum</i>	Wood millet		
<i>Salix viminalis</i>	Osier					<i>Orchis mascula</i>	Early purple orchid		
<i>Sambucus nigra</i>	Elder		R			<i>Oxalis acetosella</i>	Wood sorrel		
	Sub-totals	3	3			<i>Paris quadrifolia</i>	Herb Paris		
Latin	English				General DAFOR	Latin	English	General DAFOR	
<i>Sorbus aucuparia</i>	Rowan					<i>Phyllitis scolopendrium</i>	Hart's tongue		
<i>Sorbus species</i>	Whitebeam species					<i>Poa nemoralis</i>	Wood meadow-grass		
<i>Sorbus torminalis</i>	Wild service tree					<i>Polypodium vulgare</i>	Common polypody		
<i>Taxus baccata</i>	Yew					<i>Polystichum aculeatum</i>	Hard shield fern		
<i>Tilia platyphyllos</i>	Large-leaved lime					<i>Polystichum setiferum</i>	Soft shield fern		
<i>Ulex europaeus</i>	Gorse					<i>Potentilla sterilis</i>	Barren strawberry		
<i>Ulmus species</i>	Elm species	F	O			<i>Primula elatior</i>	Oxlip		
<i>Viburnum lantana</i>	Wayfaring-tree					<i>Primula vulgaris</i>	Primrose		
<i>Viburnum opulus</i>	Guelder rose					<i>Ranunculus auricomus</i>	Goldlocks buttercup		
						<i>Sanicula europaea</i>	Sanicle		
						<i>Teucrium scorodonia</i>	Wood sage		
						<i>Veronica montana</i>	Wood speedwell		
						<i>Viola odorata</i>	Sweet violet		
						<i>Viola reichenbachiana</i>	Early dog violet		
						<i>Viola riviniana</i>	Common dog violet		
Total species for each 30m section		4	4	0					
Average per 30m section					2.66666667				
HEDGEROW ASSESSMENT									
Hedgerow features (taken from Hedgerow Regulations 1997 Part 11 Paragraph 7(4) to (j)).									
(a) A bank or wall which supports the hedgerow along at least half of its length;								Absent	
(b) Gaps which aggregate do not exceed 10% of length of hedgerow;								Absent	
(c) Where the length of the hedgerow does not exceed 50m, at least one standard tree; (standard tree >20cm DBH (or 63cm circ) and multistemmed is >15cm DBH (or 47cm circ).								Absent	
(d) Where the length of the hedgerow exceeds 50m but does not exceed 100m, at least 2 standard trees;								Absent	
(e) Where the length of the hedgerow exceeds 100m, such number of standard trees (within any part of its length) as would when averaged over its total length amount at least one for each 50m;								Absent	
(f) At least 3 woodland species (Schedule 2) within one metre, in any direction, of the outermost edges of the hedgerow;								Absent	
(g) A ditch along at least one half of the length of the hedgerow;								Absent	
(h) Connections scoring 4 points or more in accordance with sub-paragraph (5) ³								Absent	
(i) A parallel hedge within 15m of the hedgerow.								Absent	
Total number of features present								Absent	
Notable shrub or herb species that occur along the length of the entire hedge which are not listed in Schedule 2 or 3									
None observed									
Total number of other hedgerows connecting to hedgerow that is subject of survey									
1									
Signs of use by notable fauna									
None observed									
Is the Hedgerow obviously less than 30 years in age?								No	
Does hedge currently support or have desk study records of spp protected in Schedules 1, 5 or 8 of the WaCA, or red data book species for 2007 to date.								Unknown	
Does the hedge include at least 7 woody species (from Schedule 3)								Yes	
Does the hedge include at least 6 woody species (from Schedule 3) + 3 features listed overleaf?								No	
Does the hedge include at least 6 woody species (from Schedule 3), including native black poplar, small or large ivy lime or service tree?								No	
Does the hedge include at least 5 woody species (from Schedule 3) + four features listed overleaf?								No	
Hedge adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic + at least 4 woody species (from Schedule 3) + at least 2 of the features described in (a) to (g) above.								No	
Qualifies as 'IMPORTANT HEDGEROW'?								Yes	
n									
ground ivy, ivy, cleavers, nettle, - intact hedge J2 classificatio number									
Are further surveys needed?								No	

HS1 HEDGEROW SURVEY										
Ecology ID ¹	Hedgerow 66			Land Parcel Reference		U00013		Date	28/09/2017	
Weather Conditions	sunny			Surveyor(s)		Phil Newbery and David Locke		Transect ID	F001	
Wind	1	Air Temperature (°C)	19		Cloud Cover	4		Rain	0	
Start	Easting (X)		357112		End	Easting (X)		357604		
	Northing (Y)		125044			Northing (Y)		125278		
Total length of hedge section (m)	545			Number of 30m sections to be assessed			3			
Height of hedge (m)	3			Width of hedge (m)			1.5			
Number and length of gaps in hedge (as an overall % of length)					Number of mature trees (>20cm DBH) in total length of hedge					
1					0					
Are there any ditches along the length of the hedge?	No		Orientation of ditch	N/A		Wet or dry Ditch	N/A			
List of Schedule 3 Species for hedgerow assessment within 30m sections.					Schedule 2 species, to be recorded along entire length of hedge (within 1m of outermost edges of the hedgerow)					
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR		
<i>Acer campestre</i>	Field maple			O	R	<i>Adoxa moschatellina</i>	Moschatel			
<i>Alnus glutinosa</i>	Alder					<i>Ajuga reptans</i>	Bugle			
<i>Betula pendula</i>	Silver birch					<i>Allium ursinum</i>	Ramsons			
<i>Betula pubescens</i>	Downy birch					<i>Anemone nemorosa</i>	Wood anemone			
<i>Carpinus betulus</i>	Hornbeam					<i>Arum maculatum</i>	Lords-and-ladies			
<i>Cornus sanguinea</i>	Dogwood		R		R	<i>Athyrium filix-femina</i>	Lady fern			
<i>Corylus avellana</i>	Hazel					<i>Brachypodium sylvaticum</i>	Wood false-brome			R
<i>Crataegus laevigata</i>	Midland hawthorn					<i>Bromus ramosus</i>	Hairy brome			
<i>Crataegus monogyna</i>	Hawthorn			R	R	<i>Campanula trachelium</i>	Nettle-leaved bellflower			
<i>Daphne laureola</i>	Spurge-laurel					<i>Carex sylvatica</i>	Wood sedge			
<i>Daphne mezereum</i>	Daphne mezereum					<i>Circaea lutetiana</i>	Enchanters nightshade			
<i>Euonymus europaeus</i>	Spindle					<i>Conopodium majus</i>	Pignut			
<i>Fagus sylvatica</i>	Beech					<i>Dryopteris affinis</i>	Scaly male-fern			
<i>Fraxinus alnus</i>	Alder buckthorn					<i>Dryopteris carthusiana</i>	Narrow buckler-fern			
<i>Fraxinus excelsior</i>	Ash			O	O	<i>Dryopteris dilatata</i>	Broad buckler-fern			
<i>Ilex aquifolium</i>	Holly					<i>Dryopteris filix-mas</i>	Male fern			
<i>Ligustrum vulgare</i>	Wild privet					<i>Epipactis helleborine</i>	Broad-leaved helleborine			
<i>Malus sylvestris</i>	Crab apple					<i>Equisetum sylvaticum</i>	Wood horsetail			
<i>Populus alba</i>	White poplar					<i>Euphorbia amygdaloides</i>	Wood spurge			
<i>Populus nigra ssp betulifolia</i>	Black poplar					<i>Festuca gigantea</i>	Giant fescue			
<i>Populus tremula</i>	Aspen					<i>Fragaria vesca</i>	Wild strawberry			
<i>Populus x canescens</i>	Grey poplar					<i>Galium odoratum</i>	Sweet woodruff			
<i>Prunus avium</i>	Wild cherry					<i>Geranium robertianum</i>	Herb Robert			R
<i>Prunus spinosa</i>	Blackthorn		R	O	R	<i>Geum urbanum</i>	Wood aven			R
<i>Pyrus cordata</i>	Plymouth pear					<i>Hyacinthoides non-scripta</i>	Bluebell			
<i>Pyrus pyrastrer</i>	Wild pear					<i>Lamiumstrum galeobdolon</i>	Yellow archangel			
<i>Quercus robur</i>	Pedunculata oak					<i>Lathraea squamaria</i>	Toothwort			
<i>Rhamnus cathartica</i>	Buckthorn					<i>Luzula pilosa</i>	Hairy wood-rush			
<i>Ribes uva-crispa</i>	Gooseberry					<i>Melampyrum pratense</i>	Common cow-wheat			
<i>Rosa species</i>	Rose species					<i>Mercurialis perennis</i>	Dog's mercury			
<i>Salix species</i>	Willow species					<i>Milium effusum</i>	Wood millet			
<i>Salix viminalis</i>	Osier					<i>Orchis mascula</i>	Early purple orchid			
<i>Sambucus nigra</i>	Elder	R		R	R	<i>Oxalis acetosella</i>	Wood sorrel			
Sub-totals		1	2	5		<i>Paris quadrifolia</i>	Herb Paris			
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR		
<i>Sorbus aucuparia</i>	Rowan					<i>Phyllitis scolopendrium</i>	Hart's tongue			
<i>Sorbus species</i>	Whitebeam species					<i>Poa nemoralis</i>	Wood meadow-grass			
<i>Sorbus torminalis</i>	Wild service tree					<i>Polypodium vulgare</i>	Common polypody			
<i>Taxus baccata</i>	Yew					<i>Polystichum aculeatum</i>	Hard shield fern			
<i>Tilia platyphyllos</i>	Large-leaved lime					<i>Polystichum setiferum</i>	Soft shield fern			
<i>Ulex europaeus</i>	Gorse					<i>Potentilla sterilis</i>	Barren strawberry			
<i>Ulmus species</i>	Elm species	D	D	A	D	<i>Primula elatior</i>	Oxlip			
<i>Viburnum lantana</i>	Wayfaring-tree					<i>Primula vulgaris</i>	Primrose			
<i>Viburnum opulus</i>	Guelder rose					<i>Ranunculus auricomus</i>	Goldlocks buttercup			
						<i>Sanicula europaea</i>	Sanicle			
						<i>Teucrium scorodonia</i>	Wood sage			
						<i>Veronica montana</i>	Wood speedwell			
						<i>Viola odorata</i>	Sweet violet			
						<i>Viola reichenbachiana</i>	Early dog violet			
Total species for each 30m section		2	3	6		<i>Viola riviniana</i>	Common dog violet			
Average per 30m section					3.66666667					
HEDGEROW ASSESSMENT										
Hedgerow features (taken from Hedgerow Regulations 1997 Part 11 Paragraph 7(4) to (j)).										
(a) A bank or wall which supports the hedgerow along at least half of its length;										Absent
(b) Gaps which aggregate do not exceed 10% of length of hedgerow;										Present
(c) Where the length of the hedgerow does not exceed 50m, at least one standard tree; (standard tree >20cm DBH (or 63cm circ) and multitemmed is >15cm DBH (or 47cm circ).										Absent
(d) Where the length of the hedgerow exceeds 50m but does not exceed 100m, at least 2 standard trees;										Absent
(e) Where the length of the hedgerow exceeds 100m, such number of standard trees (within any part of its length) as would when averaged over its total length amount at least one for each 50m;										Absent
(f) At least 3 woodland species (Schedule 2) within one metre, in any direction, of the outermost edges of the hedgerow;										Absent
(g) A ditch along at least one half of the length of the hedgerow;										Absent
(h) Connections scoring 4 points or more in accordance with sub-paragraph (5) ¹										Absent
(i) A parallel hedge within 15m of the hedgerow.										Present
Total number of features present										2
Notable shrub or herb species that occur along the length of the entire hedge which are not listed in Schedule 2 or 3										
Dandelion, red dead-nettle, common nettle, cleavers, false oat-grass, garlic mustard, cow parsley, smooth sow-thistle, ivy, white dead-nettle, hogweed, ribwort plantain, bramble, perennial rye-grass.										
