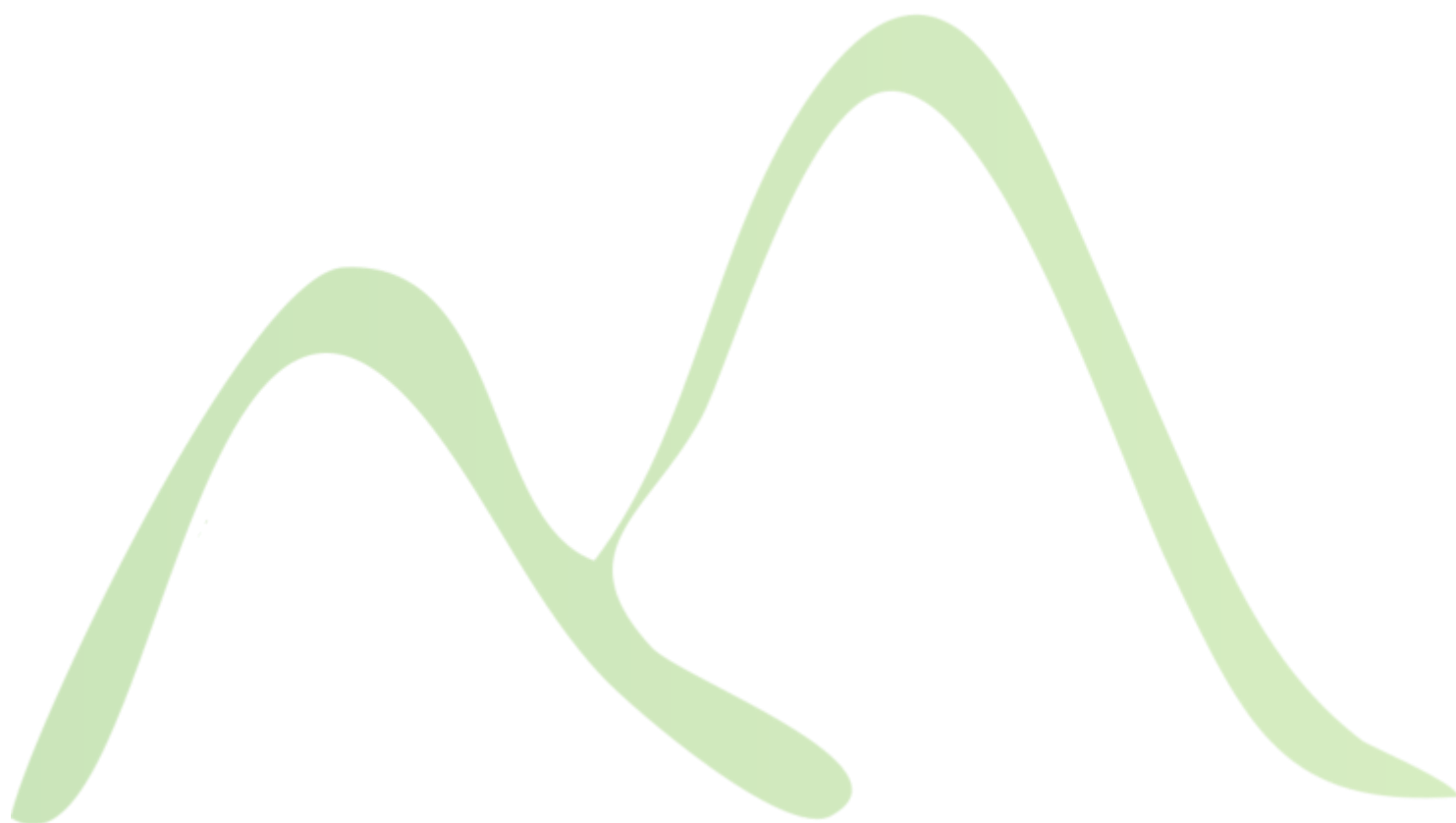


Land at Fenay Lane, Kirklees, West Yorkshire

Preliminary Ecological Appraisal & Biodiversity Net Gain Assessment
July 2026



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1 Introduction

- 1.1.1.1 This report presents the results of a Preliminary Ecological Appraisal & Biodiversity Net Gain Assessment undertaken on a parcel of land at Fenay Lane, Almondbury, Huddersfield, Kirklees, West Yorkshire, HD8 0LL, in relation to the proposed residential development¹.
- 1.1.1.2 The study area (see Figure 1) extends to 8,959.5 sqm and is centred at approximate Grid Reference SE17391530; hereafter referred to as the Site. The Site is located within the village of Almondbury, approximately 3 km to the south-east of Huddersfield town centre.
- 1.1.1.3 The aims of this assessment were to identify the habitat types present on the Site, to assess the potential for protected / notable species to occur and to make any recommendations for further surveys or assessments which may be required to inform a proposed development at the Site.
- 1.1.1.4 DEFRA Biodiversity Metric calculations have been undertaken for the Site in accordance with the standard methodologies^{2 3} using the DEFRA Statutory Biodiversity Metric 4.0⁴. This BNG report presents the Habitat Condition Assessments for all baseline habitats within the Site.
- 1.1.1.5 A Site visit was undertaken on 6th April 2026 by Thomas McQuillan MCIEEM⁵. A desk-based study was undertaken to obtain existing ecological records for the Site and surrounding area.

Figure 1. Approximate Site location shown by red line (aerial imagery dated 2025)⁶.



¹ Refer to Appendix 3 for Existing and Proposed Plans. Proposed development layout shown in Appendix 3.

² UKHab Ltd (2023). UK Habitat Classification Version 2.0 (at <https://www.ukhab.org>)

³ DEFRA. The Statutory Biodiversity Metric - User Guide. February 2024 (Updated 03 July 2025)

⁴ Statutory biodiversity metric tools and guides - GOV.UK

⁵ MCIEEM – Full member of the Chartered Institute of Ecology and Environmental Management.

⁶ Refer to the Existing Site Plan in Appendix 3 for exact Site boundary.

2 Methodology

2.1 Desktop Study

2.1.1.1 West Yorkshire Joint Services (WYJS) was contacted for records of protected sites and protected / notable species within a 2 km radius of the Site. In addition, the following data sources were searched for statutorily protected sites and additional ecological data of relevance to the assessment such as off-site waterbodies:

- Multi Agency Geographic Information for the Countryside (MAGIC).
- Ordnance Survey 1:10,000 mapping.
- Aerial imagery (dated 2002 - 2025).
- QGIS 3.16.

2.2 Preliminary Ecological Appraisal (Inc. Preliminary Bat Roost Assessment)

2.2.1.1 A Preliminary Ecological Appraisal of the Site was conducted on 6th April 2026 in accordance with standard survey methodology⁷. The habitats on the Site were assessed and categorised to provide baseline information and subsequent interpretation of the ecological value of the Site.

2.2.1.2 In addition, the Site was searched for evidence of protected / notable species and assessed in terms of its potential to support protected / notable species such as Badger, Great Crested Newt, Water Vole, reptiles and bat species. Habitat types within the Site were classified in accordance with the standard methodology⁸. The weather conditions at the time of survey were: 10°C, 60 % cloud and wind 1 (Beaufort Scale).

2.2.1.3 Any trees within or edging the Site would be inspected from ground level for evidence of bats and for potential bat roost features, using close-focussing binoculars, in accordance with current good practice guidelines⁹.

2.3 Biodiversity Net Gain Assessment

2.3.1.1 To inform the Biodiversity Net Gain Calculations, the habitat types and condition of the habitats within the Site were assessed during the Site visit in accordance with the standard methodology¹⁰. The habitats within the Site were assessed and categorised to provide baseline information and subsequent interpretation of the associated ecological value.

2.3.1.2 The latest version of the DEFRA Statutory Biodiversity Metric (Version 4.0)¹¹ has been used to calculate the baseline value of the Site (before development) and the post-development value to calculate the Total Net Unit Change using the following drawing:

- Landscape Proposal. Land off Fenay Lane, Almondbury. Studio 413. Drawing Number LDP-26-P317. Date 05.05.26.

⁷ Chartered Institute of Ecology and Environmental Management (CIEEM). (2017). Guidelines for Preliminary Ecological Appraisal, Second Edition. December 2017. CIEEM, Winchester.

⁸ UKHab Ltd (2023). UK Habitat Classification Version 2.0 (<https://www.ukhab.org>)

⁹ Collins, J. (ed) (2023) Bat Surveys for Professional Ecologists: Good Practice Guidelines (4th edition). The Bat Conservation Trust, London.

¹⁰ UKHab Ltd (2023). UK Habitat Classification Version 2.0 (at <https://www.ukhab.org>)

¹¹ Statutory biodiversity metric tools and guides - GOV.UK

2.3.1.3 Habitat Condition Assessments have been undertaken in accordance with the current methodology¹².

2.4 *Personnel*

2.4.1.1 The Preliminary Ecological Appraisal was undertaken by Thomas McQuillan who is a full member of the Chartered Institute of Ecology and Environmental Management (CIEEM), holds Natural England survey licences for bats¹³ and Great Crested Newt¹⁴, is an Accredited Consultant¹⁵ on the Natural England Earned Recognition scheme, and has over 15 years' experience of ecological consultancy.

2.5 *Limitations*

2.5.1.1 The Site survey was undertaken within the optimum season for habitat surveys (April to September inclusive).

2.5.1.2 There were no access restrictions. Overall, there were no significant limitations.

¹² <https://www.gov.uk/government/publications/statutory-biodiversity-metric-tools-and-guides>

¹³ Natural England Class Licence Registration No. 2015-11312-CLS-CLS - CL18 Level 2 (Bats).

¹⁴ Natural England Class Licence Registration No. WML- CL09 & A29 Ref. 2023-66432-SC-SCI (Great Crested Newts).

¹⁵ Natural England Earned Recognition Accredited Consultant Ref. BER0116.

3 Results

3.1 Desktop Study

3.1.1.1 Information provided by West Yorkshire Joint Services (WYJS) is reproduced in Appendix 3 with key information summarised below.

3.1.2 Internationally & Nationally Protected Sites

3.1.2.1 There are no internationally protected sites within 2 km of the Site.

3.1.3 Locally Protected Sites

3.1.3.1 There are eight locally protected sites within 2 km of the Site:

- Almondbury Common LWS¹⁶ located 0.56 km south of the Site.
- Arkenley Lane LWS located 0.8 km south-west of the Site.
- Arthur, Molly Carr and Roaf Woods LWS located 1.9 km south-west of the Site.
- Carr Wood LWS located 0.8 km south of the Site.
- Gawthorpe Lower Wood LWS located 1.9 km north-east of the Site.
- Lepton Great Wood LWS located 2 km south-east of the Site.
- Longley Hill Plantation LWS located 1.75 km west of the Site.
- Round Wood, Tandem LWS located 1.36 km north of the Site.

3.1.4 Priority Habitats (Wildlife Habitat Network, Ancient Woodland & UK Priority Habitats)

3.1.4.1 Parcels of land listed on the Priority Habitats Inventory are located within 500 m of the Site. These include several parcels of Deciduous Woodland, and Traditional Orchard.

3.1.4.2 The nearest parcel of Priority Habitat is an area of Deciduous Woodland 112 m east of the Site.

3.1.4.3 There are no areas of land included within the Ancient Woodland Inventory within 100 m of the Site.

3.1.4.4 There are several parcels of woodland designated areas of Ancient Replanted Woodland and Ancient & Semi-Natural Woodland within 2 km of the Site, with the nearest area >600 m from the Site.

3.1.4.5 The Site is not located within the Kirkless Wildlife Habitat Network. The woodland to the north of the Site is within the Kirkless Wildlife Habitat Network.

3.1.5 Species Records

3.1.5.1 Please note the paucity of records for certain areas may be attributed to lack of survey and recording input rather than a limited number of species within an area.

Birds

3.1.5.2 WYJS provided 156 bird records within 2 km of the Site. Records were provided for a range of species including Barn Owl, Bullfinch, Collared Dove, Cuckoo, Dipper, Dunnock, Fieldfare, Goldfinch, Greenfinch, Grey Wagtail, House Sparrow, Kestrel, Kingfisher, Lapwing, Lesser Spotted Woodpecker, Linnet, Mallard, Mistle Thrush,

¹⁶ LWS – Local Wildlife Site

Song Thrush, Redwing, Starling, Spotted Flycatcher, Stock Dove, Swift, Tawny Owl, Tree Pipit, Tree Sparrow, Whitethroat, Willow Warbler, Woodpigeon, Wren Yellowhammer, with the nearest record for Tawny Owl 0.4 km from the Site.

Amphibians

- 3.1.5.3 WYJS provided records of Common Frog (four records) within 2 km of the Site. The nearest record was 0.8 km from the Site.
- 3.1.5.4 WYJS provided no records of Great Crested Newt within 2 km of the Site.
- 3.1.5.5 No records of Great Crested Newts were confirmed during Great Crested Newt Pond Surveys (2017-2019).
- 3.1.5.6 There are no records of Great Crested Newts from the Great Crested Newt Class Licence Returns within 2 km of the Site.
- 3.1.5.7 There are no Granted European Protected Species Applications for Great Crested Newt within 2 km of the Site.

Reptiles

- 3.1.5.8 WYJS provided no records for reptiles within 2 km of the Site¹⁷.

Bats

- 3.1.5.9 WYJS provided 85 records of bats within 2 km of the Site. Species recorded within 2 km of the Site included Lesser Noctule, Daubenton's, Nathusius's, Whiskered, Brown Long-eared, Noctule, Myotis, Common Pipistrelle and Soprano Pipistrelle. The nearest record was for a Pipistrelle bat at SE1746015465 130 m north of the Site.
- 3.1.5.10 There is one Granted European Protected Species Licence for bat species within 2 km of the Site. This being:
 - Reference 2016-27076-EPS-MIT for the destruction of a Brown Long-eared resting place 1.72 km to the south-west.

Other Fauna

- 3.1.5.11 WYJS provided three records of Hedgehog within 2 km of the Site, the closest of which is located 1 km from the Site.
- 3.1.5.12 WYJS provided four records of Otter within 2 km of the Site, these records were > 1.7 km from the Site.
- 3.1.5.13 WYJS provided five records of Brown Hare within 2 km of the Site; all records were > 1 km from the Site.
- 3.1.5.15 WYJS provided no records of Water Vole within 2 km of the Site.

¹⁷ Records from > 100 years ago were discounted.

3.2 Preliminary Ecological Appraisal

- 3.2.1.1 The Site covers 8,959.5 sqm and includes a parcel of land to the north of Fenay Lane within the village of Almondbury, approximately 3 km to the south-east of Huddersfield town centre.
- 3.2.1.2 Habitats within the Site include Modified Grassland, Bramble Scrub, Mixed Scrub and Individual Trees.
- 3.2.1.3 The Site is located at an altitude of 120 m above sea level and is accessible via Fenay Lane to the south. A well-used footpath runs north-south across the western part of the Site, linking Pony Park with Fenay Lane. The Site has open access and is regularly walked by people and dogs, with evidence of bikes riding across the Site. A dilapidated timber agricultural fence forms the boundary feature on the northern edge of the Site.
- 3.2.1.4 There are no buildings, hedgerows, ponds or watercourses within or edging the Site. A stone wall forms the boundary feature on the southern edge of the Site, running parallel to Fenay Lane. A field access gate is located within the south-west corner of the Site, providing access to Fenay Lane.

3.2.2 Habitats

- 3.2.2.1 Baseline Habitats within the Site are shown in Figure 2 – Baseline Habitat Plan and Photos 1 - 10 in Appendix 2.

Grassland – Modified Grassland – 7,942.5 sqm

- 3.2.2.2 Two parcels of Modified Grassland form the dominant habitat within the Site. The two agricultural fields are divided by a section of mixed scrub, running north to south.
- 3.2.2.3 UK Habitat Classification: Modified Grassland.
- 3.2.2.4 The grassland sward of both fields was species-poor (< 9 species per sqm) and is dominated by species associated with moderate-high fertility levels.
- 3.2.2.5 Grass species recorded within the sward included Cock's-foot *Dactylis glomerata*, Meadow Foxtail *Alopecurus pratensis*, Yorkshire Fog *Holcus lanatus*, Creeping Bent *Agrostis stolonifera*, Perennial Rye-grass *Lolium perenne*, and Red Fescue *Festuca rubra*.
- 3.2.2.6 Forb species recorded within the sward included Cow Parsley *Anthriscus sylvestris* (o), Meadow Buttercup *Ranunculus acris* (o), Broad-leaved Dock *Rumex obtusifolius* (r), Curled Dock *Rumex crispus* (o), Ribwort Plantain *Plantago lanceolata* (r), Common Sorrel *Rumex acetosa* (o), Lesser Celandine *Ficaria verna* (f), Creeping Buttercup *Ranunculus repens* (f), Common Mouse-ear *Cerastium fontanum* (r), Dandelion *Taraxacum officinale* agg. (o), and Creeping Cinquefoil *Potentilla reptans* (r).
- 3.2.2.7 Species recorded around the margins of the field, where grass cutting was less intensive, included Cow Parsley *Anthriscus sylvestris*, Couch *Elymus repens*, False Oat-grass *Arrhenatherum elatius*, Common Nettle *Urtica dioica*, Cleavers *Galium aparine*, Hedge Bindweed *Calystegia sepium*, Dandelion *Taraxacum officinale* agg., Bramble *Rubus fruticosus* agg., Lesser Celandine *Ficaria verna*, Creeping Thistle *Cirsium arvense*, Ivy *Hedera helix*, Male Fern *Dryopteris filix-mas*, Ragwort *Jacobaea vulgaris*, Great Willowherb *Epilobium hirsutum* and Herb Bennet *Geum urbanum*.
- 3.2.2.8 Encroaching Bramble *Rubus fruticosus* was recorded within the grassland sward (<20 % of the grassland area) in both fields within the Site.
- 3.2.2.9 Sward height was varied in both fields (at least 20 % > 7 cm and at least 20% < 7 cm).
- 3.2.2.10 Areas of bare-earth (< 10 %) were recorded within this field from walkers, dogs and bikes.
- 3.2.2.11 Western field: an example 1 sqm quadrat of the grassland habitat within the slightly smaller western field (0.3810 ha) recorded seven species per sqm; Creeping Bent *Agrostis stolonifera*, Ribwort Plantain *Plantago lanceolata*, Red Fescue *Festuca rubra*, Meadow Buttercup *Ranunculus acris*, Yorkshire Fog *Holcus lanatus*, Cock's-foot *Dactylis glomerata*, and Lesser Celandine *Ficaria verna*. 6-8 vascular plant species per sqm was

considered typical of the grassland within the western field. Habitat Condition Assessment: Passes A, B, C, E, F, G; Fails D. Habitat Condition Score: Good. Appendix 2: Photos 1 and 2.

