Lumb Lane Nurseries,

Almondbury, HD4 6SZ

Preliminary Ecological Appraisal including Bat Assessment

June 2023

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Prepared by	Toby Fisher CEnv MCIEEM
Approved by	Andrew Westgarth CEnv MCIEEM
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01765 600 799
info@quantsenvironmental.com
quantsenvironmental.com
Quants Environmental Ltd, 65 Kirkby Road, Ripon, North Yorkshire. HG4 2HH

Contents

1 Introduction ... 3

2 Methodology ... 5

2.1 Desk Study ... 5

2.2 Personnel ... 5

2.3 Preliminary Ecological Field Survey ... 5

2.4 Limitations ... 5

3 Results ... 6

3.1 Desk Study ... 6

3.1.2 Internationally / Nationally Protected Sites ... 6

3.1.3 Locally Designated Sites ... 6

3.1.4 Priority Habitats and Ancient Woodland ... 6

3.1.5 Species Records ... 6

3.2 Preliminary Ecological Field Survey ... 7

3.2.2 Habitats ... 7

3.2.3 Invasive Weeds ... 8

3.2.4 Birds ... 8

3.2.5 Bats ... 9

3.2.6 Amphibians ... 9

3.2.7 Badger and Other Fauna ... 10

4 Conclusions and Recommendations ... 11

4.1 Protected Sites ... 11

4.2 Habitats ... 11

4.3 Invasive Weeds ... 11

4.4 Birds ... 11

4.5 Bats ... 12

4.6 Amphibians ... 12

4.7 Other Fauna ... 13

Appendix 1. Legislation and Conservation Context ... 14

Appendix 2. Photographs ... 15

Appendix 3. Information provided by WYES ... 22

1 Introduction

1.1.1.1 This report presents the results of a Preliminary Ecological Appraisal including Bat Assessment undertaken on Land at Lumb Lane Nurseries, Almondbury, HD4 6SZ. The survey has been completed to provide supporting information in relation to proposed development at the site.

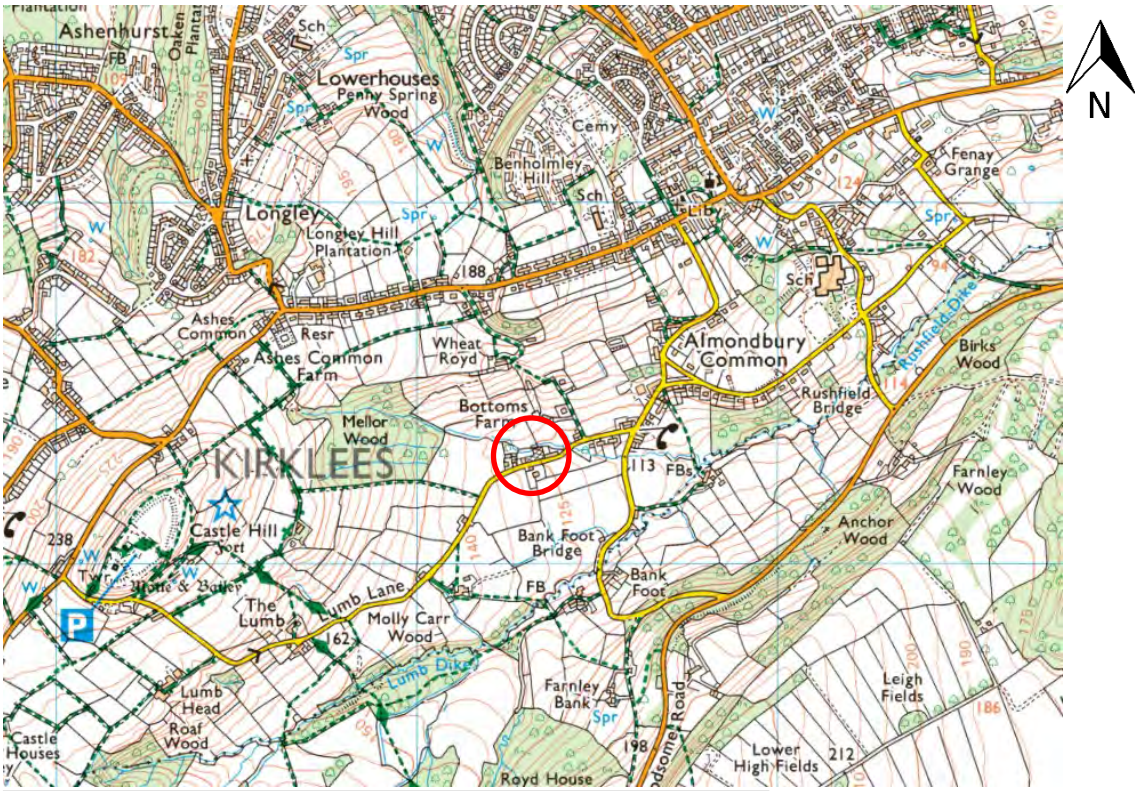
1.1.1.2 The study area (see Figure 1) extends to approximately 0.32 ha and is centred at approximate grid reference SE 1632 1430. The site is located at an altitude of approximately 127 metres above sea level and comprises a derelict horticultural nursery.