Total number of other hedgerows connecting to hedgerow that is subject of survey										
0										
Signs of use by notable fauna										
None observed										
Is the Hedgerow obviously less than 30 years in age?										No
Does hedge currently support or have desk study records of spp protected in Schedules 1, 5 or 8 of the WaCA, or red data book species for 2007 to date.										No
Does the hedge include at least 7 woody species (from Schedule 3)										No
Does the hedge include at least 6 woody species (from Schedule 3) + 3 features listed overleaf?										No
Does the hedge include at least 6 woody species (from Schedule 3), including native black poplar, small or large lrd lime or service tree?										No
Does the hedge include at least 5 woody species (from Schedule 3) + four features listed overleaf?										No
Hedge adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic + at least 4 woody species (from Schedule 3) + at least 2 of the features described in (a) to (g) above.										No
Qualifies as 'IMPORTANT HEDGEROW'?										No
Notes										
PHASE 1 HABITAT CODE: J2.1.1 Intact species-rich hedge.										
Are further surveys needed?										No

HS1 HEDGEROW SURVEY									
Ecology ID ¹	Hedgerow 67			Land Parcel Reference		ST124496, WS50289, WS33009		Date	29/09/2017
Weather Conditions	cloudy			Surveyor(s)		Phil Newbery and Emma Taylor		Transect ID	F001
Wind	2	Air Temperature (°C)	16		Cloud Cover	8	Rain	0	
Start	Easting (X)	357065			End	Easting (X)	356659		
	Northing (Y)	125053				Northing (Y)	124904		
Total length of hedge section (m)	430			Number of 30m sections to be assessed		3			
Height of hedge (m)	8			Width of hedge (m)		2			
Number and length of gaps in hedge (as an overall % of length)					Number of mature trees (>20cm DBH) in total length of hedge				
6					6				
Are there any ditches along the length of the hedge?	No	Orientation of ditch	N/A		Wet or dry Ditch	N/A			
List of Schedule 3 Species for hedgerow assessment within 30m sections.					Schedule 2 species, to be recorded along entire length of hedge (within 1m of outermost edges of the hedgerow)				
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR	
<i>Acer campestre</i>	Field maple		O		R	<i>Adoxa moschatellina</i>	Moschatel		
<i>Alnus glutinosa</i>	Alder					<i>Ajuga reptans</i>	Bugle		
<i>Betula pendula</i>	Silver birch					<i>Allium ursinum</i>	Ramsons		
<i>Betula pubescens</i>	Downy birch					<i>Anemone nemorosa</i>	Wood anemone		
<i>Carpinus betulus</i>	Hornbeam					<i>Anem maculatum</i>	Lords-and-ladies		
<i>Cornus sanguinea</i>	Dogwood					<i>Athyrium filix-femina</i>	Lady fern		
<i>Corylus avellana</i>	Hazel					<i>Brachypodium sylvaticum</i>	Wood false-brome	R	
<i>Crataegus laevigata</i>	Midland hawthorn					<i>Bromus ramosus</i>	Hairy brome		
<i>Crataegus monogyna</i>	Hawthorn		O	O	O	<i>Campanula trachelium</i>	Nettle-leaved bellflower		
<i>Daphne laureola</i>	Spurge-laurel					<i>Carex sylvatica</i>	Wood sedge		
<i>Daphne mezereum</i>	Daphne mezereum					<i>Circaea lutetiana</i>	Enchanters nightshade		
<i>Euonymus europaeus</i>	Spindle					<i>Conopodium majus</i>	Pignut		
<i>Fagus sylvatica</i>	Beech					<i>Dryopteris affinis</i>	Scaly male-fern		
<i>Frangula alnus</i>	Alder buckthorn					<i>Dryopteris carthusiana</i>	Narrow buckler fern		
<i>Fraxinus excelsior</i>	Ash		O	R	R	<i>Dryopteris dilatata</i>	Broad buckler-fern		
<i>Ilex aquifolium</i>	Holly					<i>Dryopteris filix-mas</i>	Male fern		
<i>Ligustrum vulgare</i>	Wild privet					<i>Epipactis helleborine</i>	Broad-leaved helleborine		
<i>Malus sylvestris</i>	Crab apple					<i>Equisetum sylvaticum</i>	Wood horsetail		
<i>Populus alba</i>	White poplar					<i>Euphorbia amygdaloides</i>	Wood spurge		
<i>Populus nigra ssp betulifolia</i>	Black poplar					<i>Festuca gigantea</i>	Giant fescue		
<i>Populus tremula</i>	Aspen					<i>Fragaria vesca</i>	Wild strawberry		
<i>Populus x canescens</i>	Grey poplar					<i>Galium odoratum</i>	Sweet woodruff		
<i>Prunus avium</i>	Wild cherry					<i>Geranium robertianum</i>	Herb Robert		
<i>Prunus spinosa</i>	Blackthorn	F			O	<i>Geum urbanum</i>	Wood aven		
<i>Pyrus cordata</i>	Plymouth pear					<i>Hyacinthoides non-scripta</i>	Bluebell		
<i>Pyrus pyrastrer</i>	Wild pear					<i>Lamium galeobdolon</i>	Yellow archangel		
<i>Quercus robur</i>	Pedunculata oak					<i>Lathraea squamaria</i>	Toothwort		
<i>Rhamnus cathartica</i>	Buckthorn					<i>Luzula pilosa</i>	Hairy wood-rush		
<i>Ribes uva-crispa</i>	Gooseberry					<i>Melampyrum pratense</i>	Common cow-wheat		
<i>Rosa species</i>	Rose species		R		R	<i>Mercurialis perennis</i>	Dog's mercury		
<i>Salix species</i>	Willow species					<i>Milium effusum</i>	Wood millet		
<i>Salix viminalis</i>	Osier					<i>Orchis mascula</i>	Early purple orchid		
<i>Sambucus nigra</i>	Elder	R	O	O	O	<i>Oxalis acetosella</i>	Wood sorrel		
	Sub-totals	2	5	3		<i>Paris quadrifolia</i>	Herb Paris		
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR	
<i>Sorbus aucuparia</i>	Rowan					<i>Phyllitis scolopendrium</i>	Hart's tongue		
<i>Sorbus species</i>	Whitebeam species					<i>Poa nemoralis</i>	Wood meadow-grass		
<i>Sorbus torminalis</i>	Wild service tree					<i>Polypodium vulgare</i>	Common polypody		
<i>Taxus baccata</i>	Yew					<i>Polystichum aculeatum</i>	Hard shield fern		
<i>Tilia platyphyllos</i>	Large-leaved lime					<i>Polystichum setiferum</i>	Soft shield fern		
<i>Ulex europaeus</i>	Gorse					<i>Potentilla sterilis</i>	Barren strawberry		
<i>Ulmus species</i>	Elm species	A	F	A	A	<i>Primula elatior</i>	Oxlip		
<i>Viburnum lantana</i>	Wayfaring-tree					<i>Primula vulgaris</i>	Primrose		
<i>Viburnum opulus</i>	Guelder rose					<i>Ranunculus auricomus</i>	Goldlocks buttercup		
						<i>Sanicula europaea</i>	Sanicle		
						<i>Teucrium scorodonia</i>	Wood sage		
						<i>Veronica montana</i>	Wood speedwell		
						<i>Viola odorata</i>	Sweet violet		
						<i>Viola reichenbachiana</i>	Early dog violet		
						<i>Viola riviniana</i>	Common dog violet		
Total species for each 30m section		3	6	4					
Average per 30m section					4.33333333				
HEDGEROW ASSESSMENT									
Hedgerow features (taken from Hedgerow Regulations 1997 Part 11 Paragraph 7(4) to (i)).									
(a) A bank or wall which supports the hedgerow along at least half of its length;									Present
(b) Gaps which aggregate do not exceed 10% of length of hedgerow;									Present
(c) Where the length of the hedgerow does not exceed 50m, at least one standard tree; (standard tree >20cm DBH (or 63cm circ) and multitemmed is >15cm DBH (or 47cm circ).									Absent
(d) Where the length of the hedgerow exceeds 50m but does not exceed 100m, at least 2 standard trees;									Absent
(e) Where the length of the hedgerow exceeds 100m, such number of standard trees (within any part of its length) as would when averaged over its total length amount at least one for each 50m;									Absent
(f) At least 3 woodland species (Schedule 2) within one metre, in any direction, of the outermost edges of the hedgerow.									Absent
(g) A ditch along at least one half of the length of the hedgerow;									Absent
(h) Connections scoring 4 points or more in accordance with sub-paragraph (5) ¹									Absent
(i) A parallel hedge within 15m of the hedgerow.									Absent
Total number of features present								2	
Notable shrub or herb species that occur along the length of the entire hedge which are not listed in Schedule 2 or 3									
Hogweed, ground-ivy, cock's-foot, false oat-grass, common nettle, bramble, cow parsley, stinking iris, hemlock									
Total number of other hedgerows connecting to hedgerow that is subject of survey									
2									
Signs of use by notable fauna									
None observed									
Is the Hedgerow obviously less than 30 years in age?									No
Does hedge currently support or have desk study records of spp protected in Schedules 1, 5 or 8 of the WaCA, or red data book species for 2007 to date.									No
Does the hedge include at least 7 woody species (from Schedule 3)									No
Does the hedge include at least 6 woody species (from Schedule 3) + 3 features listed overleaf?									No
Does the hedge include at least 6 woody species (from Schedule 3), including native black poplar, small or large ldl lime or service tree?									No
Does the hedge include at least 5 woody species (from Schedule 3) + four features listed overleaf?									No
Hedge adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic + at least 4 woody species (from Schedule 3) + at least 2 of the features described in (a) to (g) above.									Yes
Qualifies as 'IMPORTANT HEDGEROW'?								Yes	
Notes									
Southern side of hedgerow not surveyed due to narrowness of A303 road verge. PHASE 1 HABITAT CODE: J.2.3.1 Intact species-rich hedge and trees.									