- 3.2.2.12 Eastern field: an example 1 sqm quadrat of the grassland habitat within the slightly larger eastern field (0.4132 ha) recorded five species per sqm; Creeping Bent *Agrostis stolonifera*, Meadow Foxtail *Alopecurus pratensis*, Meadow Buttercup *Ranunculus acris*, Dandelion *Taraxacum officinale* agg. and Lesser Celandine *Ficaria verna*. < 6 vascular plant species per sqm was considered typical of the grassland within the western field. Habitat Condition Assessment: Passes B, C, E, F, G; Fails A, D. Habitat Condition Score: Poor. Appendix 2: Photos 3 and 4.
- 3.2.2.13 Aerial imagery shows both fields to have been under agricultural management since at least 2002, possibly holding livestock in 2002, with the grassland managed through mowing in years 2003 – 2025. Aerial imagery in 04/2021 shows both fields ploughed to bare-earth, with a sown grass crop present by 06/2021.
- 3.2.2.14 Modified Grassland habitat: Distinctiveness – low. Based on aerial imagery this habitat and use appear largely unchanged since at least 2002 (i.e., agricultural grassland).

Individual Trees (three small trees)

- 3.2.2.15 Three Small (DBH¹⁸ 7.5 < 30 cm) trees are located within the central region of the Site. these include:
- 3.2.2.16 T4. Hawthorn *Crataegus monogyna*. DBH 110 cm. Tree recorded to be dead or in a state of irreversible decline. Habitat Condition Assessment: Passes A, B, D, E; Fails C, F. Habitat Condition Score: Moderate.
- 3.2.2.17 T5. Ash *Fraxinus excelsior*. DBH 200 cm. Semi-mature tree with crown symptoms of Ash dieback. Habitat Condition Assessment: Passes A, B, D, E; Fails C, F. Habitat Condition Score: Moderate.
- 3.2.2.18 T6. Common Oak *Quercus robur*. DBH 240 cm. Well-formed semi-mature tree. Habitat Condition Assessment: Passes A, B, D, E; Fails C, F. Habitat Condition Score: Moderate.
- 3.2.2.19 Located around the edges of the Site are several self-sown tree saplings (DBH < 7.5 cm). Species include Sycamore *Acer pseudoplatanus*, Holly *Ilex aquifolium*, Beech *Fagus sylvatica* and Horse Chestnut *Aesculus hippocastanum*.
- 3.2.2.20 Edging the Site, outside of the red-line boundary for the Site, are a number of mature standard trees. These include a group of Sycamore *Acer pseudoplatanus* and Horse Chestnut *Aesculus hippocastanum* trees to the west (Reference G1), a group of Beech *Fagus sylvatica*, Sycamore *Acer pseudoplatanus*, Ash *Fraxinus excelsior*, Wych Elm *Ulmus glabra*, Yew *Taxus baccata*, Common Oak *Quercus robur*, Small leaved Lime *Tilia cordata*, White Willow *Salix alba*, Alder *Alnus glutinosa*, and Wild Cherry *Prunus avium* trees to the north (Reference G7, G12, G16).

Heathland and Shrub - Mixed Scrub – Condition Moderate – 306.6 sqm

- 3.2.2.21 A parcel of Mixed Scrub is located within the central region of the Site. Species recorded within this habitat included Hawthorn *Crataegus monogyna*, Ash *Fraxinus excelsior*, Holly *Ilex aquifolium*, Sycamore *Acer pseudoplatanus* and Elder *Sambucus nigra*. Other species present included Bramble *Rubus fruticosus* agg., Tutsan *Hypericum androsaemum* and Ivy *Hedera helix*. Ruderal species recorded within and edging the scrub included Great Willow Herb *Epilobium hirsutum*, Common Nettle *Urtica dioica*, Broad-leaved Dock *Rumex obtusifolius*, Cleavers *Galium aparine*, Hedge Woundwort *Stachys sylvatica*, and Bush Vetch *Vicia sepium*. The mixed scrub was unmanaged and may have originated from a field boundary hedgerow that has become outgrown due to a lack of management; remnants of a dilapidated drystone wall was recorded between the two fields within the Site.
- 3.2.2.22 Habitat Condition Assessment: Passes C, C, D; Fails B, E. Habitat Condition Score: Moderate.

¹⁸ DBH – Diameter Breast Height.

Heathland and Shrub - Bramble Scrub – Condition Poor – 710.4 sqm

3.2.2.23 Parcels of self-sown encroaching Bramble *Rubus fruticosus* agg. Scrub is located along the western and northern edges of the Site. This habitat has developed due to a lack of management within recent years. Bramble *Rubus fruticosus* is the dominant species within this habitat; other species recorded within this habitat included Honeysuckle *Lonicera periclymenum*, Cherry Laurel *Prunus laurocerasus*, Raspberry *Rubus idaeus*, and common ruderal species including Common Nettle *Urtica dioica*, Dandelion *Taraxacum officinale* agg., Herb Bennet *Geum urbanum*, Lesser Celandine *Ficaria verna*, Spear Thistle *Cirsium vulgare* and Herb Bennet *Geum urbanum*.

3.2.2.24 Condition Assessment N/A. Automatically assigned Poor Condition.

Surrounding Habitats

3.2.2.25 The Site is located on the eastern edge of the village of Almondbury, with the village of Fenay Bridge > 1 km to the east. Fenay Lane is located to the immediate south of the Site with a large residential dwelling beyond.

3.2.2.26 Pony Park is located to the north-west of the Site with residential dwelling associated with Fenay Crescent to the west. Pond Park includes an area of amenity grassland with play equipment.

3.2.2.27 A group of mature Sycamore *Acer pseudoplatanus* and Horse Chestnut *Aesculus hippocastanum* trees is located to the immediate west (Reference G1) of the Site; a tarmac footpath runs below the trees along with common vegetation including Elder *Sambucus nigra*, Hawthorn *Crataegus monogyna*, Red-flowering Currant *Ribes sanguineum*, Garlic Mustard *Alliaria petiolata*, Cow Parsley *Anthriscus sylvestris*, and Lesser Celandine *Ficaria verna*.

3.2.2.28 Within the local area, agricultural farmland and pockets of woodland are the dominant habitats to the east and south-east, with the village of Almondbury to the north and west.

3.2.2.29 Located within the parcel of woodland to the north of the Site is a small watercourse. This had a width of < 1 m and depth of 0-3 cm at the time of survey. The watercourse included no aquatic vegetation, was choked with leaf-litter and was flowing west to east. Occasional English Bluebell *Hyacinthoides non-scripta* was recorded within the woodland to the north of the Site. The top of the watercourse is > 10 m from the Site boundary.

3.2.2.30 Woodland cover within 2 km of the Site is moderate and includes a large area of woodland > 0.5 km to the south beyond Woodsome Hall, with pockets of woodland within the urban areas to the north-east and north-west.

3.2.3 *Birds*

3.2.3.1 Birds recorded within and surrounding the Site on 6th April 2026 included Wood Pigeon, Jackdaw, Starling, Dunnock, Robin, Red Kite, Blackbird, Wren, House Sparrow and Goldfinch.

3.2.3.2 The mixed scrub, bramble scrub and trees within and edging the Site were suitable for nesting purposes of a range of common urban and rural fringe species.

3.2.3.3 The grassland habitats within the Site were of low suitability for ground nesting birds such as Lapwing and Skylark, namely due to the proximity of the village of Almondbury and with the Site used on a regular basis used by walkers / dogs.

3.2.4 *Bats*

3.2.4.1 None of the trees within the Site held features suitable for roosting bats. Features may have included areas of deadwood, fissures etc.

3.2.4.2 Trees surrounding the Site to the west and north were recorded to hold features of PRF-I and PRF-M.

- 3.2.4.3 Habitats within the Site (i.e., grassland, trees and scrub) were suitable for foraging and commuting bats. The mature trees and woodland to the north and west of the Site provide optimal conditions for foraging and commuting bats with these habitats well-connected to habitats within the local area.

3.2.5 *Great Crested Newt*

- 3.2.5.1 There are no ponds within the Site or within 250 m of the Site boundary.
- 3.2.5.2 Two ponds have been identified within 250 – 500 m of the Site, these include a small pond 270 m to the south-east at SE17701509, and a small pond 272 m to the south-west at SE17281498. Barriers to the movement of amphibians are located between the Site and both ponds within 500 m; these barriers include several roads with drop kerbs, buildings and walls.
- 3.2.5.3 The small watercourse to the north of the Site provides unsuitable conditions for breeding Great Crested Newts (i.e., moving water with potential fish presence).
- 3.2.5.4 The vegetated habitats (i.e., grassland, bramble and mixed scrub) within the Site are suitable for foraging, sheltering and resting amphibian species during their terrestrial phase.

3.2.6 *Other Fauna*

- 3.2.6.1 Hedgehog, which are listed under Section 41 of the NERC Act, could potentially use the habitats within the Site for foraging purposes, and may shelter within the habitats in the local area.

- 3.2.6.2 Based on the nature of the habitats at the Site, it is considered very unlikely that reptiles will occur.

3

- 3.2.6.4 No suitable habitats for resident populations of Water Vole, Otter or White-clawed Crayfish have been identified within the immediate vicinity of the Site. Brown Hare are likely to be present within the wider agricultural landscape.

4 Biodiversity Net Gain Assessment

4.1.1 On-Site Baseline Habitats

- 4.1.1.1 The Baseline Habitats within the Site are shown in Figure 2 - Baseline Habitat Plan in Appendix 3.
- 4.1.1.2 Table 1 presents the Baseline Habitat Units for the Site. DEFRA Statutory Metric presented separately.
- 4.1.1.3 Baseline Habitat Units within the Site total 3.74 Habitat Units. There are no hedgerow or watercourse habitats within or edging the Site.

Table 1. On-Site Baseline Habitat Units

Habitat type	Area (sqm)	Condition / Distinctiveness / Strategic significance	Biodiversity Units
<i>Habitat Units</i>			
Grassland - Modified Grassland	3,810.5 sqm	Condition Good. Distinctiveness Low. Area/compensation not in local strategy/ no local strategy	2.29
Grassland - Modified Grassland	4,132 sqm	Condition Poor. Distinctiveness Low. Area/compensation not in local strategy/ no local strategy	0.83
Bramble Scrub	710.4 sqm	Condition Poor. Distinctiveness Medium. Area/compensation not in local strategy/ no local strategy	0.28
Mixed Scrub	306.6 sqm	Condition Moderate. Distinctiveness Medium. Area/compensation not in local strategy/ no local strategy	0.25
Individual Trees	122 sqm (three small trees)	Condition Moderate. Distinctiveness Medium. Area/compensation not in local strategy/ no local strategy	0.10

4.1.2 Retained Habitats

- 4.1.2.1 Based on the proposed layout the following baseline habitats would be retained.
- 264.4 sqm of Mixed Scrub would be retained.

4.1.3 On-Site Proposed Habitats – Creation

4.1.3.1 The Proposed Habitats within the Site are shown in Figure 3 – Proposed Habitat Plan in Appendix 3.

4.1.3.2 Table 2 presents the Proposed Habitat Units for the Site. DEFRA Statutory Metric presented separately.

Table 2. On-Site Proposed Habitat Units

Habitat type	Area (sqm / m)	Condition / Distinctiveness / Strategic significance	Biodiversity Units
<u>Habitat Units</u>			
Urban – Developed Land; Sealed Surface	3,708.7 sqm	Condition N/A. Distinctiveness Very Low. Area/compensation not in local strategy/ no local strategy	0.00
Urban – Vegetated Garden	3,357.6 sqm	Condition N/A. Distinctiveness Low. Area/compensation not in local strategy/ no local strategy	0.65
Heathland and Shrub – Mixed Scrub	255.2 sqm	Condition Moderate. Distinctiveness Medium. Area/compensation not in local strategy/ no local strategy	0.17
Individual Tree – Urban Tree	774 sqm	Condition Moderate. Distinctiveness Medium. Area/compensation not in local strategy/ no local strategy	0.24
Grassland - Modified Grassland	1,154.9 sqm	Condition Good. Distinctiveness Low. Area/compensation not in local strategy/ no local strategy	0.54
Urban – Sustainable Urban Drainage System	176.7 sqm	Condition Moderate. Distinctiveness Low. Area/compensation not in local strategy/ no local strategy	0.04
Urban – Introduced Shrub	42 sqm	Condition N/A. Distinctiveness Low. Area/compensation not in local strategy/ no local strategy	0.01
<u>Hedgerow Units</u>			
Native Hedgerow	87.9 m	Condition Poor. Distinctiveness Low. Area/compensation not in local strategy/ no local strategy	0.17
Non-native and Ornamental Hedgerow	17.8 m	Condition Poor. Distinctiveness Very Low. Area/compensation not in local strategy/ no local strategy	0.00

5 Biodiversity Net Gain Calculations

5.1 Results – Overview

- 5.1.1.1 The Baseline Habitats within the Site are shown in Figure 2 - Baseline UKHab Plan and detailed in Table 1.
- Baseline Habitat Units within the Site total 3.74 Habitat Units.
- 5.1.1.2 The Proposed Habitats within the Site are shown in Figure 3 - Baseline UKHab Plan and detailed in Table 2.
- On-Site Post Intervention (includes habitat retention, creation and enhancement) 1.86 Habitat Units and 0.17 Hedgerow Units.
- 5.1.1.3 On-Site Net Change -1.88 Habitat Units (equivalent to a -50.33 % loss).
- 5.1.1.4 On-Site Net Change +0.17 Hedgerow Units (zero baseline - % cannot be calculated).
- 5.1.1.5 A net biodiversity gain above 10% is not achieved for Habitat Units with Trading Rules not satisfied. Unit deficit from achieving 10% gain is 2.26 Habitat Units. Refer to Biodiversity Net Gain data presented separately within the DEFRA Statutory Biodiversity Metric (Version 4.0).

5.2 Habitat Management & Monitoring Plan

- 5.2.1.1 A supporting 30-year Habitat Management and Monitoring Plan (HMMP) should be produced to set out how the proposed habitat enhancement and creation will be delivered, created, managed and monitored to ensure that net gain is achieved for 30 years as per best practice guidelines.
- 5.2.1.2 The Habitat Management and Monitoring Plan should include monitoring for 30 years as per best practice guidelines. The Site should be subject to a UKHab classification survey alongside a condition assessment of the created and enhanced habitats. This survey should be carried out by a suitably qualified ecologist, starting 1 year after the project is completed, with second visit in year 5 and then further visits every 5 years until the final visit on year 30.
- 5.2.1.3 The HMMP would include details of the habitat creation/enhancement, maintenance regimes, details of treatment of site boundaries, information on management responsibilities, a monitoring schedule of how the habitats on Site are to meet the quality (condition) and quantity (area or length) targets set out in the Biodiversity Metric Spreadsheet against the DEFRA Metric version 4.0.

5.3 Additional Information

- 5.3.1.1 Pre-development biodiversity value of the onsite habitats: 3.74 Habitat Units.
- 5.3.1.2 Date the onsite pre-development biodiversity value was calculated: 6th April 2026.
- 5.3.1.3 Version of the Metric: Statutory Metric (Biodiversity Metric 4.0)
- 5.3.1.4 Date biodiversity metric was published: July 2024 (Version 1.0.4).
- 5.3.1.5 Does the pre-development biodiversity value factor in the loss of any onsite habitat because of activities carried out before the submission of this application. No.
- 5.3.1.6 Does the development site have irreplaceable habitats (corresponding to the descriptions in column 1 of (Schedule to the Biodiversity Gain Requirements (Irreplaceable Habitat) Regulations)) which are:
- on land to which the application resides; and
 - exist on the date of the application for planning permission, (or an earlier agreed date). No.

6 Conclusions & Recommendations

6.1 Protected Sites

- 6.1.1.1 Based on the development proposal, it is not considered that the development will impact protected sites within the 2 km of the Site.

6.2 Habitats

- 6.2.1.1 The Site covers 8,959.5 sqm and includes a parcel of land to the north of Fenay Lane within the village of Almondbury, approximately 3 km to the south-east of Huddersfield town centre.

- 6.2.1.2 Habitats within the Site include Modified Grassland, Bramble Scrub, Mixed Scrub and Individual Trees.

- 6.2.1.3 Low Distinctiveness Habitats:

- Modified Grassland – the proposed development will result in the loss of 2.57 Habitat Units of Modified Grassland.