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 The site survey was undertaken on 24th May 2023 by Toby Fisher MCIEEM CEnv. A desk-based study was undertaken to obtain existing ecological records for the site and surrounding area.

Figure 1. Site Location (aerial imagery dated 2021)

Figure 2. Site Location



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2 Methodology

2.1 Desk Study

2.1.1.1 West Yorkshire Ecology Service (WYES) was contacted, in May 2023, for searches of protected sites and records of protected species within a 2 km radius of the site.

2.1.1.2 In addition, the following data sources were searched for statutorily protected sites and additional ecological data of relevance to the assessment such as previously granted European Protected Species Mitigation (EPSM) licences and off-site waterbodies:

- Multi Agency Geographic Information for the Countryside (MAGIC).
- Ordnance Survey 1:10,000 mapping.
- Aerial imagery (dated 2021).

2.2 Personnel

2.2.1.1 The Preliminary Ecological Appraisal survey was undertaken by Toby Fisher CEnv MCIEEM[1] [2].

2.3 Preliminary Ecological Field Survey

2.3.1.1 A Preliminary Ecological Appraisal of the site was conducted on 24th May 2023 in accordance with the standard survey methodology[3] [4].

2.3.1.2 The habitats on the site were assessed and categorised in order to provide baseline information and subsequent interpretation of the ecological value of the site.

2.3.1.3 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. The built structures and trees within the site were inspected from ground level for evidence of bats and for potential bat roost features. The weather conditions at the time of survey were: 16°C, dry, cloud cover 0%, wind Bft 0-1 (Beaufort Scale) with good visibility.

2.4 Limitations

2.4.1.1 The site visit was undertaken within the optimum season for Phase 1 Habitat Surveys (May to September). Overall, it is considered that there were no significant constraints to achieving the aims of the assessment.

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[1] Natural England Class Licence Registration No. 2015-10756-CLS-CLS - CL18 Level 2 (Bats).

[2] Natural England Class Licence Registration No. WML- CL08:2015-16681-CLS-CLS (Great Crested Newts).

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

[4] Butcher, B., Carey, P., Edmonds, R., Norton, L. and Treweek, J. (2020). The UK Habitat Classification User Manual Version 1.1 at http://www.ukhab.org/.

3 Results

3.1 Desk Study

3.1.1.1 Information provided by WYES is reproduced in Appendix 3 with key information summarised below.

3.1.2 Internationally / Nationally Protected Sites

3.1.2.1 No internationally / nationally designated nature conservation sites are present within 2 km of the site.

3.1.3 Locally Designated Sites

3.1.3.1 WYES identified eight Local Wildlife Sites (LWS) and one Local Nature Reserve (LNR) within 2 km of the site. The following locally designated sites are located within 1 km of the site:

- Arkenley Lane LWS located approximately 465 metres east of the site.
- Almondbury Common LWS located approximately 485 metres south-east of the site.
- Arthur, Molly Carr and Roaf Woods LWS located approximately 485 metres south-south-west of the site.
- Longley Hill LWS located approximately 830 metres north-west of the site.
- Castle Hill LWS and LNR located approximately 875 metres west of the site.

3.1.4 Priority Habitats and Ancient Woodland

3.1.4.1 WYES identified several areas of woodland listed on the Ancient Woodland Inventory within 2 km of the site; the nearest area being located approximately 205 metres west of the site.

3.1.5 Species Records

Amphibians

3.1.5.1 WYES provided 6 records of amphibians comprising; 3 records of Common Frog; and 3 records of Common Toad. No records of Great Crested Newt within 2 km of the site.

Reptiles

3.1.5.2 WYES provided one reptile record within 2 km of the site; a record of Grass Snake over 1 km from the site, dated 1914 (over 100 years old).

Birds

3.1.5.3 WYES provided 211 bird records within 2 km of the site; but none within 500 metres of the site. Recorded species include a number of widespread but declining species including Swift, House Sparrow, Skylark, Redwing, Dunnock, Starling and Song Thrush.

Invertebrates

3.1.5.4 WYES provided 11 invertebrate records within 2 km of the site including several scarce species but none within 500 metres of the site. No records of Crayfish.