Are further surveys needed?								No	

HS1 HEDGEROW SURVEY										
Ecology ID ¹	Hedgerow 68			Land Parcel Reference		ST104402		Date	29/09/2017	
Weather Conditions		sunny			Surveyor(s)		Phil Newbery and Dave Locke	Transect ID	F001	
Wind	2	Air Temperature (°C)		16		Cloud Cover		4	Rain	0
Start	Easting (X)		356661			End	Easting (X)		356980	
	Northing (Y)		124858				Northing (Y)		124700	
Total length of hedge section (m)			355			Number of 30m sections to be assessed			3	
Height of hedge (m)			4			Width of hedge (m)			1	
Number and length of gaps in hedge (as an overall % of length)					Number of mature trees (>20cm DBH) in total length of hedge					
9					2					
Are there any ditches along the length of the hedge?		No		Orientation of ditch		N/A		Wet or dry Ditch		N/A
List of Schedule 3 Species for hedgerow assessment within 30m sections.						Schedule 2 species, to be recorded along entire length of hedge (within 1m of outermost edges of the hedgerow)				
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR		
<i>Acer campestre</i>	Field maple	R	R		R	<i>Adoxa moschatellina</i>	Moschatel			
<i>Alnus glutinosa</i>	Alder					<i>Ajuga reptans</i>	Bugle			
<i>Betula pendula</i>	Silver birch					<i>Allium ursinum</i>	Ramsons			
<i>Betula pubescens</i>	Downy birch					<i>Anemone nemorosa</i>	Wood anemone			
<i>Carpinus betulus</i>	Hornbeam					<i>Anum maculatum</i>	Lords-and-ladies			
<i>Cornus sanguinea</i>	Dogwood			O	R	<i>Athyrium filix-femina</i>	Lady fern			
<i>Corylus avellana</i>	Hazel					<i>Brachypodium sylvaticum</i>	Wood false-brome			
<i>Crataegus laevigata</i>	Midland hawthorn					<i>Bromus ramosus</i>	Hairy brome			
<i>Crataegus monogyna</i>	Hawthorn	O			R	<i>Campanula trachelium</i>	Nettle-leaved bellflower			
<i>Daphne laureola</i>	Spurge-laurel					<i>Carex sylvatica</i>	Wood sedge			
<i>Daphne mezereum</i>	Daphne mezereon					<i>Circaea lutetiana</i>	Enchanters nightshade			
<i>Euonymus europaeus</i>	Spindle					<i>Conopodium majus</i>	Pignut			
<i>Fagus sylvatica</i>	Beech					<i>Dryopteris affinis</i>	Scaly male-fern			
<i>Frangula alnus</i>	Alder buckthorn					<i>Dryopteris carthusiana</i>	Narrow buckler fern			
<i>Fraxinus excelsior</i>	Ash			O	R	<i>Dryopteris dilatata</i>	Broad buckler-fern			
<i>Ilex aquifolium</i>	Holly					<i>Dryopteris filix-mas</i>	Male fern			
<i>Ligustrum vulgare</i>	Wild privet					<i>Epipactis helleborine</i>	Broad-leaved helleborine			
<i>Malus sylvestris</i>	Crab apple					<i>Equisetum sylvaticum</i>	Wood horsetail			
<i>Populus alba</i>	White poplar					<i>Euphorbia amygdaloides</i>	Wood spurge			
<i>Populus nigra ssp betulifolia</i>	Black poplar					<i>Festuca gigantea</i>	Giant fescue			
<i>Populus tremula</i>	Aspen					<i>Fragaria vesca</i>	Wild strawberry			
<i>Populus x canescens</i>	Grey poplar					<i>Galium odoratum</i>	Sweet woodruff			
<i>Prunus avium</i>	Wild cherry					<i>Geranium robertianum</i>	Herb Robert			
<i>Prunus spinosa</i>	Blackthorn			O	R	<i>Geum urbanum</i>	Wood anem			
<i>Pyrus cordata</i>	Plymouth pear					<i>Hyacinthoides non-scripta</i>	Bluebell			
<i>Pyrus pyrastier</i>	Wild pear					<i>Lamium galeobdolon</i>	Yellow archangel			
<i>Quercus robur</i>	Pedunculata oak					<i>Lathraea squamaria</i>	Toothwort			
<i>Rhamnus cathartica</i>	Buckthorn					<i>Luzula pilosa</i>	Hairy wood-rush			
<i>Ribes uva-crispa</i>	Gooseberry					<i>Melampyrum pratense</i>	Common cow-wheat			
<i>Rosa species</i>	Rose species	R			R	<i>Mercurialis perennis</i>	Dog's mercury			
<i>Salix species</i>	Willow species					<i>Milium effusum</i>	Wood millet			
<i>Salix viminalis</i>	Osier					<i>Orchis mascula</i>	Early purple orchid			
<i>Sambucus nigra</i>	Elder					<i>Oxalis acetosella</i>	Wood sorrel			
Sub-totals		3	1	3		<i>Paris quadrifolia</i>	Herb Paris			
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR		
<i>Sorbus aucuparia</i>	Rowan					<i>Phyllitis scolopendrium</i>	Hart's tongue			
<i>Sorbus species</i>	Whitebeam species					<i>Poa nemoralis</i>	Wood meadow-grass			
<i>Sorbus torminalis</i>	Wild service tree					<i>Polypodium vulgare</i>	Common polypody			
<i>Taxus baccata</i>	Yew					<i>Polystichum aculeatum</i>	Hard shield fern			
<i>Tilia platyphyllos</i>	Large-leaved lime					<i>Polystichum setiferum</i>	Soft shield fern			
<i>Ulex europaeus</i>	Gorse					<i>Potentilla sterilis</i>	Barren strawberry			
<i>Ulmus species</i>	Elm species	D	D	A	D	<i>Primula elatior</i>	Oxlip			
<i>Viburnum lantana</i>	Wayfaring-tree					<i>Primula vulgaris</i>	Primrose			
<i>Viburnum opulus</i>	Guedder rose					<i>Ranunculus auricomus</i>	Goldlocks buttercup			
						<i>Sanicula europaea</i>	Sanicle			
						<i>Teucrium scorodonia</i>	Wood sage			
						<i>Veronica montana</i>	Wood speedwell			
						<i>Viola odorata</i>	Sweet violet			
Total species for each 30m section		4	2	4		<i>Viola reichenbachiana</i>	Early dog violet			
Average per 30m section					3.33333333	<i>Viola riviniana</i>	Common dog violet			
HEDGEROW ASSESSMENT										
Hedgerow features (taken from Hedgerow Regulations 1997 Part 11 Paragraph 7(4) to (i)).										
(a) A bank or wall which supports the hedgerow along at least half of its length;								Absent		
(b) Gaps which aggregate do not exceed 10% of length of hedgerow;								Present		
(c) Where the length of the hedgerow does not exceed 50m, at least one standard tree; (standard tree >20cm DBH (or 63cm circ) and multitemmed is >15cm DBH (or 47cm circ).								Absent		
(d) Where the length of the hedgerow exceeds 50m but does not exceed 100m, at least 2 standard trees;								Absent		
(e) Where the length of the hedgerow exceeds 100m, such number of standard trees (within any part of its length) as would when averaged over its total length amount at least one for each 50m;								Absent		
(f) At least 3 woodland species (Schedule 2) within one metre, in any direction, of the outermost edges of the hedgerow;								Absent		
(g) A ditch along at least one half of the length of the hedgerow;								Absent		
(h) Connections scoring 4 points or more in accordance with sub-paragraph (5) ¹								Absent		
(i) A parallel hedge within 15m of the hedgerow.								Present		
Total number of features present								2		
Notable shrub or herb species that occur along the length of the entire hedge which are not listed in Schedule 2 or 3										
Hemlock, black bryony, common nettle, ivy, creeping thistle, false oat-grass, bush vetch, bramble.										
Total number of other hedgerows connecting to hedgerow that is subject of survey										
0										
Signs of use by notable fauna										
None observed										
Is the Hedgerow obviously less than 30 years in age?								No		
Does hedge currently support or have desk study records of spp protected in Schedules 1, 5 or 8 of the WtCA, or red data book species for 2007 to date.								No		
Does the hedge include at least 7 woody species (from Schedule 3)								No		
Does the hedge include at least 6 woody species (from Schedule 3) + 3 features listed overleaf?								No		
Does the hedge include at least 5 woody species (from Schedule 3), including native black poplar, small or large ivy lime or service tree?								No		
Does the hedge include at least 5 woody species (from Schedule 3) + 4 features listed overleaf?								No		
Hedge adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic + at least 4 woody species (from Schedule 3) + at least 2 of the features described in (a) to (g) above.								No		
Qualifies as 'IMPORTANT HEDGEROW'?								No		
Notes										
Western side not surveyed due to lack of land access. PHASE 1 HABITAT CODE: J.2.3.3 Intact species-poor hedgerow and trees.										
Are further surveys needed?								No		

HS1 HEDGEROW SURVEY									
Ecology ID ¹	Hedgerow 69			Land Parcel Reference		WS46097		Date	20/09/2017
Weather Conditions	cloudy			Surveyor(s)		Phil Newberry and Emma Taylor	Transect ID	F001	
Wind	1	Air Temperature (°C)	17		Cloud Cover	7	Rain	0	
Start	Easting (X)	356647			End	Easting (X)	356242		
	Northing (Y)	124901				Northing (Y)	124872		
Total length of hedge section (m)	390			Number of 30m sections to be assessed		3			
Height of hedge (m)	8			Width of hedge (m)		2			
Number and length of gaps in hedge (as an overall % of length)					Number of mature trees (>20cm DBH) in total length of hedge				
35					25				
Are there any ditches along the length of the hedge?	No		Orientation of ditch	N/A		Wet or dry Ditch	N/A		
List of Schedule 3 Species for hedgerow assessment within 30m sections.					Schedule 2 species, to be recorded along entire length of hedge (within 1m of outermost edges of the hedgerow)				
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR	
<i>Acer campestre</i>	Field maple	O			R	<i>Adoxa moschatellina</i>	Moschatel		
<i>Alnus glutinosa</i>	Alder					<i>Ajuga reptans</i>	Bugle		
<i>Betula pendula</i>	Silver birch					<i>Allium ursinum</i>	Ramsons		
<i>Betula pubescens</i>	Downy birch					<i>Anemone nemorosa</i>	Wood anemone		
<i>Carpinus betulus</i>	Hornbeam					<i>Arum maculatum</i>	Lords-and-ladies		
<i>Cornus sanguinea</i>	Dogwood	F			O	<i>Athyrium filix-femina</i>	Lady fern		
<i>Corylus avellana</i>	Hazel					<i>Brachypodium sylvaticum</i>	Wood false-brome	F	
<i>Crataegus laevigata</i>	Midland hawthorn					<i>Bromus ramosus</i>	Hairy brome		
<i>Crataegus monogyna</i>	Hawthorn	O			R	<i>Campanula trachelium</i>	Nettle-leaved bellflower		
<i>Daphne laureola</i>	Spurge-laurel					<i>Carex sylvatica</i>	Wood sedge		
<i>Daphne mezereum</i>	Daphne mezereon					<i>Circaea lutetiana</i>	Enchanters nightshade		
<i>Euonymus europaeus</i>	Spindle					<i>Conopodium majus</i>	Pignut		
<i>Fagus sylvatica</i>	Beech					<i>Dryopteris affinis</i>	Scaly male-fern		
<i>Frangula alnus</i>	Alder buckthorn					<i>Dryopteris carthusiana</i>	Narrow buckler fern		
<i>Fraxinus excelsior</i>	Ash	R			R	<i>Dryopteris dilatata</i>	Broad buckler-fern		
<i>Ilex aquifolium</i>	Holly					<i>Dryopteris filix-mas</i>	Male fern		
<i>Ligustrum vulgare</i>	Wild privet					<i>Epipactis helleborine</i>	Broad-leaved helleborine		
<i>Malus sylvestris</i>	Crab apple					<i>Equisetum sylvaticum</i>	Wood horsetail		
<i>Populus alba</i>	White poplar					<i>Euphorbia amygdaloides</i>	Wood spurge		
<i>Populus nigra ssp betulifolia</i>	Black poplar					<i>Festuca gigantea</i>	Giant fescue		
<i>Populus tremula</i>	Aspen					<i>Fragaria vesca</i>	Wild strawberry		
<i>Populus x canescens</i>	Grey poplar					<i>Galium odoratum</i>	Sweet woodruff		
<i>Prunus avium</i>	Wild cherry					<i>Geranium robertianum</i>	Herb Robert		
<i>Prunus spinosa</i>	Blackthorn	F			O	<i>Geum urbanum</i>	Wood avens		
<i>Pyrus cordata</i>	Plymouth pear					<i>Hyacinthoides non-scripta</i>	Bluebell		
<i>Pyrus pyrastrer</i>	Wild pear					<i>Lamium galeobdolon</i>	Yellow archangel		
<i>Quercus robur</i>	Pedunculata oak					<i>Lathraea squamaria</i>	Toothwort		
<i>Rhamnus cathartica</i>	Buckthorn					<i>Luzula plosa</i>	Hairy wood-rush		
<i>Ribes uva-crispa</i>	Gooseberry					<i>Melampyrum pratense</i>	Common cow-wheat		
<i>Rosa species</i>	Rose species	R			R	<i>Mercurialis perennis</i>	Dog's mercury		
<i>Salix species</i>	Willow species					<i>Milium effusum</i>	Wood millet		
<i>Salix viminalis</i>	Osier					<i>Orchis mascula</i>	Early purple orchid		
<i>Sambucus nigra</i>	Elder					<i>Oxalis acetosella</i>	Wood sorrel		
Sub-totals		6	0	0		<i>Paris quadrifolia</i>	Herb Paris		
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR	
<i>Sorbus aucuparia</i>	Rowan					<i>Phyllitis scolopendrium</i>	Hart's tongue		
<i>Sorbus species</i>	Whitebeam species					<i>Poa nemoralis</i>	Wood meadow-grass		
<i>Sorbus torminalis</i>	Wild service tree					<i>Polypodium vulgare</i>	Common polypody		
<i>Taxus baccata</i>	Yew					<i>Polystichum aculeatum</i>	Hard shield fern		
<i>Tilia platyphyllos</i>	Large-leaved lime					<i>Polystichum setiferum</i>	Soft shield fern		
<i>Ulex europaeus</i>	Gorse					<i>Potentilla sterilis</i>	Barren strawberry		
<i>Ulmus species</i>	Elm species	F	A		O	<i>Primula elatior</i>	Oxlip		
<i>Viburnum lantana</i>	Wayfaring-tree					<i>Primula vulgaris</i>	Primrose		
<i>Viburnum opulus</i>	Gelder rose					<i>Ranunculus auricomus</i>	Goldlocks buttercup		
						<i>Sanicula europaea</i>	Sanicle		
						<i>Teucrium scorodonia</i>	Wood sage		
						<i>Veronica montana</i>	Wood speedwell		
						<i>Viola odorata</i>	Sweet violet		
						<i>Viola reichenbachiana</i>	Early dog violet		
						<i>Viola riviniana</i>	Common dog violet		
Total species for each 30m section		7	1	0					
Average per 30m section					2.66666667				
HEDGEROW ASSESSMENT									
Hedgerow features (taken from Hedgerow Regulations 1997 Part 11 Paragraph 7(4) to (i)).									