- 6.2.1.4 Medium Distinctiveness Habitats:

- Individual Trees: under the development proposals 0.10 Habitat Units of Individual Trees will be lost with 0.24 Habitat Units of Individual Trees delivered as part of the proposed landscape plan, allowing an overall net gain for Individual Trees habitat.
- Mixed Scrub: under the development proposals 0.03 Habitat Units of Mixed Scrub will be lost with 0.17 Habitat Units of Mixed Scrub delivered as part of the proposed landscape plan, allowing an overall net gain for Mixed Scrub habitat.
- Bramble Scrub: under the development proposals 0.28 Habitat Units of Bramble Scrub will be lost. The loss of Bramble Scrub will be compensated via the purchase of off-site Medium Distinctiveness Bramble Scrub units.

- 6.2.1.5 The Site is located at an altitude of 120 m above sea level and is accessible via Fenay Lane to the south. A well-used footpath runs north-south across the western part of the Site, linking Pony Park with Fenay Lane. The Site has open access and is regularly walked by people and dogs, with evidence of bikes riding across the Site. A dilapidated timber agricultural fence forms the boundary feature on the northern edge of the Site.

- 6.2.1.6 There are no buildings, hedgerows, ponds or watercourses within or edging the Site. A stone wall forms the boundary feature on the southern edge of the Site, running parallel to Fenay Lane. A field access gate is located within the south-west corner of the Site, providing access to Fenay Lane.

- 6.2.1.7 The Site is not located within the Kirkless Wildlife Habitat Network. The woodland to the north of the Site is within the Kirkless Wildlife Habitat Network.

- 6.2.1.8 Providing works are completed in accordance with a suitable Construction Ecological Mitigation Plan (CEMP), which includes details for the protection of trees surrounding the Site and a wildlife friendly lighting plan, the potential for impact on the habitats within the Kirkless Wildlife Habitat Network to the north of the Site are considered to be low.

Recommendations

- 6.2.1.9 Care should be taken to ensure no artificial lighting is directed onto the habitats surrounding the Site.
- 6.2.1.10 Native species would be included within the landscape design plan for the Site along with additional habitat features such as native scrub and tree planting.
- 6.2.1.11 It is recommended that the tree edging and beyond the Site be retained as part of any development and protected during the construction phase in accordance with current guidelines (BS5837 2012 Trees in

Relation to Design, Demolition and Construction). The Biodiversity Net Gain assessment is based on no tree removal being undertaken on trees surrounding the Site; should tree removal be proposed to trees outside the red-line in relation to the development the Biodiversity Net Gain assessment should be updated to account for this.

- 6.2.1.12 A suitable Construction Ecological Mitigation Plan (CEMP) and Biodiversity Enhancement Management Plan (BEMP) should be produced for the project. The CEMP should include appropriate mitigation input for potential direct and indirect impacts on habitats surrounding the Site including those within the Kirkless Wildlife Habitat Network during the construction and operation phases.

6.3 *Birds*

- 6.3.1.1 The mixed scrub, bramble scrub and trees within and edging the Site were suitable for nesting purposes of a range of common urban and rural fringe species.
- 6.3.1.2 The grassland habitats within the Site were of low suitability for ground nesting birds such as Lapwing and Skylark, namely due to the proximity of the village of Almondbury and with the Site used on a regular basis used by walkers / dogs.

Recommendations

- 6.3.1.3 Where possible, any works affecting potential bird nesting areas (i.e., ground clearance, vegetation clearance) should be undertaken outside the main bird nesting period of March to August (inclusive). If this is not possible, any such works undertaken within the bird nesting period (March to August inclusive) should be supervised by a suitably qualified ecologist. The supervising ecologist should advise all site personnel of the potential presence of nesting birds, their legal protection and the need to minimise disturbance of nesting birds. If active nests are present, they must be retained in situ undisturbed until the nests are no longer active. A nest is classed as active when it contains eggs or chicks and whilst being built.
- 6.3.1.4 Measures to enhance the nesting opportunities for birds within the Site to be detailed within the Biodiversity Enhancement Management Plan (BEMP).

6.4 *Bats*

- 6.4.1.1 None of the trees within the Site held features suitable for roosting bats. Features may have included areas of deadwood, fissures etc.
- 6.4.1.2 Trees surrounding the Site to the west and north were recorded to hold features of PRF-I and PRF-M.
- 6.4.1.3 Habitats within the Site (i.e., grassland, trees and scrub) were suitable for foraging and commuting bats. The mature trees and woodland to the north and west of the Site provide optimal conditions for foraging and commuting bats and are well-connected to habitats within the local area.

Recommendations

- 6.4.1.0 Care should be taken to ensure no artificial lighting is directed onto the habitats surrounding the Site.
- 6.4.1.1 A Sensitive Lighting Strategy should be developed in order to maintain dark corridors for bats along the Site boundaries; this strategy should be in accordance with current guidance (Bats and Artificial Lighting at Night; Bat Conservation Trust; Guidance Note 08/23).
- 6.4.1.2 Measures to enhance roosting opportunities for bats within the Site to be detailed within the Biodiversity Enhancement Management Plan (BEMP).
- 6.4.1.3 Whilst it is understood that no works will occur to those trees surrounding the Site, should this change and works be proposed to trees outside the red-line, further surveys, in accordance with current survey guidelines, to determine the presence / absence of bats would be required prior to any tree works.

6.5 *Great Crested Newt*

- 6.5.1.1 There are no records of Great Crested Newts within 2 km of the Site.
- 6.5.1.2 There are no ponds within the Site, or within 250 m of the Site boundary.
- 6.5.1.3 Two ponds have been identified within 250 – 500 m of the Site, these include a small pond 270 m to the south-east at SE17701509, and a small pond 272 m to the south-west at SE17281498. Barriers to the movement of amphibians are located between the Site and both ponds within 500 m; these barriers include several roads, buildings and walls.
- 6.5.1.4 The small beck to the north of the Site provides unsuitable conditions for breeding Great Crested Newts (moving water and potential fish presence).
- 6.5.1.5 Whilst the vegetated habitats (i.e., grassland, bramble and mixed scrub) within the Site offer potential value for foraging, sheltering and resting amphibian species during their terrestrial phase, with accessible no ponds on or within 500 m of the Site the presence of Great Crested Newts is considered highly unlikely.

Recommendations

- 6.5.1.6 No further surveys recommended.

6.6 *Other Fauna*

- 6.6.1.1 Hedgehog, which are listed under Section 41 of the NERC Act, could potentially use the habitats within the Site for foraging purposes, and may shelter within the habitats in the local area.
- 6.6.1.2 Based on the nature of the habitats at the Site, it is considered very unlikely that reptiles will occur.
- 6.6.1.4 No suitable habitats for resident populations of Water Vole, Otter or White-clawed Crayfish have been identified within the immediate vicinity of the Site. Brown Hare are likely to be present within the wider agricultural landscape.

Recommendations

- 6.6.1.5 Standard mitigation measures should be followed for Hedgehog, amphibians and Brown Hare (i.e. pre-commencement ecological toolbox talk).
- 6.6.1.6 Where possible, excavations must not be left overnight unless securely covered or provided with an earth or timber ramp not less than 300 mm wide and no steeper than 45 degrees (to allow for escape of trapped animals i.e., Hedgehog). Any excavations should be checked each morning before any works begin on the site to be checked for trapped animals.

VALE ECOLOGY



Appendix 1. Legislation & Conservation Context

European Protected Species (GCN, Otter, all Bats)

Great Crested Newt (GCN), Otter and all British bat species are fully protected through The Conservation of Habitats and Species (Amendment) (EU Exit) Regulations 2019 as European Protected Species (EPS). They also receive some protection through inclusion in Schedule 5 of the Wildlife and Countryside Act 1981 (as amended).

Under the legislation, it is an offence to deliberately capture, injure or kill a GCN, Otter or bat. It is an offence to damage or destroy a breeding site or resting place of a GCN, Otter or bat. It is also an offence to intentionally or recklessly disturb a GCN, Otter or bat while it is occupying a structure or place which it uses for shelter or protection; or obstruct access to any structure or place which it uses for that purpose.

It is also an offence to deliberately disturb a GCN, Otter or bat; in particular any disturbance which is likely (a) to impair their ability - (i) to survive, to breed or reproduce, or to rear or nurture their young, or (ii) in the case of animals of a hibernating or migratory species, to hibernate or migrate; or (b) to affect significantly the local distribution or abundance of the species to which they belong.

The 'appropriate authority' (Natural England in England) has powers to issue licences for various purposes including - (a) scientific or educational purposes... and (e) preserving public health or public safety or other imperative reasons of overriding public interest including those of a social or economic nature and beneficial consequences of primary importance for the environment. The appropriate authority shall not grant a licence under this regulation unless they are satisfied - (a) that there is no satisfactory alternative, and (b) that the action authorised will not be detrimental to the maintenance of the population of the species concerned at a favourable conservation status in their natural range. It is an offence for any person authorised by virtue of a licence to which this paragraph applies to contravene or fail to comply with any condition which the licence requires him to comply with.

Nesting Birds

All wild birds in the UK are protected under Section 1 of the Wildlife and Countryside Act 1981 (as amended) which makes it an offence to intentionally kill, injure or take any wild bird or take, damage or destroy the nest (whilst being built or in use) or its eggs. Bird species listed in Schedule 1 of the 1981 Act, e.g. barn owl, receive further protection which makes it an offence to intentionally or recklessly disturb these species while building a nest or in, on or near a nest containing eggs or young; or to disturb dependent young of such a bird.

Appendix 2. Photographs

Photo 1. Modified Grassland Habitat – western field (view east).



Photo 2. Modified Grassland Habitat – western field (view north-west).



Photo 3. Modified Grassland Habitat – eastern field (view north-west).



Photo 4. Modified Grassland Habitat – eastern field (view east).



Photo 5. Bramble Scrub Habitat.



Photo 6. Mixed Scrub Habitat.



Photo 7. Watercourse to the north of the Site.



Photo 8. Oak tree within central region of the Site.



Photo 9. Footpath and mature trees to the west of the Site.



Photo 11. Woodland to the north of the Site.



Appendix 3. WYJS Records & Site Plans

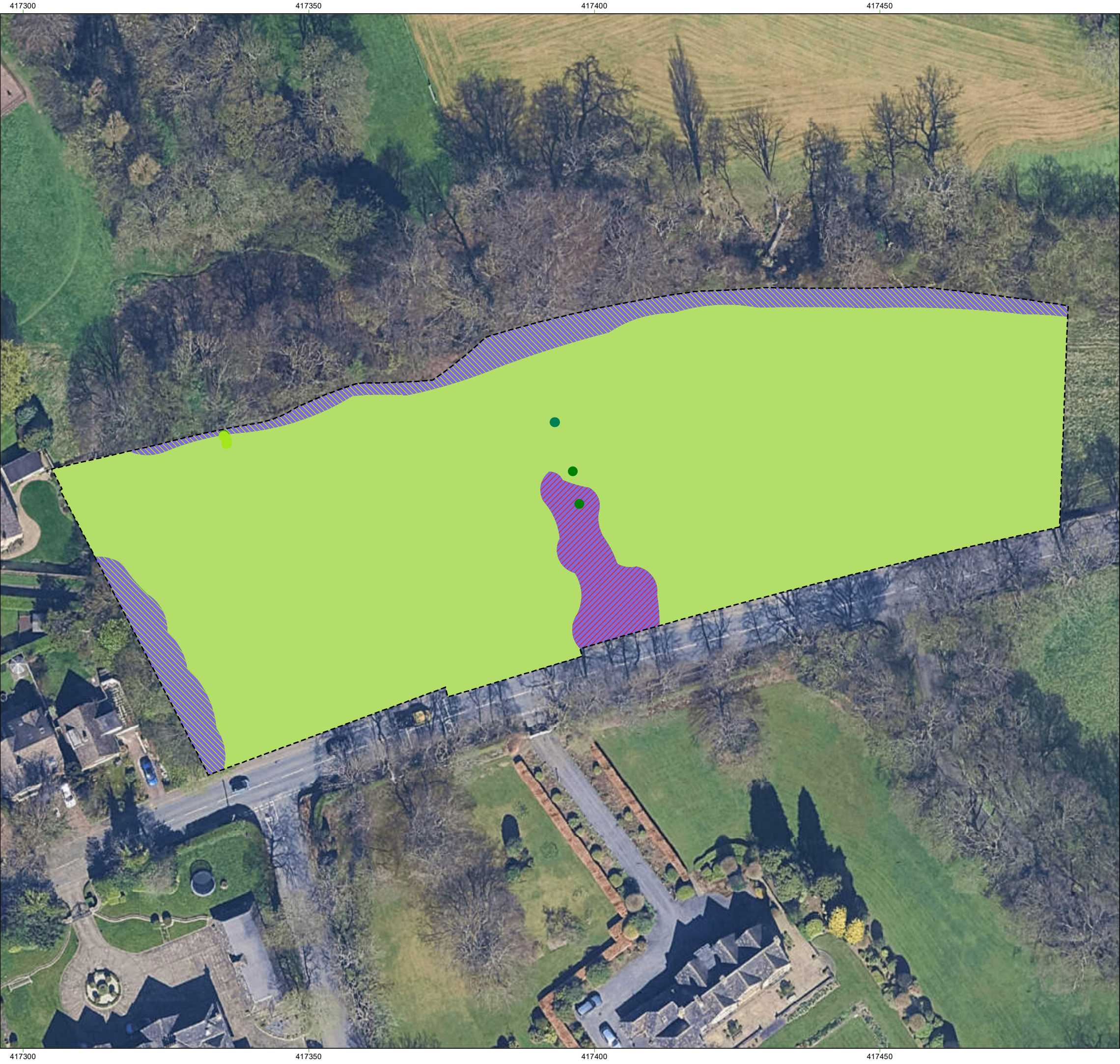
Includes:

Figure 2: On-Site Baseline Habitat Plan

Figure 3: On-Site Proposed Habitat Plan

Existing and Proposed Plans

WYJS Records



Survey Information	
	Site boundary (8,959.5m ²)
UKHab Habitat Results	
	g4 - Modified grassland (7,942.5m ²)
	h3d - Bramble scrub (710.4m ²)
	h3h - Mixed scrub (306.6m ²)
	Small tree

PROJECT TITLE
LAND AT FENAY LANE, HUDDERSFIELD

DRAWING TITLE
Figure 2: Baseline Habitat Map

VER	DATE	REMARKS	Drawn	Checked
1.0	30/04/26	Baseline	MP	TM

DRAWING NUMBER:
ValeEcology/FenayLane/Baseline

SCALE	1:650	PLOT SIZE	A3	DATUM	OSGB	PROJECTION	BNG
-------	-------	-----------	----	-------	------	------------	-----

Source:
Ordnance Survey © Crown copyright 2026, All rights reserved. License Number 100049837.

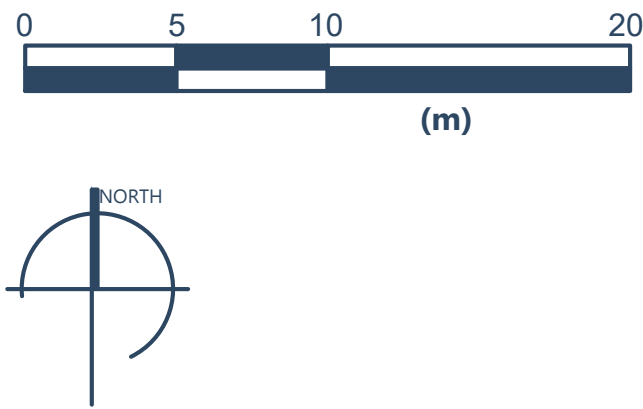




Survey Information	
	Site boundary (8,959.5m ²)
UKHab Habitat Results	
	g4 - Modified grassland (1,154.9m ²)
	h3h - Mixed scrub (264.4m ²)
	h3h - Mixed scrub, newly planted (255.2m ²)
	u1b - Developed land; sealed surface (2,327.8m ²)
	u1b5 - Building (1,380.9m ²)
	828 - Vegetated garden (3,357.6m ²)
	848 - Sustainable drainage system (176.7m ²)
	847 - Introduced shrub (42.0m ²)
	h2a - Native hedgerow (87.9m)
	h2b - Non-native and ornamental hedgerow (17.8m)
	Small tree, newly planted (19)

Designer Notes Under CDM Regs 2015

1. The design information presented on this drawing has been prepared with due regard to the role of the designer under the CDM Regs 2015.
2. Contractor to provide method statement for undertaking works within service zones and easements.
3. Where possible, this design has taken due care to eliminated hazards and reduced risks.

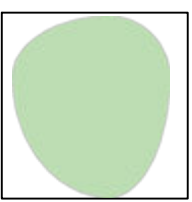


Revision

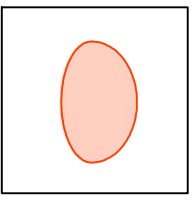
Rev. A 11.06.26 Proposals updated.
Rev. B 06.07.26 Issued for Planning.



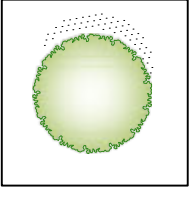
KEY



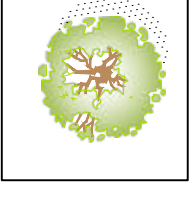
EXISTING TREES RETAINED
Refer to Arboricultural Survey for details.
Managed to promote biodiversity.



EXISTING TREES REMOVED
Refer to Arboricultural Impact Assessment for details.