Water Vole

3.1.5.5 WYES provided no Water Vole records within 2 km of the site.

Otter

3.1.5.6 WYES provided no Otter records within 2 km of the site.

Hedgehog

3.1.5.7 WYES provided 2 Hedgehog records within 2 km of the site but none within 1 km of the site.

Brown Hare

3.1.5.8 WYES provided 6 Brown Hare records within 2 km of the site including 2 records from the 1 km grid square which contains the site (SE1614).

Badger

3.1.5.9 WYES identified no Badger records within 200 metres of the site. WYES identified that the site falls 'within the area of increased probability of Badger activity'.

Bats

3.1.5.10 WYES provided 69 bat records within 2 km of the site; comprising Common Pipistrelle, Soprano Pipistrelle, Noctule, Lesser Noctule, Brown Long-Eared, *Myotis* sp., Daubenton's, Whiskered and unknown bat species. None of the records are within 100 metres of the site. Within 250 metres of the site there are several field records of Common Pipistrelle, Noctule and Brown Long-Eared. One of the records is within 250 metres of the site:

- Roost of 1 Common Pipistrelle at grid reference SE1625714278 approximately 25 metres of the site, dated 12/06/2009.

3.2 Preliminary Ecological Field Survey

3.2.1.1 Please also refer to Figure 3 and photos included at Appendix 2. The site extends to approximately 0.32 hectares. The site is located at an altitude of approximately 127 metres above sea level and comprises a derelict horticultural nursery.

3.2.1.2 The site is bordered to the south by Lumb Lane with a house and grassland beyond; to the west and east by houses and mature gardens; and to the north by a damp ditch with grassland and a small area of woodland beyond.

3.2.2 Habitats

3.2.2.1 The habitats present at the site are shown in Figure 3.

Vacant or Derelict Land

3.2.2.2 Vacant or Derelict Land at the site comprises sparsely vegetated bare ground which has been colonised by a wide range of common early-colonist species including Dandelion *Taraxacum officinale* agg., Opium Poppy *Papaver somniferum*, Cut-Leaved Crane's-Bill *Geranium dissectum*, Thale Cress *Arabidopsis thaliana*, American Willowherb *Epilobium ciliatum*, Greater Plantain *Plantago major,* Prickly Sow-Thistle *Sonchus asper*, Yorkshire Fog *Holcus lanatus*, Creeping Buttercup *Ranunculus repens*, Creeping Bent *Agrostis stolonifera*, Nipplewort *Lapsana communis*, Pineappleweed *Matricaria discoidea*, Wall Speedwell *Veronica arvensis*, Common Mouse-Ear *Cerastium fontanum*, Foxglove *Digitalis purpureum* and Field Forget-Me-Not *Myosotis arvensis*.

Building / Glasshouses / Polytunnels

3.2.2.3 The building at the site is devoid of vegetation. The glasshouses and polytunnels are derelict and a typical range of early-colonist species occur within the structures including Greater Willowherb *Epilobium hirsutum*, Groundsel *Senecio vulgaris*, Hairy Tare *Ervilia hirsuta*, Cleavers *Galium aparine*, Procumbent Yellow Sorrel *Oxalis corniculata*, Barren Brome *Anisantha sterilis*, Common Nettle *Urtica dioica*, Rosebay Willowherb *Chamerion angustifolium* and Procumbent Pearlwort *Sagina procumbens*.

Wall

3.2.2.4 A dry-stone wall along the site's southern boundary supports sparse vegetation including Spear Thistle *Cirsium vulgare*, Smooth Sow-Thistle *Sonchus oleraceus*, Hoary Willowherb *Epilobium parviflorum*, Annual Meadow-Grass *Poa annua*, Fat Hen *Chenopodium album* and Reflexed Stonecrop *Petrosedum rupestre*.

Other Neutral Grassland

3.2.2.1 Grassland at the site was not mown or grazed at the time of the survey and there was no evidence of recent management. Species present include Yorkshire Fog, Rough Meadow-Grass *Poa trivialis*, Barren Brome, Soft Rush *Juncus effusus*, Creeping Buttercup *Ranunculus repens*, Dandelion, Common Nettle *Urtica dioica,* Cleavers, Greater Willowherb, Bramble, Bush Vetch *Vicia sepium*, Wood Avens *Geum urbanum*, Hedge Woundwort *Stachys sylvatica*, Foxglove, Raspberry *Rubus idaeus*, Red Clover *Trifolium pratense* and Tufted Vetch *Vicia cracca*.