(a) A bank or wall which supports the hedgerow along at least half of its length;								Absent	
(b) Gaps which aggregate do not exceed 10% of length of hedgerow;								Absent	
(c) Where the length of the hedgerow does not exceed 50m, at least one standard tree; (standard tree >20cm DBH (or 63cm circ) and multistemmed is >15cm DBH (or 47cm circ).								Absent	
(d) Where the length of the hedgerow exceeds 50m but does not exceed 100m, at least 2 standard trees;								Absent	
(e) Where the length of the hedgerow exceeds 100m, such number of standard trees (within any part of its length) as would when averaged over its total length amount at least one for each 50m;								Present	
(f) At least 3 woodland species (Schedule 2) within one metre, in any direction, of the outermost edges of the hedgerow;								Absent	
(g) A ditch along at least one half of the length of the hedgerow;								Absent	
(h) Connections scoring 4 points or more in accordance with sub-paragraph (5) ²								Absent	
(i) A parallel hedge within 15m of the hedgerow.								Present	
Total number of features present								2	
Notable shrub or herb species that occur along the length of the entire hedge which are not listed in Schedule 2 or 3									
Common nettle, false oat-grass, bramble, smooth sow thistle, false oat-grass, dandelion, white comfrey, hemlock, red fescue, creeping cinquefoil, green alkanet, ivy, sycamore.									
Total number of other hedgerows connecting to hedgerow that is subject of survey									
1									
Signs of use by notable fauna									
None observed									
Is the Hedgerow obviously less than 30 years in age?								No	
Does hedge currently support or have desk study records of spp protected in Schedules 1, 5 or 8 of the WaCA, or red data book species for 2007 to date.								No	
Does the hedge include at least 7 woody species (from Schedule 3)								No	
Does the hedge include at least 6 woody species (from Schedule 3) + 3 features listed overleaf?								No	
Does the hedge include at least 6 woody species (from Schedule 3), including native black poplar, small or large hrd lime or service tree?								No	
Does the hedge include at least 5 woody species (from Schedule 3) + four features listed overleaf?								No	
Hedge adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic + at least 4 woody species (from Schedule 3) + at least 2 of the features described in (a) to (g) above.								No	
Qualifies as 'IMPORTANT HEDGEROW'?								No	
Notes									
Gappy and unmanaged hedgerow with overgrown and encroaching bramble scrub in places. Southern side of hedge not surveyed due to narrowness of A303 road verge. PHASE 1 HABITAT CODE: J2.3.1. Intact hedgerow and trees.									
Are further surveys needed?								No	

HS1 HEDGEROW SURVEY										
Ecology ID ¹	Hedgerow 70			Land Parcel Reference		ST104402		Date	29/09/2017	
Weather Conditions	sunny			Surveyor(s)		Phil Newberry and Dave Locke		Transect ID	F001	
Wind	2	Air Temperature (°C)	16		Cloud Cover	4		Rain	0	
Start	Easting (X)		356559		End	Easting (X)		356209		
	Northing (Y)		124788			Northing (Y)		124631		
Total length of hedge section (m)	395			Number of 30m sections to be assessed		3				
Height of hedge (m)	3			Width of hedge (m)		1				
Number and length of gaps in hedge (as an overall % of length)					Number of mature trees (>20cm DBH) in total length of hedge					
8					1					
Are there any ditches along the length of the hedge?	No		Orientation of ditch	N/A		Wet or dry Ditch	N/A			
List of Schedule 3 Species for hedgerow assessment within 30m sections.					Schedule 2 species, to be recorded along entire length of hedge (within 1m of outermost edges of the hedgerow)					
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR		
<i>Acer campestre</i>	Field maple	O			R	<i>Adoxa moschatellina</i>	Moschatel			
<i>Alnus glutinosa</i>	Alder					<i>Ajuga reptans</i>	Bugle			
<i>Betula pendula</i>	Silver birch					<i>Allium ursinum</i>	Ramsons			
<i>Betula pubescens</i>	Downy birch					<i>Anemone nemorosa</i>	Wood anemone			
<i>Carpinus betulus</i>	Hornbeam					<i>Anemone pulsatilla</i>	Lords-and-ladies			
<i>Cornus sanguinea</i>	Dogwood	F			O	<i>Athyrium filix-femina</i>	Lady fern			
<i>Corylus avellana</i>	Hazel					<i>Brachypodium sylvaticum</i>	Wood false-brome			
<i>Crataegus laevigata</i>	Midland hawthorn					<i>Bromus ramosus</i>	Hairy brome			
<i>Crataegus monogyna</i>	Hawthorn	R	F		R	<i>Campanula trachelium</i>	Nettle-leaved bellflower			
<i>Daphne laureola</i>	Spurge-laurel					<i>Carex sylvatica</i>	Wood sedge			
<i>Daphne mezereum</i>	Daphne mezereum					<i>Circaea lutetiana</i>	Enchanters nightshade			
<i>Euonymus europaeus</i>	Spindle					<i>Conopodium majus</i>	Pignut			
<i>Fagus sylvatica</i>	Beech					<i>Dryopteris affinis</i>	Scaly male-fern			
<i>Frangula alnus</i>	Alder buckthorn					<i>Dryopteris carthusiana</i>	Narrow buckler fern			
<i>Fraxinus excelsior</i>	Ash	O	O		O	<i>Dryopteris dilatata</i>	Broad buckler-fern			
<i>Ilex aquifolium</i>	Holly					<i>Dryopteris filix-mas</i>	Male fern			
<i>Ligustrum vulgare</i>	Wild privet	F			O	<i>Epipactis helleborine</i>	Broad-leaved helleborine			
<i>Malus sylvestris</i>	Crab apple					<i>Equisetum sylvaticum</i>	Wood horsetail			
<i>Populus alba</i>	White poplar					<i>Euphorbia amygdaloides</i>	Wood spurge			
<i>Populus nigra ssp betulifolia</i>	Black poplar					<i>Festuca gigantea</i>	Giant fescue			
<i>Populus tremula</i>	Aspen					<i>Fragaria vesca</i>	Wild strawberry			
<i>Populus x canescens</i>	Grey poplar					<i>Galium odoratum</i>	Sweet woodruff			
<i>Prunus avium</i>	Wild cherry					<i>Geranium robertianum</i>	Herb Robert			
<i>Prunus spinosa</i>	Blackthorn	F	F		O	<i>Geum urbanum</i>	Wood avens			
<i>Pyrus cordata</i>	Plymouth pear					<i>Hyacinthoides non-scripta</i>	Bluebell			
<i>Pyrus pyrastr</i>	Wild pear					<i>Lamium galieobdolon</i>	Yellow archangel			
<i>Quercus robur</i>	Pedunculata oak					<i>Lathraea squamaria</i>	Toothwort			
<i>Rhamnus cathartica</i>	Buckthorn					<i>Luzula pilosa</i>	Hairy wood-rush			
<i>Ribes uva-crispa</i>	Gooseberry					<i>Melantherum pratense</i>	Common cow-wheat			
<i>Rosa species</i>	Rose species					<i>Mercurialis perennis</i>	Dog's mercury			
<i>Salix species</i>	Willow species					<i>Milium effusum</i>	Wood millet			
<i>Salix viminalis</i>	Osier					<i>Orchis mascula</i>	Early purple orchid			
<i>Sambucus nigra</i>	Elder					<i>Oxalis acetosella</i>	Wood sorrel			
	Sub-totals	6	3		1	<i>Paris quadrifolia</i>	Herb Paris			
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR		
<i>Sorbus aucuparia</i>	Rowan					<i>Phyllitis scolopendrium</i>	Hart's tongue			
<i>Sorbus species</i>	Whitebeam species					<i>Poa nemoralis</i>	Wood meadow-grass			
<i>Sorbus torminalis</i>	Wild service tree					<i>Polypodium vulgare</i>	Common polypody			
<i>Taxus baccata</i>	Yew					<i>Polystichum aculeatum</i>	Hard shield fern			
<i>Tilia platyphyllos</i>	Large-leaved lime					<i>Polystichum setiferum</i>	Soft shield fern			
<i>Ulex europaeus</i>	Gorse					<i>Potentilla sterilis</i>	Barren strawberry			
<i>Ulmus species</i>	Elm species		F	D	A	<i>Primula elatior</i>	Oxlip			
<i>Viburnum lantana</i>	Wayfaring-tree		R		R	<i>Primula vulgaris</i>	Primrose			
<i>Viburnum opulus</i>	Guelder rose					<i>Ranunculus auricomus</i>	Goldlocks buttercup			
						<i>Sanicula europaea</i>	Sanicle			
						<i>Teucrium scorodonia</i>	Wood sage			
						<i>Veronica montana</i>	Wood speedwell			
						<i>Viola odorata</i>	Sweet violet			
						<i>Viola reichenbachiana</i>	Early dog violet			
						<i>Viola riviniana</i>	Common dog violet			
Total species for each 30m section		6	5	2						
Average per 30m section					4.333333333					
HEDGEROW ASSESSMENT										
Hedgerow features (taken from Hedgerow Regulations 1997 Part 11 Paragraph 7(4) to (i)).										