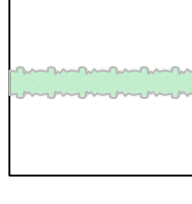
PROPOSED NATIVE TREES
Species to include: Betula pubescens, Crataegus monogyna, Sorbus aucuparia. Details 10-12cm girth, 3.5-4.0m high, rootballed.



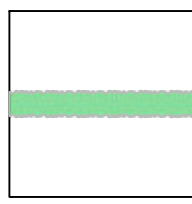
PROPOSED AMENITY TREES
Species to include: Amelanchier alnifolia 'Obelisk', Malus baccata 'Street Parade', Prunus sargentii 'Rancho'. Details: EHS 14-16cm girth, 4.0-5.0m high, rootballed.



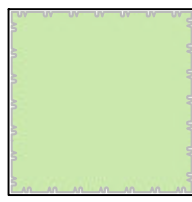
PROPOSED NATIVE SCRUB PLANTING
1+1 transplant bare root stock planted at 1no./m2 with rabbit protection. Species to include: Cornus sanguinea, Corylus avellana, Crataegus monogyna, Prunus spinosa, Rosa canina, Salix caprea. Planting to be underseeded with shade tolerant grass mix eg Emorsgate Hedgerow & Woodland Mix EG9 at 5g/m2 or similar.



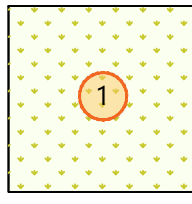
PROPOSED NATIVE HEDGEROW
Bareroot transplants 1+1 60-90cm high planted at 5no./lin.m. Species to include: 50% Crataegus monogyna 20% Prunus spinosa 10% Corylus avellana 8% Acer campestre 7% Ilex aquifolium (3L) 5% Rosa canina



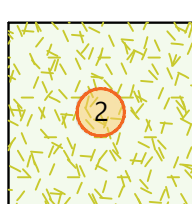
PROPOSED SINGLE SPECIES HEDGEROW
Bareroot transplants 1+1 60-90cm high planted at 5no./lin.m. Species to include: Carpinus betulus



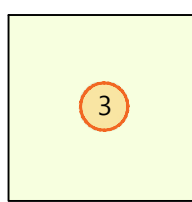
PROPOSED GROUNDCOVER PLANTING
Flower-rich ornamental shrub and herbaceous plants. 3L high 30-40cm high. Planted at 3-5no. m2. Species to include: Amelanchier lamarkii, Cornus alba 'Sibirica', Spiraea betulifolia 'Tor', Potentilla fruticosa 'Abbotswood', Lavandula angustifolia 'Hidcote', Geranium macrorrhizum 'Ingwersen's Variety', Bergenia cordifolia, Nepeta x faassenii 'Walker's Low', Stachys byzantina, Deschampsia cespitosa 'Goldtau', Spiraea japonica 'Little Princess' and Hylotelephium 'Herbstfreude'.



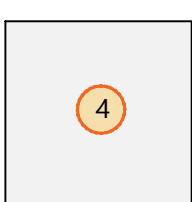
PROPOSED SPECIES RICH GRASS
Seeded with Meadow mixture eg Emorsgate EM3 Special General Purpose Mixture at 4g/m2.



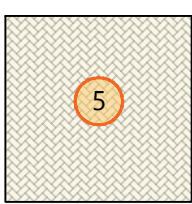
PROPOSED ATTENUATION BASIN GRASS MIX
Seeded with Meadow mixture eg Emorsgate EM8 Meadow Mixture for Wetlands at 4g/m2.



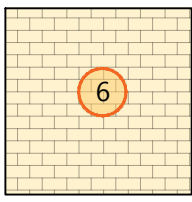
PROPOSED AMENITY GRASS
Seeded with amenity lawn mix eg Emorsgate EL1 Mix at 5g/m2 or similar.



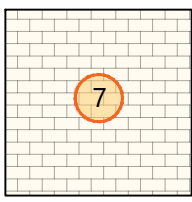
PROPOSED MACADAM SURFACING
To Engineers details



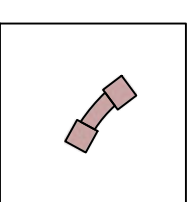
PROPOSED PERMEABLE BLOCK PAVING
Marshalls 'Drievsett Tegula Priora' Colour: Traditional or similar approved.



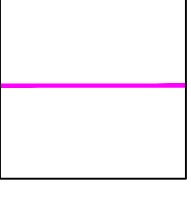
PROPOSED NATURAL STONE FLAG PAVING
Natural stone paving to front gardens shall comprise good-quality external-grade stone paving slabs, selected to complement the local architectural character, with colour, texture and finish to be agreed prior to installation. Paving shall be suitable for external pedestrian use and laid to falls on an appropriate free-draining sub-base and bedding construction, with joints pointed or filled to provide a neat, stable and durable surface.



PROPOSED CONCRETE FLAG PAVING
Concrete flag paving to rear garden patios and paths shall comprise good-quality precast concrete paving flags, colour and finish to be agreed, suitable for domestic pedestrian use. Paving flags shall comply with BS EN 1339:2003 and shall be laid to falls on an appropriate compacted sub-base and bedding construction, with neat joints and stable restraint to edges where required.



PROPOSED BOUNDARY WALLS
Walling shall be reclaimed double-faced drystone construction with irregular coursing, slight traditional batter, well-packed hearting, regular through-stones/tie-stones, and locally appropriate upright or sloped coping stones. Wall heights, driveway interfaces, visibility splays and any retaining or structural requirements shall be confirmed with the engineer/local highway authority, with any engineered walls faced in matching natural stone.



PROPOSED CLOSE BOARDED TIMBER FENCE
Proposed close-boarded timber fencing shall be 1.8m high and constructed in accordance with BS 1722-5:2006+A1:2018, using pressure-treated softwood posts, rails, gravel boards and vertical feather-edge boards.



T: 07739 083770 info@studio413.co.uk

Client

Vesta Property Group

Project Name

Land off Fenay Lane, Almondbury

Project No.

LDP-26-P317

Dwg. No.

1001

Dwg. Title

Landscape Proposals

Revision

B

Status

PLANNING

Date

05.05.26

Scale

1:250@A1

Drawn By

MJB

Reviewed

-

Filepath



West Yorkshire Ecology Service
West Yorkshire Joint Services
Nepshaw Lane South
Morley
Leeds
LS27 0QP | LS27 7JQ (Sat Nav)
Tel: 0113 535 3015
Email: ecology@wyjs.org.uk

ECOLOGICAL RECORDS SEARCH

FOR

LAND AT FENAY LANE, HUDDERSFIELD

Ref No:- 20260622 K1517 LM

Date: 23/06/2026

Prepared For Thomas McQuillan

Vale Ecology Ltd

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1 Introduction

This report provides a summary of the protected and notable species, habitats and designated sites information held by West Yorkshire Ecology Service (WYES) within 2km of grid reference SE 1742 1531.

The information within this report is supplied subject to WYES's 'Terms and Conditions', which can be viewed on the WYES website [170426-terms-and-conditions-of-data-supply-and-use-allowing-for-use-as-gis-format.pdf](https://www.wyjs.org.uk/170426-terms-and-conditions-of-data-supply-and-use-allowing-for-use-as-gis-format.pdf) (wyjs.org.uk)

2 Species

Please see Appendix E for records held by WYES within your defined search area.

2.1 SENSITIVE SPECIES RECORDS

2.1.1 Badgers

West Yorkshire Ecology Service holds no badger information within 200m of your site. However please see separate excel spreadsheet for additional information such as closest sett records and increased probability of badger activity within your search area.

See Appendix D for an explanation to the supply of badger data.

3 Designated sites

3.1 INTERNATIONALLY/NATIONALLY DESIGNATED SITES

There are no internationally/nationally designated sites within your search area.

3.2 LOCALLY DESIGNATED SITES

The following Non-Statutory sites are found within the search area, and are shown on Fig 1.

Name of Site	Designation
Almondbury Common	Local Wildlife Site
Arkenley Lane	Local Wildlife Site
Arthur, Molly Carr and Roaf Woods	Local Wildlife Site
Carr Wood	Local Wildlife Site
Gawthorpe Lower Wood	Local Wildlife Site
Lepton Great Wood	Local Wildlife Site
Longley Hill Plantation	Local Wildlife Site
Round Wood, Tandem	Local Wildlife Site

Explanations for designated sites are provided in Appendix B.

Citations for locally designated sites are provided in Appendix C.

All West Yorkshire Local Wildlife Sites have a summary citation which shows the site boundary and summary reasons for designation. Please note however that not all Local Wildlife Site citations will include assessment and/or report documentation. Further information on site selection criteria and codes can be found on our website www.wyjs.org.uk/ecology/local-sites/

There are no local Statutory designated sites within your search area.

4 Habitats

4.1 WILDLIFE HABITAT NETWORK

Your site centroid does not lie within the Kirklees Wildlife Habitat Network. See Figure 1 for Wildlife Habitat Network data.

4.2 ANCIENT WOODLAND

The West Yorkshire Ancient Woodland Inventory (updated 2024) includes woodland and wood pasture sites that are over 0.25ha in size and defined as irreplaceable habitat.

Ancient woodland is land that has had continuous woodland cover since at least 1600 AD. It includes:

- Ancient semi-natural woodland, which retains a native tree and shrub cover;
- Plantation on ancient woodland sites, replanted with non-native (conifer or broadleaved) trees that retain ancient woodland features, such as undisturbed soils, ground flora and fungi.
- Ancient wood pasture parkland, a mosaic habitat typically comprising open-grown veteran trees and scrub growing in an open habitat, such as grassland or heathland.
- Infilled ancient wood pasture parkland, which has become infilled with trees arising from planting or natural regeneration.

There are no areas of land included within the Ancient Woodland Inventory within 100m of your site centroid.

4.3 UK PRIORITY HABITATS

Natural England creates, maintains and publishes priority habitat inventories across the UK. Detailed habitats can be supplied and mapped upon request (at an additional fee), or can be found at <https://magic.defra.gov.uk/MagicMap.aspx> > Habitats and Species > Habitats or

[Priority Habitats Inventory \(England\) | Natural England Open Data Geoportal](#)

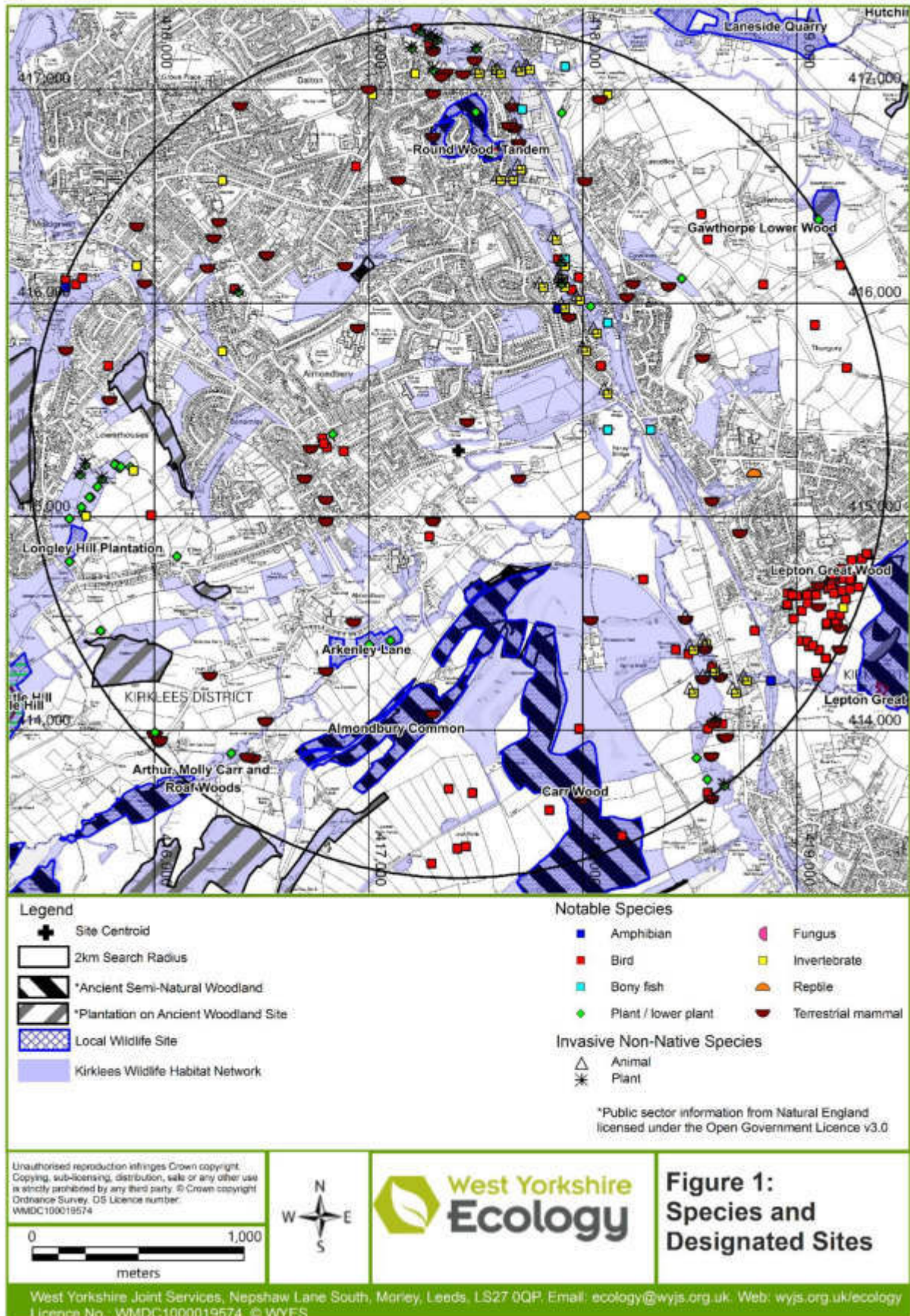
Please see the metadata description sheet produced by Natural England for further information. The terms of use for Natural England's Information and Data can be found at the following web site: <http://www.naturalengland.org.uk/copyright/>.

Please note that WYES has combined priority main habitats with those classified as additional habitats.

The habitats identified within 500m of your search area are:

- Deciduous woodland
- Traditional orchards

Figure 1 – Species and Designated Sites



Appendix A. Explanation of Species Designations

Wildlife and Countryside Act 1981 (WCA) – main designations cited

Abbreviation	Full Name	Description	Offences include, but not limited to
Sch1_part1	Schedule 1, Part 1	Birds which are protected by special penalties at all times	- disturbance of any specially protected bird while it is building its nest; - disturbance of any specially protected bird while it is near a nest containing eggs or young; or - disturbance of the young of any of these birds before they are wholly independent.
Sch1_part2	Schedule 1, Part 2	Birds which are protected by special penalties during the close season	
Sch5_s9.1a Sch5_s9.1b	Schedule 5, Section 9(1)(a), (b)	Animals which are protected from killing and/or taking	intentional killing, injuring and/or taking NB: certain species are only partly protected by this section. Check primary legislation for details.
Sch5_s9.4a, Sch5_s9.4b, Sch5_s9.4c	Schedule 5, Section 9(4)(a), (b), (c)	Animals which are protected whilst sheltering	- damage to, destruction of any structure or place used by a scheduled animal for shelter or protection - disturbance of animal occupying such a structure or place - obstruction of access of animal to such a structure or place
Sch5_s9.5a, Sch5_s9.5b	Schedule 5, Section 9(5)(a), (b)	Animals which are protected from sale	- selling, offering for sale, possessing or transporting for the purpose of sale (live or dead animal, part or derivative); and - advertising for buying or selling such things
Sch8	Schedule 8	Plants which are protected	- pick, uproot, trade in, or possess (for the purposes of trade) - selling, offering for sale, possessing or transporting for the purpose of sale, any plant (live or dead, part or derivative) + advertising for buying or selling such things. NB: certain species are only partly protected by this section. Check primary legislation for details.
Sch9_Part1	Schedule 9, Part 1	Animals which are established in the wild.	- the release of animals and planting of plants listed in Schedule 9. - the above offences can be made legal through the granting of licences by the appropriate authorities. NB: Animals that are listed in both WCA Sch1 and WCA Sch9_Part1A refers to captive bred only.
Sch9_Part2	Schedule 9, Part 2	Plants which are established in the wild.	

Conservation of Habitats and Species Regulations 2017 (as amended) (HabReg)

Abbreviation

HabReg-Sch2

HabReg-Sch4

HabReg-Sch5

Description

Schedule 2: European protected species of animals

Schedule 4: Animals which may not be taken or killed in certain ways

Schedule 5: European protected species of plants

Birds of Conservation Concern (BoCC) 2021

List

BoCC-Red

BoCC-Amber

Description

High conservation concern

Medium conservation concern

Red Data Book (RDB-) Categories (England/Great Britain) – Based on IUCN Guidelines

Abbreviation	Full Name	Other Abbreviations	Full Name
RDB-NT	Near Threatened	RDB-EW	Extinct in the Wild
RDB-VU	Vulnerable	RDB-PE	Presumed Extinct
RDB-EN	Endangered		
RDB-CR	Critically Endangered	-Brd / -NonBrd	Breeding/Non-Breeding
RDB-RE	Regionally Extinct	GRL-	Global Red List status
RDB-EX	Extinct		

Spider Amber List

Scarce and threatened spiders (Araneae) of Great Britain (2017) - based on IUCN Guidelines

Biodiversity Action Plans

Abbreviation	Full Name
NERC_s41	Species of Principal Importance under the Natural Environment and Rural Communities (NERC) Act, Section 41 (UK Biodiversity Action Plan)
WYBAP	West Yorkshire Priority Species List
Bradford BAP	Bradford Biodiversity Action Plan
Calderdale BAP	Calderdale Biodiversity Action Plan
Kirklees BAP	Kirklees Biodiversity Action Plan
Leeds BAP	Leeds Biodiversity Action Plan
Wakefield BAP	Wakefield Biodiversity Action Plan

Nationally Notable Invertebrates

Abbreviation	Full Name	Description
NR	Nationally Rare	found in 15 or fewer hectads
NS	Nationally Scarce	found in 16 - 100 hectads
-Includes		Includes IUCN qualifying species
-Excludes		Excludes IUCN qualifying species

Locally Notable Plants - Vice County 63 Local Red Data Book (VC63):

The compilation of the Provisional Vascular Plant Red Data list for VC 63 has been undertaken utilising six separate selected categories to accommodate all taxa under consideration. These categories are: 1) Native Species; 2) Native Species Presumed Extinct in the VC; 3) Hybrids; 4) Archaeophytes; 5) Grey Area Species – Native or Introduced; and 6) Unconfirmed Species. The descriptions give VC 63 status of the species – (based on data collected during the past 40 years, and/or on observation/evidence). In all six categories, the checklist order follows (Stace, 2010).

Abbreviation:	Description (VC63):	Further Details:
VC63:Arch	Archaeophyte	Archaeophyte = species naturalised before 1500AD.
VC63:Cs	Casual only	
VC63:Hyb	Hybrid	
VC63:Int	Introduced	
VC63:Int,Nv	Introduced &/or Native	Casual = Native species unable to persist for more than c. 5 years, and therefore dependent on constant reintroduction.
VC63:Loc	Local	
VC63:NMR	No modern records	
VC63:Ptd	Planted	Extinct in VC63 = species for which no records have been received for around 20 years and which may now be presumed to be extinct in VC 63.
VC63:PE(VC)	Presumed extinct in VC63	
VC63:Unc	Unconfirmed	Unconfirmed = species which has been reported as occurring, but has never been confirmed.
-Occ	Occasional	
-R	Rare	
-RR	Very rare	
-Src	Scarce	
-Sct	Scattered	

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Appendix B. Explanation of Designated Sites

Internationally Designated Sites

Special Protection Areas (SPA)

SPA are European designated sites. They are identified by JNCC/Natural England as being of interest for their bird populations. They are of international importance and have statutory protection.

Special Areas of Conservation (SAC)

SAC are European designated sites. They are identified by JNCC/Natural England as being of interest for their habitat type and species. They are of international importance and have statutory protection.

Nationally Designated Sites

Sites of Special Scientific Interest (SSSI)

SSSI are first-tier sites for conservation. They are areas identified by Natural England as being of interest by reason of their flora, fauna, geological or physiological features. They are of national importance and have statutory protection.

Locally Designated Sites

Local Wildlife Sites (LWS)

This is the term for non-statutory designated nature conservation sites of West Yorkshire significance. This term replaces Sites of Ecological or Geological Importance (SEGI), Sites of Scientific Interest (SSI), Bradford Wildlife Areas (BWA), Leeds Nature Areas (LNA), Kirklees Sites of Wildlife Significance (SWS) and Wakefield Nature Areas (WNA)) into a single Local Wildlife Site (LWS) designation. Sites should be given the same protection as SEGIs/SSIs as set out in UDPs/LDFs. Please refer to the link below for the West Yorkshire Local Wildlife Site Selection Criteria.

<https://www.wyjs.org.uk/ecology/local-sites/>

Local Nature Reserves (LNR)

LNRs are statutory sites of district-wide importance for the enjoyment, study or conservation of wildlife, geological features and landforms, but there is seldom detailed ecological information on record for them. For more information on LNRs see <https://designatedsites.naturalengland.org.uk/SiteSearch.aspx>

Local Geological Sites (LGS)

LGS are areas identified as being important for their geological features. More details of this or other LGS sites can be obtained from the West Yorkshire Geology Trust (team@wyorksgeologytrust.org).

Wildlife Habitat Network

The Wildlife Habitat Network aims to meet the requirements of the National Planning Policy Framework: Conserving and enhancing the natural environment – *“Planning policies and decisions should contribute to and enhance the natural and local environment by*

...establishing coherent ecological networks that are more resilient to current and future pressures...” and “To protect and enhance biodiversity and geodiversity plans should... identify, map and safeguard components of local wildlife-rich habitats and wider ecological networks including the hierarchy of international, national and locally designated sites of importance for biodiversity; wildlife corridors and stepping stones that connect them”.

Kirklees

Wildlife Habitat Network data for Kirklees can be found on the link below:

[Kirklees Council - Kirklees Local Plan - Strategy and Policies - 13 Natural environment](#)

Great Crested Newt District Level Licensing (DLL)

Great crested newt DLL is currently available as an option for developers in Leeds and Wakefield Districts, but not in Bradford, Calderdale or Kirklees. This scheme provides applicants with a choice to either undertake the traditional methods of surveying and trapping-out development sites or to not undertake such work and to pay for standard mitigation within Strategic Opportunity Areas (SOA). This pays for habitat which has already been created for this purpose in advance of development by Natural England. Details for this scheme can be found at:

<https://www.gov.uk/government/publications/great-crested-newts-district-level-licensing-schemes>.

Appendix C. Designated Site Citations

Please see the accompanying folder for local site citations.

Appendix E. Species Records

Notable Species

Grid Ref	Common Name	Latin Name	Taxon Group	Date	Record Type	Abundance	Designation	Distance from site centroid (m)
SE156161	Common Frog	<i>Rana temporaria</i>	amphibian	06/04/2020	field record		Sch5_s9.5a; WYBAP	1,979
SE156161	Common Frog	<i>Rana temporaria</i>	amphibian	06/04/2020	field record		Sch5_s9.5a; WYBAP	1,979
SE179160	Common Frog	<i>Rana temporaria</i>	amphibian	27/06/2005	field record	1 Count of Adult; 1000 Count of Juvenile	Sch5_s9.5a; WYBAP	840
SE1889514259	Common Frog	<i>Rana temporaria</i>	amphibian	15/03/2017	Spawn		Sch5_s9.5a; WYBAP	1,808
SE18821446	Barn Owl	<i>Tyto alba</i>	bird	08/06/2020	field record	1 Count	Sch1_part1; WCA-Sch9_part1A; WYBAP; Kirklees BAP	1,634
SE1615	Black-headed Gull	<i>Chroicocephalus ridibundus</i>	bird	1970 - 1988	field record		RDB-VU:NonBrd; BoCC-Amber	1,450
SE1814	Brambling	<i>Fringilla montifringilla</i>	bird	1970 - 1988	field record		Sch1_part1	1,431
SE1615	Bullfinch	<i>Pyrrhula pyrrhula</i>	bird	1970 - 1988	field record		BoCC-Amber; WYBAP; Kirklees BAP	1,450
SE16391606	Bullfinch	<i>Pyrrhula pyrrhula</i>	bird	24/01/2018	field record		BoCC-Amber; WYBAP; Kirklees BAP	1,272
SE1814	Bullfinch	<i>Pyrrhula pyrrhula</i>	bird	1970 - 1988	field record		BoCC-Amber; WYBAP; Kirklees BAP	1,431
SE1615	Collared Dove	<i>Streptopelia decaocto</i>	bird	1970 - 1988	field record		RDB-NT:Brd	1,450
SE1796416054	Collared Dove	<i>Streptopelia decaocto</i>	bird	27/06/2005	field record		RDB-NT:Brd	921
SE1814	Collared Dove	<i>Streptopelia decaocto</i>	bird	1970 - 1988	field record		RDB-NT:Brd	1,431
SE175137	Cuckoo	<i>Cuculus canorus</i>	bird	21/05/2016	field record	2 Count	NERC_s41; RDB-VU:Brd; BoCC-Red; WYBAP	1,611

Grid Ref	Common Name	Latin Name	Taxon Group	Date	Record Type	Abundance	Designation	Distance from site centroid (m)
SE1814	Cuckoo	<i>Cuculus canorus</i>	bird	1970 - 1988	field record		NERC_s41; RDB-VU:Brd; BoCC-Red; WYBAP	1,431
SE173172	Dipper	<i>Cinclus cinclus</i>	bird	10/08/2001	field record	1 Count of Adult	RDB-NT:Brd; BoCC-Amber	1,893
SE176167	Dipper	<i>Cinclus cinclus</i>	bird	10/08/2001	field record	1 Count of Adult	RDB-NT:Brd; BoCC-Amber	1,401
SE183147	Dipper	<i>Cinclus cinclus</i>	bird	25/08/2001	field record	2 Count of Adult	RDB-NT:Brd; BoCC-Amber	1,069
SE18451437	Dipper	<i>Cinclus cinclus</i>	bird	15/09/2001	field record	1 Count of Adult	RDB-NT:Brd; BoCC-Amber	1,392
SE18511435	Dipper	<i>Cinclus cinclus</i>	bird	15/09/2001	field record	2 Count of Adult	RDB-NT:Brd; BoCC-Amber	1,450
SE18621429	Dipper	<i>Cinclus cinclus</i>	bird	15/09/2001	field record	1 Count of Adult	RDB-NT:Brd; BoCC-Amber	1,572
SE16391606	Dunnock	<i>Prunella modularis</i>	bird	24/01/2018	field record		BoCC-Amber; WYBAP; Kirklees BAP	1,272
SE1680715336	Dunnock	<i>Prunella modularis</i>	bird	13/08/2008	field record		BoCC-Amber; WYBAP; Kirklees BAP	612
SE1682215316	Dunnock	<i>Prunella modularis</i>	bird	13/08/2008	field record		BoCC-Amber; WYBAP; Kirklees BAP	596
SE169153	Dunnock	<i>Prunella modularis</i>	bird	13/08/2008	field record		BoCC-Amber; WYBAP; Kirklees BAP	519
SE1796416054	Dunnock	<i>Prunella modularis</i>	bird	27/06/2005	field record		BoCC-Amber; WYBAP; Kirklees BAP	921
SE1799816113	Dunnock	<i>Prunella modularis</i>	bird	09/02/2004	field record	1 Count	BoCC-Amber; WYBAP; Kirklees BAP	988
SE1814	Dunnock	<i>Prunella modularis</i>	bird	1970 - 1988	field record		BoCC-Amber; WYBAP; Kirklees BAP	1,431
SE1897214583	Dunnock	<i>Prunella modularis</i>	bird	10/05/2017	field record	1 Count	BoCC-Amber; WYBAP; Kirklees BAP	1,710
SE1903714412	Dunnock	<i>Prunella modularis</i>	bird	09/06/2017	field record	1 Count	BoCC-Amber; WYBAP; Kirklees BAP	1,845

Grid Ref	Common Name	Latin Name	Taxon Group	Date	Record Type	Abundance	Designation	Distance from site centroid (m)
SE1906414627	Dunnock	<i>Prunella modularis</i>	bird	09/06/2017	field record	1 Count	BoCC-Amber; WYBAP; Kirklees BAP	1,776
SE1906514410	Dunnock	<i>Prunella modularis</i>	bird	10/05/2017	field record	1 Count	BoCC-Amber; WYBAP; Kirklees BAP	1,871
SE1910814627	Dunnock	<i>Prunella modularis</i>	bird	10/05/2017	field record	1 Count	BoCC-Amber; WYBAP; Kirklees BAP	1,816
SE1916314656	Dunnock	<i>Prunella modularis</i>	bird	18/04/2017	field record	1 Count	BoCC-Amber; WYBAP; Kirklees BAP	1,857
SE1917714672	Dunnock	<i>Prunella modularis</i>	bird	10/05/2017	field record	1 Count	BoCC-Amber; WYBAP; Kirklees BAP	1,865
SE1918214722	Dunnock	<i>Prunella modularis</i>	bird	09/06/2017	field record	1 Count	BoCC-Amber; WYBAP; Kirklees BAP	1,853
SE1919414634	Dunnock	<i>Prunella modularis</i>	bird	18/04/2017	field record	1 Count	BoCC-Amber; WYBAP; Kirklees BAP	1,894
SE1922414748	Dunnock	<i>Prunella modularis</i>	bird	18/04/2017	field record	1 Count	BoCC-Amber; WYBAP; Kirklees BAP	1,885
SE1922514646	Dunnock	<i>Prunella modularis</i>	bird	10/05/2017	field record	1 Count	BoCC-Amber; WYBAP; Kirklees BAP	1,918
SE1927214790	Dunnock	<i>Prunella modularis</i>	bird	09/06/2017	field record	1 Count	BoCC-Amber; WYBAP; Kirklees BAP	1,919
SE1814	Fieldfare	<i>Turdus pilaris</i>	bird	1970 - 1988	field record		Sch1_part1; RDB-CR(PE):Brd; BoCC-Red	1,431
SE156161	Goldfinch	<i>Carduelis carduelis</i>	bird	30/04/2020	field record	1 Count	; Kirklees BAP	1,979
SE16391606	Goldfinch	<i>Carduelis carduelis</i>	bird	24/01/2018	field record		; Kirklees BAP	1,272
SE1796416054	Goldfinch	<i>Carduelis carduelis</i>	bird	27/06/2005	field record		; Kirklees BAP	921
SE1814	Goldfinch	<i>Carduelis carduelis</i>	bird	1970 - 1988	field record		; Kirklees BAP	1,431
SE1901614622	Goldfinch	<i>Carduelis carduelis</i>	bird	10/05/2017	field record	1 Count	; Kirklees BAP	1,734

Grid Ref	Common Name	Latin Name	Taxon Group	Date	Record Type	Abundance	Designation	Distance from site centroid (m)
SE1912014367	Goldfinch	<i>Carduelis carduelis</i>	bird	09/06/2017	field record	1 Count	; Kirklees BAP	1,940
SE1912014369	Goldfinch	<i>Carduelis carduelis</i>	bird	10/05/2017	field record	1 Count	; Kirklees BAP	1,939
SE1919814494	Goldfinch	<i>Carduelis carduelis</i>	bird	10/05/2017	field record	1 Count	; Kirklees BAP	1,952
SE1934914815	Goldfinch	<i>Carduelis carduelis</i>	bird	18/04/2017	field record	4 Count	; Kirklees BAP	1,986
SE1615	Greenfinch	<i>Chloris chloris</i>	bird	1970 - 1988	field record		RDB-EN:Brd; BoCC-Red	1,450
SE1814	Greenfinch	<i>Chloris chloris</i>	bird	1970 - 1988	field record		RDB-EN:Brd; BoCC-Red	1,431
SE17241728	Grey Wagtail	<i>Motacilla cinerea</i>	bird	17/07/2002 - 12/02/2004	field observation		RDB-NT:Brd; BoCC-Amber	1,977
SE179162	Grey Wagtail	<i>Motacilla cinerea</i>	bird	11/08/2018	field record	1 Count	RDB-NT:Brd; BoCC-Amber	1,010
SE1796416054	Grey Wagtail	<i>Motacilla cinerea</i>	bird	27/06/2005	field record		RDB-NT:Brd; BoCC-Amber	921
SE1615	House Sparrow	<i>Passer domesticus</i>	bird	1970 - 1988	field record		NERC_s41; BoCC-Red; WYBAP; Kirklees BAP	1,450
SE16391606	House Sparrow	<i>Passer domesticus</i>	bird	24/01/2018	field record		NERC_s41; BoCC-Red; WYBAP; Kirklees BAP	1,272
SE17241728	House Sparrow	<i>Passer domesticus</i>	bird	17/07/2002 - 12/02/2004	field observation		NERC_s41; BoCC-Red; WYBAP; Kirklees BAP	1,977
SE1796416054	House Sparrow	<i>Passer domesticus</i>	bird	27/06/2005	field record		NERC_s41; BoCC-Red; WYBAP; Kirklees BAP	921
SE186140	House Sparrow	<i>Passer domesticus</i>	bird	05/08/2015	field record		NERC_s41; BoCC-Red; WYBAP; Kirklees BAP	1,760

Grid Ref	Common Name	Latin Name	Taxon Group	Date	Record Type	Abundance	Designation	Distance from site centroid (m)
SE1896914579	House Sparrow	<i>Passer domesticus</i>	bird	09/06/2017	field record	1 Count	NERC_s41; BoCC-Red; WYBAP; Kirklees BAP	1,709
SE1897414634	House Sparrow	<i>Passer domesticus</i>	bird	09/06/2017	field record	1 Count	NERC_s41; BoCC-Red; WYBAP; Kirklees BAP	1,691
SE1899514627	House Sparrow	<i>Passer domesticus</i>	bird	10/05/2017	field record	4 Count	NERC_s41; BoCC-Red; WYBAP; Kirklees BAP	1,713
SE1908614638	House Sparrow	<i>Passer domesticus</i>	bird	18/04/2017	field record	1 Count	NERC_s41; BoCC-Red; WYBAP; Kirklees BAP	1,792
SE1916014674	House Sparrow	<i>Passer domesticus</i>	bird	10/05/2017	field record	1 Count	NERC_s41; BoCC-Red; WYBAP; Kirklees BAP	1,848
SE1918114706	House Sparrow	<i>Passer domesticus</i>	bird	10/05/2017	field record	1 Count	NERC_s41; BoCC-Red; WYBAP; Kirklees BAP	1,857
SE1918514709	House Sparrow	<i>Passer domesticus</i>	bird	09/06/2017	field record	1 Count	NERC_s41; BoCC-Red; WYBAP; Kirklees BAP	1,860
SE1919514698	House Sparrow	<i>Passer domesticus</i>	bird	09/06/2017	field record	1 Count	NERC_s41; BoCC-Red; WYBAP; Kirklees BAP	1,873
SE1934314821	House Sparrow	<i>Passer domesticus</i>	bird	18/04/2017	field record	1 Count	NERC_s41; BoCC-Red; WYBAP; Kirklees BAP	1,979
SE1814	Kestrel	<i>Falco tinnunculus</i>	bird	1970 - 1988	field record		RDB-VU:Brd; BoCC-Amber; WYBAP; Kirklees BAP	1,431
SE1917714536	Kestrel	<i>Falco tinnunculus</i>	bird	09/06/2017	field record	1 Count	RDB-VU:Brd; BoCC-Amber; WYBAP; Kirklees BAP	1,915
SE173172	Kingfisher	<i>Alcedo atthis</i>	bird	10/08/2001	field record	1 Count of Adult	Sch1_part1	1,893
SE1796416054	Kingfisher	<i>Alcedo atthis</i>	bird	27/06/2005	field record		Sch1_part1	921