(a) A bank or wall which supports the hedgerow along at least half of its length;										Absent
(b) Gaps which aggregate do not exceed 10% of length of hedgerow;										Present
(c) Where the length of the hedgerow does not exceed 50m, at least one standard tree; (standard tree >20cm DBH (or 63cm circ) and multistemmed is >15cm DBH (or 47cm circ).										Absent
(d) Where the length of the hedgerow exceeds 50m but does not exceed 100m, at least 2 standard trees;										Absent
(e) Where the length of the hedgerow exceeds 100m, such number of standard trees (within any part of its length) as would when averaged over its total length amount at least one for each 50m;										Absent
(f) At least 3 woodland species (Schedule 2) within one metre, in any direction, of the outermost edges of the hedgerow;										Absent
(g) A ditch along at least one half of the length of the hedgerow;										Absent
(h) Connections scoring 4 points or more in accordance with sub-paragraph (5) ¹										Absent
(i) A parallel hedge within 15m of the hedgerow.										Present
Total number of features present										2
Notable shrub or herb species that occur along the length of the entire hedge which are not listed in Schedule 2 or 3										
ivy, nettle, white dead-nettle, red fescue, cow parsley, yarrow, false oat-grass, hogweed, ground-ivy, white comfrey, cleavers, black bryony.										
Total number of other hedgerows connecting to hedgerow that is subject of survey										
0										
Signs of use by notable fauna										
None observed										
Is the Hedgerow obviously less than 30 years in age?										No
Does hedge currently support or have desk study records of spp protected in Schedules 1, 5 or 6 of the WACA, or red data book species for 2007 to date.										No
Does the hedge include at least 7 woody species (from Schedule 3)										No
Does the hedge include at least 6 woody species (from Schedule 3) + 3 features listed overleaf?										No
Does the hedge include at least 6 woody species (from Schedule 3), including native black poplar, small or large lrd lime or service tree?										No
Does the hedge include at least 5 woody species (from Schedule 3) + 4 features listed overleaf?										No
Hedge adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic + at least 4 woody species (from Schedule 3) + at least 2 of the features described in (a) to (g) above.										Yes
Qualifies as 'IMPORTANT HEDGEROW'?										Yes
Notes										
PHASE 1 HABITAT CODE: J2.3.1 Intact species-rich hedgerow and trees.										
Are further surveys needed?										No

HS1 HEDGEROW SURVEY										
Ecology ID ¹	Hedgerow 71			Land Parcel Reference		WS-46097		Date	29/09/2017	
Weather Conditions	sunny			Surveyor(s)		Phil Newberry and Dave Locke		Transect ID	F001	
Wind	2	Air Temperature (°C)	16		Cloud Cover	4		Rain	0	
Start	Easting (X)	356571			End	Easting (X)	355784			
	Northing (Y)	124812				Northing (Y)	124437			
Total length of hedge section (m)	865			Number of 30m sections to be assessed			3			
Height of hedge (m)	3			Width of hedge (m)			1			
Number and length of gaps in hedge (as an overall % of length)					Number of mature trees (>20cm DBH) in total length of hedge					
1					25					
Are there any ditches along the length of the hedge?	No		Orientation of ditch	N/A		Wet or dry Ditch	N/A			
List of Schedule 3 Species for hedgerow assessment within 30m sections.					Schedule 2 species, to be recorded along entire length of hedge (within 1m of outermost edges of the hedgerow)					
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR		
<i>Acer campestre</i>	Field maple		O		R	<i>Adoxa moschatellina</i>	Moschatel			
<i>Alnus glutinosa</i>	Alder					<i>Ajuga reptans</i>	Bugle			
<i>Betula pendula</i>	Silver birch					<i>Allium ursinum</i>	Ramsons			
<i>Betula pubescens</i>	Downy birch					<i>Anemone nemorosa</i>	Wood anemone			
<i>Carpinus betulus</i>	Hornbeam					<i>Anum maculatum</i>	Lords-and-ladies			
<i>Cornus sanguinea</i>	Dogwood					<i>Athyrium filix-femina</i>	Lady fern			
<i>Corylus avellana</i>	Hazel			R	R	<i>Brachypodium sylvaticum</i>	Wood false-brome		O	
<i>Crataegus laevigata</i>	Midland hawthorn					<i>Bromus ramosus</i>	Hairy brome			
<i>Crataegus monogyna</i>	Hawthorn			R	R	<i>Campanula trachelium</i>	Nettle-leaved bellflower			
<i>Daphne laureola</i>	Spurge-laurel					<i>Carex sylvatica</i>	Wood sedge			
<i>Daphne mezereum</i>	Daphne mezereum					<i>Circaea lutetiana</i>	Enchanters nightshade			
<i>Euonymus europaeus</i>	Spindle					<i>Conopodium majus</i>	Pignut			
<i>Fagus sylvatica</i>	Beech					<i>Dryopteris affinis</i>	Scaly male-fern			
<i>Frangula alnus</i>	Alder buckthorn					<i>Dryopteris carthusiana</i>	Narrow buckler-fern			
<i>Fraxinus excelsior</i>	Ash	F	O		R	<i>Dryopteris dilatata</i>	Broad buckler-fern			
<i>Ilex aquifolium</i>	Holly					<i>Dryopteris filix-mas</i>	Male fern			
<i>Ligustrum vulgare</i>	Wild privet		F	F	O	<i>Epipactis helleborine</i>	Broad-leaved helleborine			
<i>Malus sylvestris</i>	Crab apple					<i>Equisetum sylvaticum</i>	Wood horsetail			
<i>Populus alba</i>	White poplar					<i>Euphorbia amygdaloides</i>	Wood spurge			
<i>Populus nigra ssp betulifolia</i>	Black poplar					<i>Festuca gigantea</i>	Giant fescue			
<i>Populus tremula</i>	Aspen					<i>Fragaria vesca</i>	Wild strawberry			
<i>Populus x canescens</i>	Grey poplar					<i>Gallium odoratum</i>	Sweet woodruff			
<i>Prunus avium</i>	Wild cherry					<i>Geranium robertianum</i>	Herb Robert			
<i>Prunus spinosa</i>	Blackthorn	A	R	F	F	<i>Geum urbanum</i>	Wood aven			
<i>Pyrus cordata</i>	Plymouth pear					<i>Hyacinthoides non-scripta</i>	Bluebell			
<i>Pyrus pyrastrer</i>	Wild pear					<i>Lamiumstrum galeobdolon</i>	Yellow archangel			
<i>Quercus robur</i>	Pedunculata oak	R			R	<i>Lathraea squamaria</i>	Toothwort			
<i>Rhamnus cathartica</i>	Buckthorn					<i>Luzula pilosa</i>	Hairy wood-rush			
<i>Ribes uva-crispa</i>	Gooseberry					<i>Melampyrum pratense</i>	Common cow-wheat			
<i>Rosa species</i>	Rose species		O	R	R	<i>Mercurialis perennis</i>	Dog's mercury			
<i>Salix species</i>	Willow species					<i>Milium effusum</i>	Wood millet			
<i>Salix viminalis</i>	Osier					<i>Orchis mascula</i>	Early purple orchid			
<i>Sambucus nigra</i>	Elder					<i>Oxalis acetosella</i>	Wood sorrel			
	Sub-totals	3	5	5		<i>Paris quadrifolia</i>	Herb Paris			
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR		
<i>Sorbus aucuparia</i>	Rowan					<i>Phyllitis scolopendrium</i>	Hart's tongue			
<i>Sorbus species</i>	Whitebeam species					<i>Poa nemoralis</i>	Wood meadow-grass			
<i>Sorbus torminalis</i>	Wild service tree					<i>Polypodium vulgare</i>	Common polypody			
<i>Taxus baccata</i>	Yew					<i>Polystichum aculeatum</i>	Hard shield fern			
<i>Tilia platyphyllos</i>	Large-leaved lime					<i>Polystichum setiferum</i>	Soft shield fern			
<i>Ulex europaeus</i>	Gorse					<i>Potentilla sterilis</i>	Barren strawberry			
<i>Ulmus species</i>	Elm species		A	A	F	<i>Primula elatior</i>	Oxlip			
<i>Viburnum lantana</i>	Wayfaring-tree					<i>Primula vulgaris</i>	Primrose			
<i>Viburnum opulus</i>	Guelder rose					<i>Ranunculus auricomus</i>	Goldlocks buttercup			
						<i>Sanicula europaea</i>	Sanicle			
						<i>Teucrium scorodonia</i>	Wood sage			
						<i>Veronica montana</i>	Wood speedwell			
						<i>Viola odorata</i>	Sweet violet			
						<i>Viola reichenbachiana</i>	Early dog violet			
						<i>Viola riviniana</i>	Common dog violet			
	Total species for each 30m section	3	6	6						
	Average per 30m section				5					
HEDGEROW ASSESSMENT										
Hedgerow features (taken from Hedgerow Regulations 1997 Part 11 Paragraph 7(4) to (i)).										
(a) A bank or wall which supports the hedgerow along at least half of its length;										Absent
(b) Gaps which aggregate do not exceed 10% of length of hedgerow;										Present
(c) Where the length of the hedgerow does not exceed 50m, at least one standard tree; (standard tree >20cm DBH (or 63cm circ) and multitemmed is >15cm DBH (or 47cm circ).										Absent
(d) Where the length of the hedgerow exceeds 50m but does not exceed 100m, at least 2 standard trees;										Absent
(e) Where the length of the hedgerow exceeds 100m, such number of standard trees (within any part of its length) as would when averaged over its total length amount at least one for each 50m.										Present
(f) At least 3 woodland species (Schedule 2) within one metre, in any direction, of the outermost edges of the hedgerow;										Absent
(g) A ditch along at least one half of the length of the hedgerow;										Absent
(h) Connections scoring 4 points or more in accordance with sub-paragraph (5) ¹										Absent
(i) A parallel hedge within 15m of the hedgerow.										Present
Total number of features present										3
Notable shrub or herb species that occur along the length of the entire hedge which are not listed in Schedule 2 or 3										
Common nettle, meadowsweet, creeping thistle, sycamore, yarrow, false oat-grass, white dead-nettle, common mallow.										
Total number of other hedgerows connecting to hedgerow that is subject of survey										
0										
Signs of use by notable fauna										
None observed										
Is the Hedgerow obviously less than 30 years in age?										No
Does hedge currently support or have desk study records of spp protected in Schedules 1, 5 or 8 of the WaCA, or red data book species for 2007 to date.										No
Does the hedge include at least 7 woody species (from Schedule 3)										No
Does the hedge include at least 6 woody species (from Schedule 3) + 3 features listed overleaf?										No
Does the hedge include at least 6 woody species (from Schedule 3), including native black poplar, small or large lwd lime or service tree?										No
Does the hedge include at least 5 woody species (from Schedule 3) + four features listed overleaf?										No
Hedge adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic + at least 4 woody species (from Schedule 3) + at least 2 of the features described in (a) to (g) above.										Yes
Qualifies as 'IMPORTANT HEDGEROW'?										Yes
Notes										
PHASE 1 HABITAT CODE: J.2.3.1 Intact species-rich hedge and trees.										