Grid Ref	Common Name	Latin Name	Taxon Group	Date	Record Type	Abundance	Designation	Distance from site centroid (m)
SE181157	Kingfisher	<i>Alcedo atthis</i>	bird	25/08/2001	field record	2 Count of Adult	Sch1_part1	782
SE1911314244	Kingfisher	<i>Alcedo atthis</i>	bird	18/04/2017	field record	1 Count	Sch1_part1	1,996
SE1910015890	Lapwing	<i>Vanellus vanellus</i>	bird	14/03/2000 - 17/07/2000	field record	1 Count of Breeding Pair	NERC_s41; RDB-EN:Brd; RDB-VU:NonBrd; BoCC-Red; WYBAP; Kirklees BAP	1,773
SE1925015690	Lapwing	<i>Vanellus vanellus</i>	bird	14/03/2000 - 17/07/2000	field record	2 Count of Breeding Pair	NERC_s41; RDB-EN:Brd; RDB-VU:NonBrd; BoCC-Red; WYBAP; Kirklees BAP	1,864
SE1814	Lesser Spotted Woodpecker	<i>Dryobates minor</i>	bird	1970 - 1988	field record		RDB-EN:Brd; BoCC-Red; WYBAP	1,431
SE1814	Linnet	<i>Linaria cannabina</i>	bird	1970 - 1988	field record		RDB-NT:Brd; BoCC-Red; WYBAP; Kirklees BAP	1,431
SE1857016410	Linnet	<i>Linaria cannabina</i>	bird	14/03/2000 - 17/07/2000	field record	1 Count of Breeding Pair	RDB-NT:Brd; BoCC-Red; WYBAP; Kirklees BAP	1,589
SE1919014666	Linnet	<i>Linaria cannabina</i>	bird	10/05/2017	field record	1 Count	RDB-NT:Brd; BoCC-Red; WYBAP; Kirklees BAP	1,879
SE1922016170	Linnet	<i>Linaria cannabina</i>	bird	14/03/2000 - 17/07/2000	field record	2 Count of Breeding Pair	RDB-NT:Brd; BoCC-Red; WYBAP; Kirklees BAP	1,990
SE1924414606	Linnet	<i>Linaria cannabina</i>	bird	18/04/2017	field record	2 Count	RDB-NT:Brd; BoCC-Red; WYBAP; Kirklees BAP	1,950
SE1925015690	Linnet	<i>Linaria cannabina</i>	bird	14/03/2000 - 17/07/2000	field record	2 Count of Breeding Pair	RDB-NT:Brd; BoCC-Red; WYBAP; Kirklees BAP	1,864
SE1799816113	Mallard	<i>Anas platyrhynchos</i>	bird	09/02/2004	field record	1 Count	RDB-NT:NonBrd; BoCC-Amber	988

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SE1920914503	Mallard	<i>Anas platyrhynchos</i>	bird	18/04/2017	field record	1 Count	RDB-NT:NonBrd; BoCC-Amber	1,958
SE1814	Mistle Thrush	<i>Turdus viscivorus</i>	bird	1970 - 1988	field record		RDB-VU:Brd; BoCC-Red	1,431
SE186137	Moorhen	<i>Gallinula chloropus</i>	bird	03/07/2013	field observation		RDB-VU:Brd; BoCC-Amber	1,994
SE17241728	Redshank	<i>Tringa totanus</i>	bird	17/07/2002 - 12/02/2004	field observation		RDB-NT:NonBrd, RDB-VU:Brd; BoCC-Amber	1,977
SE1814	Redwing	<i>Turdus iliacus</i>	bird	1970 - 1988	field record		Sch1_part1; RDB-CR:Brd; BoCC-Amber	1,431
SE1731013370	Skylark	<i>Alauda arvensis</i>	bird	15/04/2000 - 15/06/2000	field record	1 Count of Breeding Pair	NERC_s41; BoCC-Red; WYBAP; Kirklees BAP	1,942
SE1739013720	Skylark	<i>Alauda arvensis</i>	bird	15/04/2000 - 15/06/2000	field record	1 Count of Breeding Pair	NERC_s41; BoCC-Red; WYBAP; Kirklees BAP	1,590
SE1743013440	Skylark	<i>Alauda arvensis</i>	bird	15/04/2000 - 15/06/2000	field record	1 Count of Breeding Pair	NERC_s41; BoCC-Red; WYBAP; Kirklees BAP	1,869
SE1860016290	Skylark	<i>Alauda arvensis</i>	bird	14/03/2000 - 17/07/2000	field record	1 Count of Breeding Pair	NERC_s41; BoCC-Red; WYBAP; Kirklees BAP	1,531
SE1910015890	Skylark	<i>Alauda arvensis</i>	bird	14/03/2000 - 17/07/2000	field record	1 Count of Breeding Pair	NERC_s41; BoCC-Red; WYBAP; Kirklees BAP	1,773
SE1925015690	Skylark	<i>Alauda arvensis</i>	bird	14/03/2000 - 17/07/2000	field record	3 Count of Breeding Pair	NERC_s41; BoCC-Red; WYBAP; Kirklees BAP	1,864
SE1615	Song Thrush	<i>Turdus philomelos</i>	bird	1970 - 1988	field record		BoCC-Amber; WYBAP; Kirklees BAP	1,450
SE1814	Song Thrush	<i>Turdus philomelos</i>	bird	1970 - 1988	field record		BoCC-Amber; WYBAP; Kirklees BAP	1,431
SE1820013500	Song Thrush	<i>Turdus philomelos</i>	bird	15/04/2000 - 15/06/2000	field record	1 Count of Breeding Pair	BoCC-Amber; WYBAP; Kirklees BAP	1,969

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SE186137	Song Thrush	<i>Turdus philomelos</i>	bird	03/07/2013	field observation		BoCC-Amber; WYBAP; Kirklees BAP	1,994
SE1814	Sparrowhawk	<i>Accipiter nisus</i>	bird	1970 - 1988	field record		RDB-NT:Brd; BoCC-Amber	1,431
SE1814	Spotted Flycatcher	<i>Muscicapa striata</i>	bird	1970 - 1988	field record		NERC_s41; BoCC-Red; WYBAP; Kirklees BAP	1,431
SE1615	Starling	<i>Sturnus vulgaris</i>	bird	1970 - 1988	field record		RDB-VU:Brd; BoCC-Red; WYBAP; Kirklees BAP	1,450
SE1814	Starling	<i>Sturnus vulgaris</i>	bird	1970 - 1988	field record		RDB-VU:Brd; BoCC-Red; WYBAP; Kirklees BAP	1,431
SE1900214515	Starling	<i>Sturnus vulgaris</i>	bird	09/06/2017	field record	3 Count	RDB-VU:Brd; BoCC-Red; WYBAP; Kirklees BAP	1,766
SE1814	Stock Dove	<i>Columba oenas</i>	bird	1970 - 1988	field record		BoCC-Amber	1,431
SE1814	Swallow	<i>Hirundo rustica</i>	bird	1970 - 1988	field record		; WYBAP; Kirklees BAP	1,431
SE1866814024	Swallow	<i>Hirundo rustica</i>	bird	05/08/2015	nest		; WYBAP; Kirklees BAP	1,789
SE1915514486	Swallow	<i>Hirundo rustica</i>	bird	10/05/2017	field record	1 Count	; WYBAP; Kirklees BAP	1,916
SE1915514496	Swallow	<i>Hirundo rustica</i>	bird	10/05/2017	field record	1 Count	; WYBAP; Kirklees BAP	1,912
SE1695716632	Swift	<i>Apus apus</i>	bird	2010	field record		RDB-EN:Brd; BoCC-Red; WYBAP	1,400
SE17241728	Swift	<i>Apus apus</i>	bird	17/07/2002 - 12/02/2004	field observation		RDB-EN:Brd; BoCC-Red; WYBAP	1,977
SE1904014553	Swift	<i>Apus apus</i>	bird	09/06/2017	field record	1 Count	RDB-EN:Brd; BoCC-Red; WYBAP	1,784
SE1923014704	Swift	<i>Apus apus</i>	bird	09/06/2017	field record	1 Count	RDB-EN:Brd; BoCC-Red; WYBAP	1,904
SE156161	Tawny Owl	<i>Strix aluco</i>	bird	15/04/2020	field record		RDB-NT:Brd; BoCC-Amber	1,979

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SE15651608	Tawny Owl	<i>Strix aluco</i>	bird	09/05/2020	field record		RDB-NT:Brd; BoCC-Amber	1,926
SE158157	Tawny Owl	<i>Strix aluco</i>	bird	03/06/2020	field record		RDB-NT:Brd; BoCC-Amber	1,662
SE173149	Tawny Owl	<i>Strix aluco</i>	bird	23/07/2020	field record		RDB-NT:Brd; BoCC-Amber	427
SE1814	Tawny Owl	<i>Strix aluco</i>	bird	1970 - 1988	field record		RDB-NT:Brd; BoCC-Amber	1,431
SE1814	Tree Pipit	<i>Anthus trivialis</i>	bird	1970 - 1988	field record		NERC_s41; BoCC-Red; WYBAP; Kirklees BAP	1,431
SE1814	Tree Sparrow	<i>Passer montanus</i>	bird	1970 - 1988	field record		NERC_s41; RDB-VU:Brd; BoCC-Red; WYBAP; Kirklees BAP	1,431
SE1886016080	Tree Sparrow	<i>Passer montanus</i>	bird	14/03/2000 - 17/07/2000	field record		NERC_s41; RDB-VU:Brd; BoCC-Red; WYBAP; Kirklees BAP	1,629
SE17241728	Whitethroat	<i>Curruca communis</i>	bird	17/07/2002 - 12/02/2004	field observation		BoCC-Amber	1,977
SE17241728	Willow Warbler	<i>Phylloscopus trochilus</i>	bird	17/07/2002 - 12/02/2004	field observation		BoCC-Amber	1,977
SE1814	Willow Warbler	<i>Phylloscopus trochilus</i>	bird	1970 - 1988	field record		BoCC-Amber	1,431
SE1907214386	Willow Warbler	<i>Phylloscopus trochilus</i>	bird	10/05/2017	field record	1 Count	BoCC-Amber	1,889
SE17241728	Woodpigeon	<i>Columba palumbus</i>	bird	17/07/2002 - 12/02/2004	field observation		BoCC-Amber	1,977
SE1796416054	Woodpigeon	<i>Columba palumbus</i>	bird	27/06/2005	field record		BoCC-Amber	921
SE1814	Woodpigeon	<i>Columba palumbus</i>	bird	1970 - 1988	field record		BoCC-Amber	1,431
SE186137	Woodpigeon	<i>Columba palumbus</i>	bird	03/07/2013	field observation		BoCC-Amber	1,994

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SE1897414578	Woodpigeon	<i>Columba palumbus</i>	bird	18/04/2017	field record	1 Count	BoCC-Amber	1,714
SE1906714589	Woodpigeon	<i>Columba palumbus</i>	bird	10/05/2017	field record	1 Count	BoCC-Amber	1,794
SE1908914626	Woodpigeon	<i>Columba palumbus</i>	bird	10/05/2017	field record	1 Count	BoCC-Amber	1,799
SE1917514701	Woodpigeon	<i>Columba palumbus</i>	bird	18/04/2017	field record	1 Count	BoCC-Amber	1,853
SE1921914534	Woodpigeon	<i>Columba palumbus</i>	bird	18/04/2017	field record	1 Count	BoCC-Amber	1,954
SE1927214711	Woodpigeon	<i>Columba palumbus</i>	bird	18/04/2017	field record	1 Count	BoCC-Amber	1,941
SE1930514664	Woodpigeon	<i>Columba palumbus</i>	bird	10/05/2017	field record	1 Count	BoCC-Amber	1,988
SE1932014797	Woodpigeon	<i>Columba palumbus</i>	bird	10/05/2017	field record	1 Count	BoCC-Amber	1,963
SE15681611	Wren	<i>Troglodytes troglodytes</i>	bird	06/05/2020	field record		BoCC-Amber	1,911
SE16391606	Wren	<i>Troglodytes troglodytes</i>	bird	24/01/2018	field record		BoCC-Amber	1,272
SE1679915362	Wren	<i>Troglodytes troglodytes</i>	bird	13/08/2008	field record		BoCC-Amber	621
SE1680715336	Wren	<i>Troglodytes troglodytes</i>	bird	13/08/2008	field record		BoCC-Amber	612
SE1682215316	Wren	<i>Troglodytes troglodytes</i>	bird	13/08/2008	field record		BoCC-Amber	596
SE169153	Wren	<i>Troglodytes troglodytes</i>	bird	13/08/2008	field record		BoCC-Amber	519
SE17241728	Wren	<i>Troglodytes troglodytes</i>	bird	17/07/2002 - 12/02/2004	field observation		BoCC-Amber	1,977
SE1796416054	Wren	<i>Troglodytes troglodytes</i>	bird	27/06/2005	field record		BoCC-Amber	921

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SE1814	Wren	<i>Troglodytes troglodytes</i>	bird	1970 - 1988	field record		BoCC-Amber	1,431
SE1909014389	Wren	<i>Troglodytes troglodytes</i>	bird	18/04/2017	field record	1 Count	BoCC-Amber	1,903
SE1910614264	Wren	<i>Troglodytes troglodytes</i>	bird	10/05/2017	field record	1 Count	BoCC-Amber	1,980
SE1915214330	Wren	<i>Troglodytes troglodytes</i>	bird	10/05/2017	field record	1 Count	BoCC-Amber	1,986
SE1917714658	Wren	<i>Troglodytes troglodytes</i>	bird	10/05/2017	field record	1 Count	BoCC-Amber	1,869
SE1919014634	Wren	<i>Troglodytes troglodytes</i>	bird	09/06/2017	field record	1 Count	BoCC-Amber	1,890
SE1926414654	Wren	<i>Troglodytes troglodytes</i>	bird	10/05/2017	field record	1 Count	BoCC-Amber	1,952
SE1814	Yellow-browed Warbler	<i>Phylloscopus inornatus</i>	bird	1970 - 1988	field record		BoCC-Amber	1,431
SE1743013440	Yellowhammer	<i>Emberiza citrinella</i>	bird	15/04/2000 - 15/06/2000	field record	3 Count of Pair	NERC_s41; BoCC-Red; WYBAP	1,869
SE1747013450	Yellowhammer	<i>Emberiza citrinella</i>	bird	15/04/2000 - 15/06/2000	field record	1 Count of Breeding Pair	NERC_s41; BoCC-Red; WYBAP	1,860
SE1786013620	Yellowhammer	<i>Emberiza citrinella</i>	bird	15/04/2000 - 15/06/2000	field record	1 Count of Breeding Pair	NERC_s41; BoCC-Red; WYBAP	1,745
SE1814	Yellowhammer	<i>Emberiza citrinella</i>	bird	1970 - 1988	field record		NERC_s41; BoCC-Red; WYBAP	1,431
SE1925015690	Yellowhammer	<i>Emberiza citrinella</i>	bird	14/03/2000 - 17/07/2000	field record	2 Count of Breeding Pair	NERC_s41; BoCC-Red; WYBAP	1,864
SE1926614699	Yellowhammer	<i>Emberiza citrinella</i>	bird	18/04/2017	field record	1 Count	NERC_s41; BoCC-Red; WYBAP	1,940
SE177169	Brown/Sea Trout	<i>Salmo trutta</i>	bony fish (Actinopterygii)	23/09/1999	field observation		NERC_s41; WYBAP; Kirklees BAP	1,614

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SE179162	Brown/Sea Trout	<i>Salmo trutta</i>	bony fish (Actinopterygii)	11/08/2018	field record	1 Count	NERC_s41; WYBAP; Kirklees BAP	1,010
SE179162	Brown/Sea Trout	<i>Salmo trutta</i>	bony fish (Actinopterygii)	23/09/1999	field observation		NERC_s41; WYBAP; Kirklees BAP	1,010
SE179171	Brown/Sea Trout	<i>Salmo trutta</i>	bony fish (Actinopterygii)	26/08/2015	field observation		NERC_s41; WYBAP; Kirklees BAP	1,852
SE181154	Brown/Sea Trout	<i>Salmo trutta</i>	bony fish (Actinopterygii)	26/08/2015	field observation		NERC_s41; WYBAP; Kirklees BAP	684
SE181159	Brown/Sea Trout	<i>Salmo trutta</i>	bony fish (Actinopterygii)	23/09/1999	field observation		NERC_s41; WYBAP; Kirklees BAP	899
SE183154	Brown/Sea Trout	<i>Salmo trutta</i>	bony fish (Actinopterygii)	11/09/2009	field observation		NERC_s41; WYBAP; Kirklees BAP	882
SE186143	White-clawed Crayfish	<i>Austropotamobius pallipes</i>	crustacean	1997	field record		Sch5_s9.1/9.5a; NERC_s41; GRL-EN; WYBAP	1,550
SE1574614476	Betony	<i>Stachys officinalis</i>	flowering plant	29/09/2020	field observation		RDB-VU	1,866
SE160140	Betony	<i>Stachys officinalis</i>	flowering plant	26/06/2002	field record		RDB-VU	1,929
SE16871438	Betony	<i>Stachys officinalis</i>	flowering plant	01/07/2011	field observation		RDB-VU	1,079
SE17001441	Betony	<i>Stachys officinalis</i>	flowering plant	01/07/2011	field observation		RDB-VU	992
SE17101443	Betony	<i>Stachys officinalis</i>	flowering plant	01/07/2011	field observation		RDB-VU	936
SE156148	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	30/06/2015	field observation	LA Count of DAFOR	Sch8; Kirklees BAP	1,885

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SE156150	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	30/06/2015	field observation	R Count of DAFOR	Sch8; Kirklees BAP	1,841
SE156150	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	30/06/2015	field observation	O Count of DAFOR	Sch8; Kirklees BAP	1,841
SE1565615054	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	29/09/2020	field observation		Sch8; Kirklees BAP	1,778
SE1566315029	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	30/07/2006 - 12/09/2006	field record	Occasional Count of DAFOR	Sch8; Kirklees BAP	1,774
SE1573115150	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	30/07/2006 - 12/09/2006	field record		Sch8; Kirklees BAP	1,692
SE1575415185	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	30/07/2006 - 12/09/2006	field record	Occasional Count of DAFOR	Sch8; Kirklees BAP	1,666
SE1583415237	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	30/06/2015	field observation	O Count of DAFOR	Sch8; Kirklees BAP	1,583
SE1584115244	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	09/06/2020	field observation		Sch8; Kirklees BAP	1,576
SE1588415242	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	30/07/2006 - 12/09/2006	field record		Sch8; Kirklees BAP	1,533
SE160140	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	26/06/2002	field record		Sch8; Kirklees BAP	1,929
SE1635613903	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	11/08/2020	field observation		Sch8; Kirklees BAP	1,762
SE17001441	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	01/07/2011	field observation		Sch8; Kirklees BAP	992
SE1749916904	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	11/05/2015	field observation	LA Count of DAFOR	Sch8; Kirklees BAP	1,595
SE1757216709	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	11/05/2015	field observation	O Count of DAFOR	Sch8; Kirklees BAP	1,407
SE179169	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	04/05/2005	field record		Sch8; Kirklees BAP	1,660

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SE180137	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	15/05/2015	field observation	F Count of DAFOR	Sch8; Kirklees BAP	1,710
SE18531388	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	03/07/2013	field observation	O Count of DAFOR	Sch8; Kirklees BAP	1,808
SE18581378	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	03/07/2013	field observation	R Count of DAFOR	Sch8; Kirklees BAP	1,918
SE191164	Bluebell	<i>Hyacinthoides non-scripta</i>	flowering plant	15/05/2013	field record	o to a Count of DAFOR	Sch8; Kirklees BAP	1,998
SE1683015396	Box	<i>Buxus sempervirens</i>	flowering plant	13/08/2008	field record		NR-excludes	595
SE160140	Burnet-saxifrage	<i>Pimpinella saxifraga</i>	flowering plant	26/06/2002	field record		RDB-NT	1,929
SE160140	Common Centaury	<i>Centaurium erythraea</i>	flowering plant	Unknown	field record		; Kirklees BAP	1,929
SE16871438	Common Restharrow	<i>Ononis repens</i>	flowering plant	01/07/2011	field observation		RDB-VU	1,079
SE16871438	Common Valerian	<i>Valeriana officinalis</i>	flowering plant	01/07/2011	field observation		RDB-NT	1,079
SE1574614476	Devil's-bit Scabious	<i>Succisa pratensis</i>	flowering plant	29/09/2020	field observation		RDB-VU;	1,866
SE17101443	Devil's-bit Scabious	<i>Succisa pratensis</i>	flowering plant	01/07/2011	field observation		RDB-VU;	936
SE1846016124	Field Scabious	<i>Knautia arvensis</i>	flowering plant	03/07/2015	field observation	R Count of DAFOR	RDB-NT	1,318
SE1565615054	Harebell	<i>Campanula rotundifolia</i>	flowering plant	29/09/2020	field observation		RDB-NT	1,778
SE157151	Harebell	<i>Campanula rotundifolia</i>	flowering plant	30/07/2006 - 12/09/2006	field record		RDB-NT	1,728
SE16871438	Harebell	<i>Campanula rotundifolia</i>	flowering plant	01/07/2011	field observation		RDB-NT	1,079
SE17001441	Harebell	<i>Campanula rotundifolia</i>	flowering plant	01/07/2011	field observation		RDB-NT	992

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SE16871438	Heath Speedwell	<i>Veronica officinalis</i>	flowering plant	01/07/2011	field observation		RDB-NT	1,079
SE17001441	Heath Speedwell	<i>Veronica officinalis</i>	flowering plant	01/07/2011	field observation		RDB-NT	992
SE1581115254	Heather	<i>Calluna vulgaris</i>	flowering plant	09/06/2020	field observation		RDB-NT;	1,605
SE1581715256	Heather	<i>Calluna vulgaris</i>	flowering plant	30/06/2015	field observation	LA Count of DAFOR	RDB-NT;	1,599
SE1583415237	Heather	<i>Calluna vulgaris</i>	flowering plant	30/06/2015	field observation	LA Count of DAFOR	RDB-NT;	1,583
SE16871438	Lesser Spearwort	<i>Ranunculus flammula</i>	flowering plant	01/07/2011	field observation		RDB-VU	1,079
SE160140	Marsh Ragwort	<i>Jacobaea aquatica</i>	flowering plant	26/06/2002	field record		RDB-NT	1,929
SE17001441	Marsh Ragwort	<i>Jacobaea aquatica</i>	flowering plant	01/07/2011	field observation		RDB-NT	992
SE17101443	Marsh Ragwort	<i>Jacobaea aquatica</i>	flowering plant	01/07/2011	field observation		RDB-NT	936
SE1803515994	Marsh-marigold	<i>Caltha palustris</i>	flowering plant	09/02/2004	field record	1 Count	RDB-VU	918
SE17101443	Ragged-Robin	<i>Silene flos-cuculi</i>	flowering plant	01/07/2011	field observation		RDB-NT	936
SE156150	Sheep's Sorrel	<i>Rumex acetosella</i>	flowering plant	30/06/2015	field observation	R Count of DAFOR	RDB-NT	1,841
SE1569315100	Sheep's Sorrel	<i>Rumex acetosella</i>	flowering plant	30/07/2006 - 12/09/2006	field record		RDB-NT	1,735
SE160140	Sheep's Sorrel	<i>Rumex acetosella</i>	flowering plant	26/06/2002	field record		RDB-NT	1,929
SE1610214823	Sheep's Sorrel	<i>Rumex acetosella</i>	flowering plant	23/06/2020	field observation		RDB-NT	1,402
SE16871438	Sheep's Sorrel	<i>Rumex acetosella</i>	flowering plant	01/07/2011	field observation		RDB-NT	1,079

Grid Ref	Common Name	Latin Name	Taxon Group	Date	Record Type	Abundance	Designation	Distance from site centroid (m)
SE17001441	Sheep's Sorrel	<i>Rumex acetosella</i>	flowering plant	01/07/2011	field observation		RDB-NT	992
SE1846016124	Sheep's Sorrel	<i>Rumex acetosella</i>	flowering plant	03/07/2015	field observation	O Count of DAFOR	RDB-NT	1,318
SE17241728	Square-stalked Willowherb	<i>Epilobium tetragonum</i>	flowering plant	17/07/2002 - 12/02/2004	field observation		; VC63 LRDB:CsR	1,977
SE156150	Tormentil	<i>Potentilla erecta</i>	flowering plant	30/06/2015	field observation	R Count of DAFOR	RDB-NT	1,841
SE1565615054	Tormentil	<i>Potentilla erecta</i>	flowering plant	29/09/2020	field observation		RDB-NT	1,778
SE157151	Tormentil	<i>Potentilla erecta</i>	flowering plant	30/07/2006 - 12/09/2006	field record		RDB-NT	1,728
SE1574614476	Tormentil	<i>Potentilla erecta</i>	flowering plant	29/09/2020	field observation		RDB-NT	1,866
SE160140	Tormentil	<i>Potentilla erecta</i>	flowering plant	26/06/2002	field record		RDB-NT	1,929
SE16871438	Tormentil	<i>Potentilla erecta</i>	flowering plant	01/07/2011	field observation		RDB-NT	1,079
SE17001441	Tormentil	<i>Potentilla erecta</i>	flowering plant	01/07/2011	field observation		RDB-NT	992
SE17101443	Tormentil	<i>Potentilla erecta</i>	flowering plant	01/07/2011	field observation		RDB-NT	936
SE160140	Wild Strawberry	<i>Fragaria vesca</i>	flowering plant	26/06/2002	field record		RDB-NT	1,929
SE160140	Wood-sorrel	<i>Oxalis acetosella</i>	flowering plant	26/06/2002	field record		RDB-NT	1,929
SE180137	Wood-sorrel	<i>Oxalis acetosella</i>	flowering plant	15/05/2015	field observation	R Count of DAFOR	RDB-NT	1,710
SE1574614476	Zigzag Clover	<i>Trifolium medium</i>	flowering plant	29/09/2020	field observation		RDB-VU	1,866
SE172171	Malthodes pumilus	<i>Malthodes pumilus</i>	insect - beetle (Coleoptera)	Unknown	field record		NS-includes	1,803

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SE181170	Necklace Ground Beetle	<i>Carabus monilis</i>	insect - beetle (Coleoptera)	Unknown	field record		NERC_s41; RDB-EN;NS-includes	1,820
SE163166	Nicrophorus interruptus	<i>Nicrophorus interruptus</i>	insect - beetle (Coleoptera)	Unknown	field record		NS-includes	1,706
SE172171	Orchesia micans	<i>Orchesia micans</i>	insect - beetle (Coleoptera)	Unknown	field record		NS-includes	1,803
SE1717	Wall	<i>Lasiommata megera</i>	insect - butterfly	2004	field record		NERC_s41; RDB-NT; WYBAP	1,740
SE192146	Wall	<i>Lasiommata megera</i>	insect - butterfly	19/07/2020	field record		NERC_s41; RDB-NT; WYBAP	1,912
SE159162	White-letter Hairstreak	<i>Satyrrium w-album</i>	insect - butterfly	07/07/2004	Egg	1 Count of Adult	Sch5_s9.5a; NERC_s41;RDB-EN; WYBAP	1,758
SE163158	White-letter Hairstreak	<i>Satyrrium w-album</i>	insect - butterfly	07/07/2004	field record	1 Count of Adult	Sch5_s9.5a; NERC_s41;RDB-EN; WYBAP	1,220
SE1566315029	Cinnabar	<i>Tyria jacobaeae</i>	insect - moth	30/07/2006 - 12/09/2006	field record		NERC_s41; WYBAP	1,774
SE1588415242	Cinnabar	<i>Tyria jacobaeae</i>	insect - moth	30/07/2006 - 12/09/2006	field record	Frequent Count of DAFOR	NERC_s41; WYBAP	1,533
SE188152	Common Lizard	<i>Zootoca vivipara</i>	reptile	1914	field record		Sch5_s9.1/9.5a; NERC_s41; WYBAP; Kirklees BAP	1,381
SE1815	Grass Snake	<i>Natrix helvetica</i>	reptile	1914	field record		Sch5_s9.1/9.5a; NERC_s41; WYBAP; Kirklees BAP	656
SE173170	Bat	<i>Chiroptera</i>	terrestrial mammal	15/08/2016	Roost (maternity)	8 Count	Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2	1,694

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SE1578915567	Bats	<i>Vespertilionidae</i>	terrestrial mammal	06/05/2004	field record		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	1,647
SE1591716380	Bats	<i>Vespertilionidae</i>	terrestrial mammal	26/07/2005	Roost	0 Count of Adult	Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	1,841
SE1630016400	Bats	<i>Vespertilionidae</i>	terrestrial mammal	2000	Roost (possible)		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	1,560
SE1640016945	Bats	<i>Vespertilionidae</i>	terrestrial mammal	2000	Roost (possible)		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	1,925
SE1734017090	Bats	<i>Vespertilionidae</i>	terrestrial mammal	25/07/2007	Roost		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	1,781
SE1765616850	Bats	<i>Vespertilionidae</i>	terrestrial mammal	09/06/2003	Roost	40 Count of Adult	Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	1,557
SE177152	Bats	<i>Vespertilionidae</i>	terrestrial mammal	17/09/2007	Casualty	1 Count of Adult	Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	300
SE1793515956	Bats	<i>Vespertilionidae</i>	terrestrial mammal	28/07/2003	Roost	40 Count of Adult	Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	825
SE1820616050	Bats	<i>Vespertilionidae</i>	terrestrial mammal	02/07/2001	Roost	30 Count of Adult	Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	1,078
SE1823416111	Bats	<i>Vespertilionidae</i>	terrestrial mammal	01/04/2010	Roost (possible)		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	1,140
SE1860315095	Bats	<i>Vespertilionidae</i>	terrestrial mammal	31/07/2012	Roost (maternity)	1 Count	Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	1,199
SE1920514752	Bats	<i>Vespertilionidae</i>	terrestrial mammal	31/08/2000	Roost	1 Count of Adult	Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	1,865

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SE1614	Brown Hare	<i>Lepus europaeus</i>	terrestrial mammal	13/01/1993	field record	5 Count of Adult	NERC_s41; WYBAP; Kirklees BAP	1,929
SE1614	Brown Hare	<i>Lepus europaeus</i>	terrestrial mammal	15/01/1992	field record	3 Count of Adult	NERC_s41; WYBAP; Kirklees BAP	1,929
SE168143	Brown Hare	<i>Lepus europaeus</i>	terrestrial mammal	01/01/1998	field record	4 Count of Adult	NERC_s41; WYBAP; Kirklees BAP	1,184
SE168143	Brown Hare	<i>Lepus europaeus</i>	terrestrial mammal	1999	field record	2 Count of Adult	NERC_s41; WYBAP; Kirklees BAP	1,184
SE173141	Brown Hare	<i>Lepus europaeus</i>	terrestrial mammal	05/04/2015	field observation		NERC_s41; WYBAP; Kirklees BAP	1,215
SE1643313896	Brown Long-eared Bat	<i>Plecotus auritus</i>	terrestrial mammal	04/06/2016	Roost	1 Count	Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2;NERC_s41; WYBAP; Kirklees BAP	1,722
SE1643313896	Brown Long-eared Bat	<i>Plecotus auritus</i>	terrestrial mammal	05/06/2016	Roost	1 Count	Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2;NERC_s41; WYBAP; Kirklees BAP	1,722
SE1643313896	Brown Long-eared Bat	<i>Plecotus auritus</i>	terrestrial mammal	05/09/2015	droppings		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2;NERC_s41; WYBAP; Kirklees BAP	1,722
SE1643313896	Brown Long-eared Bat	<i>Plecotus auritus</i>	terrestrial mammal	08/05/2016	Roost	1 Count	Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2;NERC_s41; WYBAP; Kirklees BAP	1,722
SE1713816596	Brown Long-eared Bat	<i>Plecotus auritus</i>	terrestrial mammal	29/06/2017	field record		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2;NERC_s41; WYBAP; Kirklees BAP	1,316
SE173150	Brown Long-eared Bat	<i>Plecotus auritus</i>	terrestrial mammal	04/07/2020	foraging		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2;NERC_s41; WYBAP; Kirklees BAP	332

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SE192144	Brown Long-eared Bat	<i>Plecotus auritus</i>	terrestrial mammal	24/08/2019	Roost	2 Count	Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2;NERC_s41; WYBAP; Kirklees BAP	1,995
SE192145	Brown Long-eared Bat	<i>Plecotus auritus</i>	terrestrial mammal	01/08/2019	field record		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2;NERC_s41; WYBAP; Kirklees BAP	1,951
SE16461389	Daubenton's Bat	<i>Myotis daubentonii</i>	terrestrial mammal	14/08/2012	field record		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	1,712
SE1749517158	Eurasian Otter	<i>Lutra lutra</i>	terrestrial mammal	15/09/2019	Camera Trap	1 Count	Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2;NERC_s41; WYBAP; Kirklees BAP	1,849
SE1749517158	Eurasian Otter	<i>Lutra lutra</i>	terrestrial mammal	25/09/2019	Camera Trap	1 Count	Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2;NERC_s41; WYBAP; Kirklees BAP	1,849
SE1861214053	Eurasian Otter	<i>Lutra lutra</i>	terrestrial mammal	05/08/2015	Spraint		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2;NERC_s41; WYBAP; Kirklees BAP	1,730
SE184161	European Rabbit	<i>Oryctolagus cuniculus</i>	terrestrial mammal	03/07/2015	field observation		GRL-NT	1,256
SE173150	Lesser Noctule	<i>Nyctalus leisleri</i>	terrestrial mammal	04/07/2020	foraging		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2;RDB-NT; WYBAP; Kirklees BAP	332
SE1651714065	Myotis Bat species	<i>Myotis</i>	terrestrial mammal	01/05/2018	field record		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2	1,536
SE173150	Myotis Bat species	<i>Myotis</i>	terrestrial mammal	04/07/2020	foraging		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2	332
SE1803714537	Myotis Bat species	<i>Myotis</i>	terrestrial mammal	September 2014	foraging		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2	988