Are further surveys needed?										No

HS1 HEDGEROW SURVEY									
Ecology ID ¹	Hedgerow 72			Land Parcel Reference		WS48097		Date	29/09/2017
Weather Conditions	sunny			Surveyor(s)		Phil Newbery and Dave Locke	Transect ID	F001	
Wind	2	Air Temperature (°C)	16		Cloud Cover	4	Rain	0	
Start	Easting (X)	356567			End	Easting (X)	355900		
	Northing (Y)	124820				Northing (Y)	124925		
Total length of hedge section (m)	1300			Number of 30m sections to be assessed			3		
Height of hedge (m)	10			Width of hedge (m)			4		
Number and length of gaps in hedge (as an overall % of length)					Number of mature trees (>20cm DBH) in total length of hedge				
0					14				
Are there any ditches along the length of the hedge?	No	Orientation of ditch	N/A		Wet or dry Ditch	N/A			
List of Schedule 3 Species for hedgerow assessment within 30m sections.					Schedule 2 species, to be recorded along entire length of hedge (within 1m of outermost edges of the hedgerow)				
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR	
<i>Acer campestre</i>	Field maple		O		R	<i>Adoxa moschatellina</i>	Moschatel		
<i>Alnus glutinosa</i>	Alder					<i>Ajuga reptans</i>	Bugle		
<i>Betula pendula</i>	Silver birch					<i>Allium ursinum</i>	Ramsoms		
<i>Betula pubescens</i>	Downy birch					<i>Anemone nemorosa</i>	Wood anemone		
<i>Carpinus betulus</i>	Hornbeam					<i>Arum maculatum</i>	Lords-and-ladies		
<i>Cornus sanguinea</i>	Dogwood	O	A		F	<i>Athyrium filix-femina</i>	Lady fern		
<i>Corylus avellana</i>	Hazel					<i>Brachypodium sylvaticum</i>	Wood false-brome	R	
<i>Crataegus laevigata</i>	Midland hawthorn					<i>Bromus ramosus</i>	Hairy brome		
<i>Crataegus monogyna</i>	Hawthorn		O	O	O	<i>Campanula trachelium</i>	Nettle-leaved bellflower		
<i>Daphne laureola</i>	Spurge-laurel					<i>Carex sylvatica</i>	Wood sedge		
<i>Daphne mezereum</i>	Daphne mezereon					<i>Circaea lutetiana</i>	Enchanters nightshade		
<i>Euonymus europaeus</i>	Spindle					<i>Conopodium majus</i>	Pignut		
<i>Fagus sylvatica</i>	Beech					<i>Dryopteris affinis</i>	Scaly male-fern		
<i>Frangula alnus</i>	Alder buckthorn					<i>Dryopteris carthusiana</i>	Narrow buckler fern		
<i>Fraxinus excelsior</i>	Ash	O	O	O	O	<i>Dryopteris dilatata</i>	Broad buckler-fern		
<i>Ilex aquifolium</i>	Holly					<i>Dryopteris filix-mas</i>	Male fern		
<i>Ligustrum vulgare</i>	Wild privet		R	R	R	<i>Epipactis helleborine</i>	Broad-leaved helleborine		
<i>Malus sylvestris</i>	Crab apple					<i>Equisetum sylvaticum</i>	Wood horsetail		
<i>Populus alba</i>	White poplar					<i>Euphorbia amygdaloides</i>	Wood spurge		
<i>Populus nigra ssp betulifolia</i>	Black poplar					<i>Festuca gigantea</i>	Giant fescue		
<i>Populus tremula</i>	Aspen					<i>Fragaria vesca</i>	Wild strawberry		
<i>Populus x canescens</i>	Grey poplar					<i>Galium odoratum</i>	Sweet woodruff		
<i>Prunus avium</i>	Wild cherry					<i>Geranium robertianum</i>	Herb Robert		
<i>Prunus spinosa</i>	Blackthorn	F	O	O	O	<i>Geum urbanum</i>	Wood aven		
<i>Pyrus cordata</i>	Plymouth pear					<i>Hyacinthoides non-scripta</i>	Bluebell		
<i>Pyrus pyrastier</i>	Wild pear					<i>Lamium galeobdolon</i>	Yellow archangel		
<i>Quercus robur</i>	Pedunculata oak					<i>Lathraea squamaria</i>	Toothwort		
<i>Rhamnus cathartica</i>	Buckthorn					<i>Luzula pilosa</i>	Hairy wood-rush		
<i>Ribes uva-crispa</i>	Gooseberry					<i>Melampyrum pratense</i>	Common cow-wheat		
<i>Rosa species</i>	Rose species					<i>Mercurialis perennis</i>	Dog's mercury		
<i>Salix species</i>	Willow species					<i>Milium effusum</i>	Wood millet		
<i>Salix viminalis</i>	Osier					<i>Orchis mascula</i>	Early purple orchid		
<i>Sambucus nigra</i>	Elder					<i>Oxalis acetosella</i>	Wood sorrel		
Sub-totals		3	6	4		<i>Paris quadrifolia</i>	Herb Paris		
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR	
<i>Sorbus aucuparia</i>	Rowan					<i>Phyllitis scolopendrium</i>	Hart's tongue		
<i>Sorbus species</i>	Whitebeam species					<i>Poa nemoralis</i>	Wood meadow-grass		
<i>Sorbus torminalis</i>	Wild service tree					<i>Polypodium vulgare</i>	Common polypody		
<i>Taxus baccata</i>	Yew					<i>Polystichum aculeatum</i>	Hard shield fern		
<i>Tilia platyphyllos</i>	Large-leaved lime					<i>Polystichum setiferum</i>	Soft shield fern		
<i>Ulex europaeus</i>	Gorse					<i>Potentilla sterilis</i>	Barren strawberry		
<i>Ulmus species</i>	Elm species	A	O	O	O	<i>Primula elatior</i>	Oxlip		
<i>Viburnum lantana</i>	Wayfaring-tree					<i>Primula vulgaris</i>	Primrose		
<i>Viburnum opulus</i>	Guellder rose					<i>Ranunculus auricomus</i>	Goldlocks buttercup		
						<i>Sanicula europaea</i>	Sanicle		
						<i>Teucrium scorodonia</i>	Wood sage		
						<i>Veronica montana</i>	Wood speedwell		
						<i>Viola odorata</i>	Sweet violet		
						<i>Viola reichenbachiana</i>	Early dog violet		
						<i>Viola riviniana</i>	Common dog violet		
Total species for each 30m section		4	7	5					
Average per 30m section					5.33333333				
HEDGEROW ASSESSMENT									
Hedgerow features (taken from Hedgerow Regulations 1997 Part 11 Paragraph 7(4) to (i)).									
(a) A bank or wall which supports the hedgerow along at least half of its length;								Absent	
(b) Gaps which aggregate do not exceed 10% of length of hedgerow;								Present	
(c) Where the length of the hedgerow does not exceed 50m, at least one standard tree; (standard tree >20cm DBH (or 63cm circ) and multitemmed is >15cm DBH (or 47cm circ).								Absent	
(d) Where the length of the hedgerow exceeds 50m but does not exceed 100m, at least 2 standard trees;								Absent	
(e) Where the length of the hedgerow exceeds 100m, such number of standard trees (within any part of its length) as would when averaged over its total length amount at least one for each 50m;								Absent	
(f) At least 3 woodland species (Schedule 2) within one metre, in any direction, of the outermost edges of the hedgerow;								Absent	
(g) A ditch along at least one half of the length of the hedgerow;								Absent	
(h) Connections scoring 4 points or more in accordance with sub-paragraph (5) ¹								Absent	
(i) A parallel hedge within 15m of the hedgerow.								Present	
Total number of features present								2	
Notable shrub or herb species that occur along the length of the entire hedge which are not listed in Schedule 2 or 3									
bristly ox-tongue, wild teasel, hemlock, ground-ivy, black bryony, lesser burdock, white dead-nettle, smooth sow-thistle, bramble.									
Total number of other hedgerows connecting to hedgerow that is subject of survey									
0									
Signs of use by notable fauna									
None observed									
Is the Hedgerow obviously less than 30 years in age?								No	
Does hedge currently support or have desk study records of spp protected in Schedules 1, 5 or 8 of the WAcA, or red data book species for 2007 to date.								No	
Does the hedge include at least 7 woody species (from Schedule 3)								No	
Does the hedge include at least 6 woody species (from Schedule 3) + 3 features listed overleaf?								No	
Does the hedge include at least 5 woody species (from Schedule 3), including native black poplar, small or large ld lime or service tree?								No	
Does the hedge include at least 5 woody species (from Schedule 3) + four features listed overleaf?								No	
Hedge adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic + at least 4 woody species (from Schedule 3) + at least 2 of the features described in (a) to (g) above.								Yes	
Qualifies as 'IMPORTANT HEDGEROW'?								Yes	
Notes									
PHASE 1 HABITAT CODE: J.2.3.1 Intact species-rich hedgerow and trees.									
Are further surveys needed?								No	

HS1 HEDGEROW SURVEY									
Ecology ID	Hedgerow 73			Land Parcel Reference		ws46090		Date	22/11/2017
Weather Conditions		dry and cloudy			Surveyor(s)		AM & ET	Transect ID	
Wind	6	Air Temperature (°C)	15		Cloud Cover	8	Rain	0	
Start	Easting (X)	355519			End	Easting (X)	355885		
	Northing (Y)	124977				Northing (Y)	124926		
Total length of hedge section (m)		220			Number of 30m sections to be assessed		3		
Height of hedge (m)		6			Width of hedge (m)		2.5		
Number and length of gaps in hedge (as an overall % of length)					Number of mature trees (>20cm DBH) in total length of hedge				
4					12				
Are there any ditches along the length of the hedge?		Yes	Orientation of ditch		W	Wet or dry Ditch		N/A	
List of Schedule 3 Species for hedgerow assessment within 30m sections.					Schedule 2 species, to be recorded along entire length of hedge (within 1m of outermost edges of the hedgerow)				
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR	
<i>Acer campestre</i>	Field maple	F	O			<i>Adoxa moschatellina</i>	Moschatel		
<i>Alnus glutinosa</i>	Alder					<i>Ajuga reptans</i>	Bugle		
<i>Betula pendula</i>	Silver birch					<i>Allium ursinum</i>	Ramsons		
<i>Betula pubescens</i>	Downy birch					<i>Anemone nemorosa</i>	Wood anemone		
<i>Carpinus betulus</i>	Hornbeam					<i>Anum maculatum</i>	Lords-and-ladies		
<i>Corylus avellana</i>	Hazel			R		<i>Athyrium filix-femina</i>	Lady fern		
<i>Corylus avellana</i>	Hazel					<i>Brachypodium sylvaticum</i>	Wood false-brome		
<i>Crataegus laevigata</i>	Midland hawthorn					<i>Bromus ramosus</i>	Hairy brome		
<i>Crataegus monogyna</i>	Hawthorn	R	R	R		<i>Campanula trachelium</i>	Nettle-leaved bellflower		
<i>Daphne laureola</i>	Spurge-laurel					<i>Carex sylvatica</i>	Wood sedge		
<i>Daphne mezereum</i>	Daphne mezereon					<i>Circaea lutetiana</i>	Enchanters nightshade		
<i>Euonymus europaeus</i>	Spindle					<i>Conopodium majus</i>	Pignut		
<i>Fagus sylvatica</i>	Beech					<i>Dryopteris affinis</i>	Scaly male-fern		
<i>Frangula alnus</i>	Alder buckthorn					<i>Dryopteris carthusiana</i>	Narrow buckler fern		
<i>Fraxinus excelsior</i>	Ash	R		R		<i>Dryopteris dilatata</i>	Broad buckler-fern		
<i>Ilex aquifolium</i>	Holly					<i>Dryopteris filix-mas</i>	Male fern		
<i>Ligustrum vulgare</i>	Wild privet	R	R	O		<i>Epipactis helleborine</i>	Broad-leaved helleborine		
<i>Malus sylvestris</i>	Crab apple					<i>Equisetum sylvaticum</i>	Wood horsetail		
<i>Populus alba</i>	White poplar					<i>Euphorbia amygdaloides</i>	Wood spurge		
<i>Populus nigra ssp betulifolia</i>	Black poplar					<i>Festuca gigantea</i>	Giant fescue		
<i>Populus tremula</i>	Aspen					<i>Fragaria vesca</i>	Wild strawberry		
<i>Populus x canescens</i>	Grey poplar					<i>Galium odoratum</i>	Sweet woodruff		
<i>Prunus avium</i>	Wild cherry					<i>Geranium robertianum</i>	Herb Robert		
<i>Prunus spinosa</i>	Blackthorn	R	R			<i>Geum urbanum</i>	Wood avens		
<i>Pyrus cordata</i>	Plymouth pear					<i>Hyacinthoides non-scripta</i>	Bluebell		
<i>Pyrus pyrastier</i>	Wild pear					<i>Lamium galeobdolon</i>	Yellow archangel		
<i>Quercus robur</i>	Pedunculata oak					<i>Lathraea squamaria</i>	Toothwort		
<i>Rhamnus cathartica</i>	Buckthorn					<i>Luzula pilosa</i>	Hairy wood-rush		
<i>Ribes uva-crispa</i>	Gooseberry					<i>Melampyrum pratense</i>	Common cow-wheat		
<i>Rosa species</i>	Rose species		R	O		<i>Mercurialis perennis</i>	Dog's mercury		
<i>Salix species</i>	Willow species					<i>Milium effusum</i>	Wood millet		
<i>Salix viminalis</i>	Osier					<i>Orchis mascula</i>	Early purple orchid		
<i>Sambucus nigra</i>	Elder					<i>Oxalis acetosella</i>	Wood sorrel		
	Sub-totals	5	5	5		<i>Paris quadrifolia</i>	Herb Paris		
Latin	English				General DAFOR	Latin	English	General DAFOR	
<i>Sorbus aucuparia</i>	Rowan					<i>Phyllitis scolopendrium</i>	Hart's tongue		
<i>Sorbus species</i>	Whitebeam species					<i>Poa nemoralis</i>	Wood meadow-grass		
<i>Sorbus torminalis</i>	Wild service tree					<i>Polypodium vulgare</i>	Common polypody		
<i>Taxus baccata</i>	Yew					<i>Polystichum aculeatum</i>	Hard shield fern		
<i>Tilia platyphyllos</i>	Large-leaved lime					<i>Polystichum setiferum</i>	Soft shield fern		
<i>Ulex europaeus</i>	Gorse					<i>Potentilla sterilis</i>	Barren strawberry		
<i>Ulmus species</i>	Elm species	R	O	F		<i>Primula elatior</i>	Oxlip		
<i>Viburnum lantana</i>	Wayfaring-tree					<i>Primula vulgaris</i>	Primrose		
<i>Viburnum opulus</i>	Gelder rose					<i>Ranunculus auricomus</i>	Goldlocks buttercup		
						<i>Sanicula europaea</i>	Sanicle		
						<i>Taenidium scorodonia</i>	Wood sage		
						<i>Veronica montana</i>	Wood speedwell		
						<i>Viola odorata</i>	Sweet violet		
						<i>Viola reichenbachiana</i>	Early dog violet		
						<i>Viola riviniana</i>	Common dog violet		
	Total species for each 30m section	6	6	6					
	Average per 30m section				6				
HEDGEROW ASSESSMENT									
Hedgerow features (taken from Hedgerow Regulations 1997 Part 11 Paragraph 7(4) to (j)).									