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SE192145	Myotis Bat species	<i>Myotis</i>	terrestrial mammal	01/08/2019	field record		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2	1,951
SE191146	Nathusius's Pipistrelle	<i>Pipistrellus nathusii</i>	terrestrial mammal	01/05/2017	field record	1 Count	Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2;RDB-NT; WYBAP; Kirklees BAP	1,819
SE1855915765	Noctule	<i>Nyctalus noctula</i>	terrestrial mammal	17/07/2024	field record		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2;NERC_s41; WYBAP; Kirklees BAP	1,223
SE16461389	Noctule Bat	<i>Nyctalus noctula</i>	terrestrial mammal	14/08/2012	field record		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2;NERC_s41; WYBAP; Kirklees BAP	1,712
SE1694815904	Noctule Bat	<i>Nyctalus noctula</i>	terrestrial mammal	11/05/2023 - 05/07/2023	foraging		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2;NERC_s41; WYBAP; Kirklees BAP	758
SE1713816596	Noctule Bat	<i>Nyctalus noctula</i>	terrestrial mammal	29/06/2017	field record		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2;NERC_s41; WYBAP; Kirklees BAP	1,316
SE173150	Noctule Bat	<i>Nyctalus noctula</i>	terrestrial mammal	04/07/2020	foraging		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2;NERC_s41; WYBAP; Kirklees BAP	332
SE17361710	Noctule Bat	<i>Nyctalus noctula</i>	terrestrial mammal	30/08/2011	field record	1 Count	Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2;NERC_s41; WYBAP; Kirklees BAP	1,790
SE1808016974	Noctule Bat	<i>Nyctalus noctula</i>	terrestrial mammal	September 2014	field record		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2;NERC_s41; WYBAP; Kirklees BAP	1,789
SE186139	Noctule Bat	<i>Nyctalus noctula</i>	terrestrial mammal	01/09/2015	field record		Sch5_s9.4b/9.5a/9.4c; HabReg-	1,836

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							Sch2;NERC_s41; WYBAP; Kirklees BAP	
SE192145	Noctule Bat	<i>Nyctalus noctula</i>	terrestrial mammal	01/08/2019	field record		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2;NERC_s41; WYBAP; Kirklees BAP	1,951
SE1744117093	Otter	<i>Lutra lutra</i>	terrestrial mammal	09/06/2025	droppings	1 Count of Present	Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2;NERC_s41; WYBAP; Kirklees BAP	1,782
SE1558515800	Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	28/06/2009	field record		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	1,894
SE1595316114	Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	02/09/2010	field record	2 Count	Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	1,669
SE1602113967	Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	01/08/2011	field record	4 Count	Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	1,936
SE1602513975	Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	05/07/2018	Roost	2 Count	Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	1,928
SE1602513975	Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	21/06/2018	Roost		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	1,928
SE1624716185	Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	01/06/2013	field record	2 Count	Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	1,461
SE1625714278	Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	12/06/2009	Roost	1 Count	Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	1,552
SE1627616326	Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	01/07/2013	field record		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	1,527

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SE1627616326	Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	01/07/2013	Roost (transitional)	1 Count	Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	1,527
SE1643313896	Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	04/06/2016	field record	1 Count	Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	1,722
SE1643313896	Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	05/06/2016	field record	1 Count	Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	1,722
SE1643313896	Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	23/08/2019	field record	1 Count	Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	1,722
SE16461389	Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	14/08/2012	field record		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	1,712
SE1651714065	Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	01/05/2018	Roost	2 Count	Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	1,536
SE1652216244	Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	12/07/2012	field record		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	1,294
SE1652516247	Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	11/07/2017	field record		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	1,294
SE167152	Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	28/09/2015	field record		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	726
SE1672815340	Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	01/08/2013	field record	1 Count	Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	691
SE168150	Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	05/09/2016	field record	2 Count	Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	692
SE168150	Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	12/09/2016	field record	4 Count	Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	692

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SE168150	Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	27/08/2016	field record	2 Count	Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	692
SE168151	Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	12/09/2016	field record	4 Count	Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	653
SE1693014529	Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	01/07/2013	field record		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	921
SE1694815904	Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	11/05/2023 - 05/07/2023	Roost	1 Count	Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	758
SE1694815904	Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	11/05/2023 - 05/07/2023	foraging		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	758
SE1713816596	Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	29/06/2017	Roost		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	1,316
SE1713816596	Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	29/06/2017	field record		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	1,316
SE173150	Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	04/07/2020	foraging		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	332
SE173150	Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	23/07/2020	Roost (single adult)		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	332
SE173172	Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	23/07/2002	field observation	10 Count	Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	1,893
SE1733917081	Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	30/08/2011	Roost (maternity)	1 Count	Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	1,772
SE1746015465	Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	01/08/2013	field record		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	160

Grid Ref	Common Name	Latin Name	Taxon Group	Date	Record Type	Abundance	Designation	Distance from site centroid (m)
SE1801016592	Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	11/07/2003	Roost		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	1,410
SE1803714537	Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	September 2014	foraging		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	988
SE1808016974	Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	September 2014	foraging		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	1,789
SE1855915765	Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	17/07/2024	field record		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	1,223
SE1866113988	Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	01/09/2015	Roost		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	1,810
SE1866113988	Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	01/09/2015	field record	2 Count	Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	1,810
SE1867013989	Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	01/09/2015	Roost		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	1,816
SE1867013989	Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	01/09/2015	field record	1 Count	Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	1,816
SE1873314945	Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	23/05/2017	field record		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	1,359
SE1873314945	Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	24/05/2017	field record	3 Count	Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	1,359
SE192144	Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	23/08/2017	field record	2 Count	Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	1,995
SE192145	Pipistrelle	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	01/08/2019	field record		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	1,951

Grid Ref	Common Name	Latin Name	Taxon Group	Date	Record Type	Abundance	Designation	Distance from site centroid (m)
SE16461389	Soprano Pipistrelle	<i>Pipistrellus pygmaeus</i>	terrestrial mammal	14/08/2012	field record	1 Count	Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2;NERC_s41; WYBAP; Kirklees BAP	1,712
SE186139	Soprano Pipistrelle	<i>Pipistrellus pygmaeus</i>	terrestrial mammal	01/09/2015	field record		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2;NERC_s41; WYBAP; Kirklees BAP	1,836
SE192145	Soprano Pipistrelle	<i>Pipistrellus pygmaeus</i>	terrestrial mammal	01/08/2019	field record		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2;NERC_s41; WYBAP; Kirklees BAP	1,951
SE1689016195	West European Hedgehog	<i>Erinaceus europaeus</i>	terrestrial mammal	20/03/2016	field record	1 Count	NERC_s41; RDB-VU; WYBAP; Kirklees BAP	1,031
SE1699917022	West European Hedgehog	<i>Erinaceus europaeus</i>	terrestrial mammal	28/10/2014	field record	1 Count	NERC_s41; RDB-VU; WYBAP; Kirklees BAP	1,762
SE191147	West European Hedgehog	<i>Erinaceus europaeus</i>	terrestrial mammal	01/08/2019	field record	1 Count	NERC_s41; RDB-VU; WYBAP; Kirklees BAP	1,783
SE1602513975	Whiskered Bat	<i>Myotis mystacinus</i>	terrestrial mammal	05/07/2018	Roost		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	1,928

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Grid Ref	Common Name	Latin Name	Taxon Group	Date	Record Type	Abundance	Designation	Distance from site centroid (m)
SE175171	Signal Crayfish	<i>Pacifastacus leniusculus</i>	crustacean	27/08/2008	field observation		Sch9-Part1	1,791
SE1757717115	Signal Crayfish	<i>Pacifastacus leniusculus</i>	crustacean	27/08/2008	field record		Sch9-Part1	1,811
SE176166	Signal Crayfish	<i>Pacifastacus leniusculus</i>	crustacean	26/08/2008	field observation		Sch9-Part1	1,302

Grid Ref	Common Name	Latin Name	Taxon Group	Date	Record Type	Abundance	Designation	Distance from site centroid (m)
SE176171	Signal Crayfish	<i>Pacifastacus leniusculus</i>	crustacean	27/08/2008	field observation		Sch9-Part1	1,798
SE17661660	Signal Crayfish	<i>Pacifastacus leniusculus</i>	crustacean	10/08/2001	field record	1 Count of Adult	Sch9-Part1	1,311
SE1769317109	Signal Crayfish	<i>Pacifastacus leniusculus</i>	crustacean	27/08/2008	field record		Sch9-Part1	1,819
SE1769616650	Signal Crayfish	<i>Pacifastacus leniusculus</i>	crustacean	26/08/2008	field record		Sch9-Part1	1,367
SE1773617118	Signal Crayfish	<i>Pacifastacus leniusculus</i>	crustacean	15/11/2011	field record		Sch9-Part1	1,834
SE178161	Signal Crayfish	<i>Pacifastacus leniusculus</i>	crustacean	26/08/2008	field observation		Sch9-Part1	876
SE17861632	Signal Crayfish	<i>Pacifastacus leniusculus</i>	crustacean	25/08/2001	field record		Sch9-Part1	1,101
SE1789116136	Signal Crayfish	<i>Pacifastacus leniusculus</i>	crustacean	26/08/2008	field record		Sch9-Part1	950
SE17891612	Signal Crayfish	<i>Pacifastacus leniusculus</i>	crustacean	10/10/2014	field observation		Sch9-Part1	936
SE179160	Signal Crayfish	<i>Pacifastacus leniusculus</i>	crustacean	20/08/2008	field observation		Sch9-Part1	840
SE179161	Signal Crayfish	<i>Pacifastacus leniusculus</i>	crustacean	18/09/2013	field observation		Sch9-Part1	923
SE179161	Signal Crayfish	<i>Pacifastacus leniusculus</i>	crustacean	24/08/2014	field observation		Sch9-Part1	923
SE179162	Signal Crayfish	<i>Pacifastacus leniusculus</i>	crustacean	11/08/2018	field record	1 Count	Sch9-Part1	1,010
SE1797116039	Signal Crayfish	<i>Pacifastacus leniusculus</i>	crustacean	20/08/2008	field record		Sch9-Part1	913
SE180158	Signal Crayfish	<i>Pacifastacus leniusculus</i>	crustacean	20/08/2008	field observation		Sch9-Part1	758
SE1804915884	Signal Crayfish	<i>Pacifastacus leniusculus</i>	crustacean	20/08/2008	field record		Sch9-Part1	850

Grid Ref	Common Name	Latin Name	Taxon Group	Date	Record Type	Abundance	Designation	Distance from site centroid (m)
SE181156	Signal Crayfish	<i>Pacifastacus leniusculus</i>	crustacean	25/08/2001	field record	2 Count of Adult	Sch9-Part1	737
SE185142	Signal Crayfish	<i>Pacifastacus leniusculus</i>	crustacean	06/04/2014	field observation		Sch9-Part1	1,546
SE185144	Signal Crayfish	<i>Pacifastacus leniusculus</i>	crustacean	20/08/2008	field observation		Sch9-Part1	1,410
SE1856014430	Signal Crayfish	<i>Pacifastacus leniusculus</i>	crustacean	20/08/2008	field record		Sch9-Part1	1,437
SE186143	Signal Crayfish	<i>Pacifastacus leniusculus</i>	crustacean	01/01/1997	field observation		Sch9-Part1	1,550
SE186143	Signal Crayfish	<i>Pacifastacus leniusculus</i>	crustacean	01/01/1997	field observation		Sch9-Part1	1,550
SE186143	Signal Crayfish	<i>Pacifastacus leniusculus</i>	crustacean	1997	field record		Sch9-Part1	1,550
SE186143	Signal Crayfish	<i>Pacifastacus leniusculus</i>	crustacean	1997	field record		Sch9-Part1	1,550
SE186143	Signal Crayfish	<i>Pacifastacus leniusculus</i>	crustacean	1997	field record		Sch9-Part1	1,550
SE186143	Signal Crayfish	<i>Pacifastacus leniusculus</i>	crustacean	1997	field record		Sch9-Part1	1,550
SE186143	Signal Crayfish	<i>Pacifastacus leniusculus</i>	crustacean	1997	field record		Sch9-Part1	1,550
SE186143	Signal Crayfish	<i>Pacifastacus leniusculus</i>	crustacean	1997	field record		Sch9-Part1	1,550
SE186143	Signal Crayfish	<i>Pacifastacus leniusculus</i>	crustacean	1997	field record		Sch9-Part1	1,550
SE186143	Signal Crayfish	<i>Pacifastacus leniusculus</i>	crustacean	1997	field record		Sch9-Part1	1,550
SE186143	Signal Crayfish	<i>Pacifastacus leniusculus</i>	crustacean	1997	field record		Sch9-Part1	1,550
SE187142	Signal Crayfish	<i>Pacifastacus leniusculus</i>	crustacean	28/08/2008	field observation		Sch9-Part1	1,691
SE1875014258	Signal Crayfish	<i>Pacifastacus leniusculus</i>	crustacean	28/08/2008	field record		Sch9-Part1	1,693

Grid Ref	Common Name	Latin Name	Taxon Group	Date	Record Type	Abundance	Designation	Distance from site centroid (m)
SE18661375	Canadian Waterweed	<i>Elodea canadensis</i>	flowering plant	03/07/2013	field observation	A Count of DAFOR	Sch9-Part2	1,990
SE1567515250	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	30/07/2006 - 12/09/2006	field record		Sch9-Part2	1,741
SE1575415185	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	30/07/2006 - 12/09/2006	field record		Sch9-Part2	1,666
SE172172	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	31/10/2016	field record		Sch9-Part2	1,902
SE17241728	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	17/07/2002 - 12/02/2004	field observation		Sch9-Part2	1,977
SE173171	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	31/10/2016	field record		Sch9-Part2	1,793
SE173172	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	31/10/2016	field record		Sch9-Part2	1,893
SE175172	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	27/06/1995	field observation		Sch9-Part2	1,891
SE179161	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	18/09/2013	field observation		Sch9-Part2	923
SE179162	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	11/08/2018	field record	1 Count	Sch9-Part2	1,010
SE1861914057	Himalayan Balsam	<i>Impatiens glandulifera</i>	flowering plant	05/08/2015	field observation		Sch9-Part2	1,731
SE16391606	Himalayan Cotoneaster	<i>Cotoneaster simonsii</i>	flowering plant	24/01/2018	field record	LO Count of DAFOR	Sch9-Part2	1,272
SE172172	Japanese Knotweed	<i>Fallopia japonica</i>	flowering plant	31/10/2016	field record		Sch9-Part2	1,902
SE17281725	Japanese Knotweed	<i>Fallopia japonica</i>	flowering plant	17/07/2002 - 12/02/2004	field observation		Sch9-Part2	1,944
SE17291726	Japanese Knotweed	<i>Fallopia japonica</i>	flowering plant	17/07/2002 - 12/02/2004	field observation		Sch9-Part2	1,953
SE173171	Japanese Knotweed	<i>Fallopia japonica</i>	flowering plant	31/10/2016	field record		Sch9-Part2	1,793

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SE173172	Japanese Knotweed	<i>Fallopia japonica</i>	flowering plant	31/10/2016	field record		Sch9-Part2	1,893
SE17321724	Japanese Knotweed	<i>Fallopia japonica</i>	flowering plant	17/07/2002 - 12/02/2004	field observation		Sch9-Part2	1,932
SE16391606	Japanese Rose	<i>Rosa rugosa</i>	flowering plant	24/01/2018	field record	R Count of DAFOR	Sch9-Part2	1,272
SE1565115205	Lamiastrum galeobdolon subsp. argentatum	<i>Lamiastrum galeobdolon subsp. argentatum</i>	flowering plant	30/06/2015	field observation	LA Count of DAFOR	Sch9-Part2	1,767
SE16391606	Rhododendron ponticum	<i>Rhododendron ponticum</i>	flowering plant	24/01/2018	field record		Sch9-Part2	1,272
SE180137	Rhododendron ponticum	<i>Rhododendron ponticum</i>	flowering plant	15/05/2015	field observation	R Count of DAFOR	Sch9-Part2	1,710
SE17671694	American Mink	<i>Neovison vison</i>	terrestrial mammal	10/08/2001	Dung or other signs	1 Count of Droppings	Sch9-Part1	1,648
SE17681684	American Mink	<i>Neovison vison</i>	terrestrial mammal	10/08/2001	Dung or other signs	1 Count of Droppings	Sch9-Part1	1,551
SE17701677	American Mink	<i>Neovison vison</i>	terrestrial mammal	10/08/2001	Dung or other signs	1 Count of Droppings	Sch9-Part1	1,486
SE18481454	American Mink	<i>Neovison vison</i>	terrestrial mammal	25/08/2001	tracks/trail	1 Count of Tracks	Sch9-Part1	1,308
SE18561426	American Mink	<i>Neovison vison</i>	terrestrial mammal	15/09/2001	Spraint	1 Count of Droppings	Sch9-Part1	1,547
SE18571440	American Mink	<i>Neovison vison</i>	terrestrial mammal	25/08/2001	tracks/trail	1 Count of Tracks	Sch9-Part1	1,464
SE18641427	American Mink	<i>Neovison vison</i>	terrestrial mammal	15/09/2001	Spraint	1 Count of Droppings	Sch9-Part1	1,600
SE173168	Eastern Grey Squirrel	<i>Sciurus carolinensis</i>	terrestrial mammal	11/05/2015	field observation		Sch9-Part1	1,494
SE180137	Eastern Grey Squirrel	<i>Sciurus carolinensis</i>	terrestrial mammal	15/05/2015	field observation		Sch9-Part1	1,710

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SE186137	Eastern Grey Squirrel	<i>Sciurus carolinensis</i>	terrestrial mammal	03/07/2013	field observation		Sch9-Part1	1,994