(a) A bank or wall which supports the hedgerow along at least half of its length;								Absent	
(b) Gaps which aggregate do not exceed 10% of length of hedgerow;								Absent	
(c) Where the length of the hedgerow does not exceed 50m, at least one standard tree; (standard tree >20cm DBH (or 63cm circ) and multistemmed is >15cm DBH (or 47cm circ).								Absent	
(d) Where the length of the hedgerow exceeds 50m but does not exceed 100m, at least 2 standard trees;								Absent	
(e) Where the length of the hedgerow exceeds 100m, such number of standard trees (within any part of its length) as would when averaged over its total length amount at least one for each 50m;								Absent	
(f) At least 3 woodland species (Schedule 2) within one metre, in any direction, of the outermost edges of the hedgerow;								Absent	
(g) A ditch along at least one half of the length of the hedgerow;								Absent	
(h) Connections scoring 4 points or more in accordance with sub-paragraph (5) ¹								Absent	
(i) A parallel hedge within 15m of the hedgerow.								Absent	
Total number of features present								Absent	
Notable shrub or herb species that occur along the length of the entire hedge which are not listed in Schedule 2 or 3									
None observed									
Total number of other hedgerows connecting to hedgerow that is subject of survey									
2									
Signs of use by notable fauna									
None observed									
Is the Hedgerow obviously less than 30 years in age?								No	
Does hedge currently support or have desk study records of spp protected in Schedules 1, 5 or 8 of the WACA, or red data book species for 2007 to date.								Unknown	
Does the hedge include at least 7 woody species (from Schedule 3)								Yes	
Does the hedge include at least 6 woody species (from Schedule 3) + 3 features listed overleaf?								No	
Does the hedge include at least 6 woody species (from Schedule 3), including native black poplar, small or large lvd lime or service tree?								No	
Does the hedge include at least 5 woody species (from Schedule 3) + four features listed overleaf?								No	
Hedge adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic + at least 4 woody species (from Schedule 3) + at least 2 of the features described in (a) to (g) above.								No	
Qualifies as 'IMPORTANT HEDGEROW'?								Yes	
n									
ly, cleavers, nettle, trasel, hamlock - hedgerow and trees (look up phase 1)									
Are further surveys needed?								No	

HS1 HEDGEROW SURVEY										
Ecology ID ¹	Hedgerow 75			Land Parcel Reference		WS61881, ST139074		Date	28/09/2017	
Weather Conditions	dry, sunny			Surveyor(s)		Phil Newberry, Dave Locke		Transect ID	F001	
Wind	2	Air Temperature (°C)	19		Cloud Cover	3		Rain	0	
Start	Easting (X)	355059			End	Easting (X)	355041			
	Northing (Y)	125082				Northing (Y)	125004			
Total length of hedge section (m)	83			Number of 30m sections to be assessed			1			
Height of hedge (m)	3			Width of hedge (m)			2			
Number and length of gaps in hedge (as an overall % of length)					Number of mature trees (>20cm DBH) in total length of hedge					
0					1					
Are there any ditches along the length of the hedge?	No		Orientation of ditch	N/A		Wet or dry Ditch	N/A			
List of Schedule 3 Species for hedgerow assessment within 30m sections.					Schedule 2 species, to be recorded along entire length of hedge (within 1m of outermost edges of the hedgerow)					
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR		
<i>Acer campestre</i>	Field maple	O			O	<i>Adoxa moschatellina</i>	Moschatel			
<i>Alnus glutinosa</i>	Alder					<i>Ajuga reptans</i>	Bugle			
<i>Betula pendula</i>	Silver birch					<i>Allium ursinum</i>	Ramsons			
<i>Betula pubescens</i>	Downy birch					<i>Anemone nemorosa</i>	Wood anemone			
<i>Carpinus betulus</i>	Hornbeam					<i>Arum maculatum</i>	Lords-and-ladies			
<i>Cornus sanguinea</i>	Dogwood	R			R	<i>Athyrium filix-femina</i>	Lady fern			
<i>Corylus avellana</i>	Hazel					<i>Brachypodium sylvaticum</i>	Wood false-brome		R	
<i>Crataegus laevigata</i>	Midland hawthorn					<i>Bromus ramosus</i>	Hairy brome			
<i>Crataegus monogyna</i>	Hawthorn	O			O	<i>Campanula trachelium</i>	Nettle-leaved bellflower			
<i>Daphne laureola</i>	Spurge-laurel					<i>Carex sylvatica</i>	Wood sedge			
<i>Daphne mezereum</i>	Daphne mezereum					<i>Circaea lutetiana</i>	Enchanters nightshade			
<i>Euonymus europaeus</i>	Spindle					<i>Conopodium majus</i>	Pignut			
<i>Fagus sylvatica</i>	Beech					<i>Dryopteris affinis</i>	Scaly male-fern			
<i>Frangula alnus</i>	Alder buckthorn					<i>Dryopteris carthusiana</i>	Narrow buckler-fern			
<i>Fraxinus excelsior</i>	Ash	F			F	<i>Dryopteris dilatata</i>	Broad buckler-fern			
<i>Ilex aquifolium</i>	Holly					<i>Dryopteris filix-mas</i>	Male fern			
<i>Ligustrum vulgare</i>	Wild privet					<i>Epipactis helleborine</i>	Broad-leaved helleborine			
<i>Malus sylvestris</i>	Crab apple					<i>Equisetum sylvaticum</i>	Wood horsetail			
<i>Populus alba</i>	White poplar					<i>Euphorbia amygdaloides</i>	Wood spurge			
<i>Populus nigra ssp betulifolia</i>	Black poplar					<i>Festuca gigantea</i>	Giant fescue			
<i>Populus tremula</i>	Aspen					<i>Fragaria vesca</i>	Wild strawberry			
<i>Populus x canescens</i>	Grey poplar					<i>Galium odoratum</i>	Sweet woodruff			
<i>Prunus avium</i>	Wild cherry					<i>Geranium robertianum</i>	Herb Robert			
<i>Prunus spinosa</i>	Blackthorn	O			O	<i>Geum urbanum</i>	Wood anem			
<i>Pyrus cordata</i>	Plymouth pear					<i>Hyacinthoides non-scripta</i>	Bluebell			
<i>Pyrus pyraeaster</i>	Wild pear					<i>Lamium strumarium</i>	Yellow archangel			
<i>Quercus robur</i>	Pedunculata oak					<i>Lathraea squamaria</i>	Toothwort			
<i>Rhamnus cathartica</i>	Buckthorn					<i>Luzula pilosa</i>	Hairy wood-rush			
<i>Ribes uva-crispa</i>	Gooseberry					<i>Melantherum pratense</i>	Common cow-wheat			
<i>Rosa species</i>	Rose species	R			R	<i>Mercurialis perennis</i>	Dog's mercury			
<i>Salix species</i>	Willow species					<i>Milium effusum</i>	Wood millet			
<i>Salix viminalis</i>	Osier					<i>Orchis mascula</i>	Early purple orchid			
<i>Sambucus nigra</i>	Elder					<i>Oxalis acetosella</i>	Wood sorrel			
	Sub-totals	6	0	0		<i>Paris quadrifolia</i>	Herb Paris			
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR		
<i>Sorbus aucuparia</i>	Rowan					<i>Phyllitis scolopendrium</i>	Hart's tongue			
<i>Sorbus species</i>	Whitebeam species					<i>Poa nemoralis</i>	Wood meadow-grass			
<i>Sorbus torminalis</i>	Wild service tree					<i>Polypodium vulgare</i>	Common polypody			
<i>Taxus baccata</i>	Yew					<i>Polystichum aculeatum</i>	Hard shield fern			
<i>Tilia platyphyllos</i>	Large-leaved lime					<i>Polystichum setiferum</i>	Soft shield fern			
<i>Ulex europaeus</i>	Gorse					<i>Potentilla sterilis</i>	Barren strawberry			
<i>Ulmus species</i>	Elm species	A			A	<i>Primula elatior</i>	Oxlip			
<i>Viburnum lantana</i>	Wayfaring-tree					<i>Primula vulgaris</i>	Primrose			
<i>Viburnum opulus</i>	Guelder rose					<i>Ranunculus auricomus</i>	Goldlocks buttercup			
						<i>Sanicula europaea</i>	Sanicle			
						<i>Teucrium scorodonia</i>	Wood sage			
						<i>Veronica montana</i>	Wood speedwell			
						<i>Viola odorata</i>	Sweet violet			
						<i>Viola reichenbachiana</i>	Early dog violet			
						<i>Viola riviniana</i>	Common dog violet			
	Total species for each 30m section	7	0	0						
	Average per 30m section				7					
HEDGEROW ASSESSMENT										
Hedgerow features (taken from Hedgerow Regulations 1997 Part 11 Paragraph 7(4) to (i)).										
(a) A bank or wall which supports the hedgerow along at least half of its length;										Absent
(b) Gaps which aggregate do not exceed 10% of length of hedgerow.										Present
(c) Where the length of the hedgerow does not exceed 50m, at least one standard tree; (standard tree >20cm DBH (or 63cm circ) and multistemmed is >15cm DBH (or 47cm circ).										Absent
(d) Where the length of the hedgerow exceeds 50m but does not exceed 100m, at least 2 standard trees;										Absent
(e) Where the length of the hedgerow exceeds 100m, such number of standard trees (within any part of its length) as would when averaged over its total length amount at least one for each 50m.										Absent
(f) At least 3 woodland species (Schedule 2) within one metre, in any direction, of the outermost edges of the hedgerow.										Absent
(g) A ditch along at least one half of the length of the hedgerow.										Present
(h) Connections scoring 4 points or more in accordance with sub-paragraph (5) ¹										Absent
(i) A parallel hedge within 15m of the hedgerow.										Absent
Total number of features present										2
Notable shrub or herb species that occur along the length of the entire hedge which are not listed in Schedule 2 or 3										
Common nettle, cock's-foot, cleavers, bramble										
Total number of other hedgerows connecting to hedgerow that is subject of survey										
1										
Signs of use by notable fauna										
None observed										
Is the Hedgerow obviously less than 30 years in age?										No
Does hedge currently support or have desk study records of spp protected in Schedules 1, 5 or 8 of the WaCA, or red data book species for 2007 to date.										No
Does the hedge include at least 7 woody species (from Schedule 3)										Yes
Does the hedge include at least 6 woody species (from Schedule 3) + 3 features listed overleaf?										No
Does the hedge include at least 6 woody species (from Schedule 3), including native black poplar, small or large lvd lime or service tree?										No
Does the hedge include at least 5 woody species (from Schedule 3) + four features listed overleaf?										No
Hedge adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic + at least 4 woody species (from Schedule 3) + at least 2 of the features described in (a) to (g) above.										No
Qualifies as 'IMPORTANT HEDGEROW'?										Yes
Notes										
Not on original map. The northern extent of the hedgerow is within the Scheme boundary. PHASE 1 HABITAT CODE: J.2.3.1 Intact species-rich hedge and trees.										
Are further surveys needed?										No

HS1 HEDGEROW SURVEY									
Ecology ID ¹	Hedgerow 76			Land Parcel Reference		WS47590		Date	28/09/2017
Weather Conditions	dry, sunny			Surveyor(s)		Phil Newberry, Dave Locke	Transect ID	F001	
Wind	2	Air Temperature (°C)	19		Cloud Cover	4	Rain	0	
Start	Easting (X)	354977			End	Easting (X)	355059		
	Northing (Y)	125112				Northing (Y)	125082		
Total length of hedge section (m)	17			Number of 30m sections to be assessed			1		
Height of hedge (m)	2			Width of hedge (m)			2		
Number and length of gaps in hedge (as an overall % of length)					Number of mature trees (>20cm DBH) in total length of hedge				
80					0				
Are there any ditches along the length of the hedge?	Yes	Orientation of ditch	N		Wet or dry Ditch	Dry			
List of Schedule 3 Species for hedgerow assessment within 30m sections.					Schedule 2 species, to be recorded along entire length of hedge (within 1m of outermost edges of the hedgerow)				
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR	
<i>Acer campestre</i>	Field maple					<i>Adoxa moschatellina</i>	Moschatel		
<i>Alnus glutinosa</i>	Alder					<i>Ajuga reptans</i>	Bugle		
<i>Betula pendula</i>	Silver birch					<i>Allium ursinum</i>	Ramsons		
<i>Betula pubescens</i>	Downy birch					<i>Anemone nemorosa</i>	Wood anemone		
<i>Carpinus betulus</i>	Hornbeam					<i>Arum maculatum</i>	Lords-and-ladies		
<i>Cornus sanguinea</i>	Dogwood					<i>Athyrium filix-femina</i>	Lady fern		
<i>Corylus avellana</i>	Hazel					<i>Brachypodium sylvaticum</i>	Wood false-brome		
<i>Crataegus laevigata</i>	Midland hawthorn					<i>Bromus ramosus</i>	Hairy brome		
<i>Crataegus monogyna</i>	Hawthorn					<i>Campanula trachelium</i>	Nettle-leaved bellflower		
<i>Daphne laureola</i>	Spurge-laurel					<i>Carex sylvatica</i>	Wood sedge		
<i>Daphne mezereum</i>	Daphne mezereon					<i>Circaea lutetiana</i>	Enchanters nightshade		
<i>Euonymus europaeus</i>	Spindle					<i>Conopodium majus</i>	Pignut		
<i>Fagus sylvatica</i>	Beech					<i>Dryopteris affinis</i>	Scaly male-fern		
<i>Fraxinus excelsior</i>	Alder buckthorn	R			R	<i>Dryopteris carthusiana</i>	Narrow buckler-fern		
<i>Ilex aquifolium</i>	Holly					<i>Dryopteris dilatata</i>	Broad buckler-fern		
<i>Ligustrum vulgare</i>	Wild privet					<i>Dryopteris filix-mas</i>	Male fern		
<i>Malus sylvestris</i>	Crab apple					<i>Epipactis helleborine</i>	Broad-leaved helleborine		
<i>Populus alba</i>	White poplar					<i>Equisetum sylvaticum</i>	Wood horsetail		
<i>Populus nigra ssp betulifolia</i>	Black poplar					<i>Euphorbia amygdaloides</i>	Wood spurge		
<i>Populus tremula</i>	Aspen					<i>Festuca gigantea</i>	Giant fescue		
<i>Populus x canescens</i>	Grey poplar					<i>Fragaria vesca</i>	Wild strawberry		
<i>Prunus avium</i>	Wild cherry					<i>Galium odoratum</i>	Sweet woodruff		
<i>Prunus spinosa</i>	Blackthorn	D			D	<i>Geranium robertianum</i>	Herb Robert		
<i>Pyrus cordata</i>	Plymouth pear					<i>Geum urbanum</i>	Wood aven		
<i>Pyrus pyrastrer</i>	Wild pear					<i>Hyacinthoides non-scripta</i>	Bluebell		
<i>Quercus robur</i>	Pedunculate oak					<i>Lamium galeobdolon</i>	Yellow archangel		
<i>Rhamnus cathartica</i>	Buckthorn					<i>Lathraea squamaria</i>	Toothwort		
<i>Ribes uva-crispa</i>	Gooseberry					<i>Luzula pilosa</i>	Hairy wood-rush		
<i>Rosa species</i>	Rose species					<i>Melampyrum pratense</i>	Common cow-wheat		
<i>Salix species</i>	Willow species					<i>Mercurialis perennis</i>	Dog's mercury		
<i>Salix viminalis</i>	Osier					<i>Milium effusum</i>	Wood millet		
<i>Sambucus nigra</i>	Elder					<i>Orchis mascula</i>	Early purple orchid		
						<i>Oxalis acetosella</i>	Wood sorrel		
						<i>Paris quadrifolia</i>	Herb Paris		
	Sub-totals	2	0	0					
Latin	English	Section 1 (30m)	Section 2 (30m)	Section 3 (30m)	General DAFOR	Latin	English	General DAFOR	
<i>Sorbus aucuparia</i>	Rowan					<i>Phyllitis scolopendrium</i>	Hart's tongue		
<i>Sorbus species</i>	Whitebeam species					<i>Poa nemoralis</i>	Wood meadow-grass		
<i>Sorbus torminalis</i>	Wild service tree					<i>Polypodium vulgare</i>	Common polypody		
<i>Taxus baccata</i>	Yew					<i>Polystichum aculeatum</i>	Hard shield fern		
<i>Tilia platyphyllos</i>	Large-leaved lime					<i>Polystichum setiferum</i>	Soft shield fern		
<i>Ulex europaeus</i>	Gorse					<i>Potentilla sterilis</i>	Barren strawberry		
<i>Ulmus species</i>	Elm species					<i>Primula elatior</i>	Oxlip		
<i>Viburnum lantana</i>	Wayfaring-tree					<i>Primula vulgaris</i>	Primrose		
<i>Viburnum opulus</i>	Guelder rose					<i>Ranunculus auricomus</i>	Goldlocks buttercup		
						<i>Ranunculus europaea</i>	Sanicle		
						<i>Teucrium scorodonia</i>	Wood sage		
						<i>Veronica montana</i>	Wood speedwell		
						<i>Viola odorata</i>	Sweet violet		
						<i>Viola reichenbachiana</i>	Early dog violet		
						<i>Viola riviniana</i>	Common dog violet		
	Total species for each 30m section	2	0	0					
	Average per 30m section				2				
HEDGEROW ASSESSMENT									
Hedgerow features (taken from Hedgerow Regulations 1997 Part 11 Paragraph 7(4) to (i)).									
(a) A bank or wall which supports the hedgerow along at least half of its length;									Absent
(b) Gaps which aggregate do not exceed 10% of length of hedgerow;									Absent
(c) Where the length of the hedgerow does not exceed 50m, at least one standard tree; (standard tree >20cm DBH (or 63cm circ) and multistemmed is >15cm DBH (or 47cm circ).									Absent
(d) Where the length of the hedgerow exceeds 50m but does not exceed 100m, at least 2 standard trees;									Absent
(e) Where the length of the hedgerow exceeds 100m, such number of standard trees (within any part of its length) as would when averaged over its total length amount at least one for each 50m;									Absent
(f) At least 3 woodland species (Schedule 2) within one metre, in any direction, of the outermost edges of the hedgerow;									Absent
(g) A ditch along at least one half of the length of the hedgerow;									Present
(h) Connections scoring 4 points or more in accordance with sub-paragraph (5) ¹									Absent
(i) A parallel hedge within 15m of the hedgerow.									Absent
	Total number of features present								1
Notable shrub or herb species that occur along the length of the entire hedge which are not listed in Schedule 2 or 3									
wild teasel, cock's foot, bramble, pendulous sedge, creeping thistle.									
Total number of other hedgerows connecting to hedgerow that is subject of survey									
1									
Signs of use by notable fauna									
None observed									
Is the Hedgerow obviously less than 30 years in age?									No
Does hedge currently support or have desk study records of spp protected in Schedules 1, 5 or 6 of the WaCA, or red data book species for 2007 to date.									No
Does the hedge include at least 7 woody species (from Schedule 3)									No
Does the hedge include at least 6 woody species (from Schedule 3) + 3 features listed overleaf?									No
Does the hedge include at least 6 woody species (from Schedule 3), including native black poplar, small or large lwd lime or service tree?									No
Does the hedge include at least 5 woody species (from Schedule 3) + 4 features listed overleaf?									No
Hedge adjacent to a bridleway, foot path/road used by public, path/byway open to all traffic + at least 4 woody species (from Schedule 3) + at least 2 of the features described in (a) to (g) above.									No
	Qualifies as 'IMPORTANT HEDGEROW'?								No
Notes									
Defunct hedgerow, directly southerly adjacent to A303. Hedge fragment surveyed is 17m in length. Only southern section of hedgerow surveyed due to narrowness of A303 road verge. PHASE 1 HABITAT CODE: J.2.2.2 Defunct species-poor hedge.									
	Are further surveys needed?								No