Mixed Scrub

3.2.2.2 An area of scrub in the eastern part of the site comprises Bramble, Sycamore *Acer pseudoplatanus*, Holly *Ilex aquifolium*, Dog Rose *Rosa canina*, Hawthorn *Crataegus monogyna*, Oregon-Grape *Mahonia aquifolium*, Rosebay Willowherb and Herb Robert *Geranium robertianum*.

Ditch

3.2.2.3 A ditch along the site's northern boundary was partially dry at the time of the survey and locally held water upto around 5 cm deep. The western part of the ditch is unshaded and the banks support Creeping Buttercup, Greater Willowherb, Common Nettle, Broad-Leaved Dock *Rumex obtusifolius*, Goat Willow *Salix caprea* and Hogweed *Heracleum sphondylium*. In the shaded eastern part, the ditch banks support sparse vegetation including Lesser Celandine *Ficaria verna*, Male Fern *Dryopteris filix-mas*, Bramble and Cow Parsley *Anthriscus sylvestris*.

Lowland Mixed Deciduous Woodland

3.2.2.4 In the north-eastern part of the site, the canopy of a small area of off-site woodland oversails the site. Off-site trees to the north of the site boundary comprise a mature twin-stemmed Ash *Fraxinus excelsior*, a mature twin-stemmed Alder *Alnus glutinosa* and a mature Sycamore. Species growing beneath the canopy include Elder *Sambucus nigra*, Common Nettle, Cleavers, Herb Robert, Rosebay Willowherb, Wavy Bitter-Cress *Cardamine hirsuta*, Bramble, Wood Avens, Greater Willowherb and Greater Stitchwort *Stellaria holostea.*

Hedgerows

3.2.2.5 A hedgerow on the site's western boundary is approximately 2-3 metres tall and 2 metres wide. The southern part of the hedgerow is heavily dominated by Hawthorn; the northern part of the hedgerow is heavily dominated by Leyland Cypress *Cupressus x leylandii.* Ground flora is very limited and includes a small amount of Sycamore and Bluebell *Hyacinthoides non-scripta*.

3.2.2.6 A hedgerow on the site's eastern boundary is approximately 2.5 metres tall. Species present include Lilac *Syringa vulgaris,* Holly, Rose *Rosa* sp., Norway Spruce *Picea abies*, Ivy *Hedera helix*, Yew *Taxus baccata*, Silver Birch *Betula pendula*, Ash, Honeysuckle *Lonicera periclymenum*, Cherry Laurel *Prunus laurocerasus* and Japanese Rose *Rosa rugosa*.

3.2.2.7 Both hedgerows border adjacent gardens and therefore will not qualify as Important under the Wildlife and Landscape criteria of the Hedgerows Regulation 1997.

3.2.3 Invasive Weeds

3.2.3.1 One species listed on Schedule 9, Part II of the Wildlife and Countryside Act 1981 (as amended) was identified during the survey; a small area of Japanese Rose Rosa rugosa is present within the hedgerow on the site's eastern boundary (see Figure 3 and Photo 13, Appendix 1).

3.2.4 Birds

3.2.4.1 A limited range of birds was observed during the survey. Species observed within and adjacent to the site included Blue Tit, Wood Pigeon, Chaffinch, Robin, House Sparrow, Feral Pigeon, Starling and Common Buzzard overhead. No evidence of Schedule 1 (Wildlife and Countryside Act) bird

species such as Barn Owl or Red Kite was observed and it is considered very unlikely that such species will breed at the site.

3.2.4.2 Two Species of Principal Importance for the conservation of biodiversity in England[5] were recorded during the survey House Sparrow and Starling; both species are likely to nest in buildings outside the site boundary. The site could support a limited assemblage of breeding birds typical of gardens. A limited range of birds could nest in hedgerows, woodland, scrub, wall, ditch and possibly in the building, polytunnels and glasshouses at the site.

3.2.5 Bats

3.2.5.1 No evidence of bat roosts has been identified at the site.

3.2.5.2 No trees are present within the site. The trees located in woodland just outside the site's northern boundary were assessed as having low bat roost potential.

3.2.5.3 The polytunnels and glasshouses at the site were assessed as having negligible bat roost potential due to the absence of suitable bat roost features.

3.2.5.4 There is one building at the site; a flat-roofed building extending to approximately 9 x 5.5 metres. The building is currently disused and has no loft spaces or basements. The building is of brick, block and timber construction; the northern half of the building comprises an open-sided canopy. The roof comprises a single-skin of corrugated material. Potential bat roost features are limited to localised gaps behind the roof verge on the south elevation and gaps beneath the corrugated roof on the north side of the building beneath the canopy. Based on all information, the building is assessed as having low bat roost potential.

3.2.5.5 In terms of foraging and commuting habitats, the hedgerows, ditch and woodland at the site's northern, western and eastern boundaries provide potential bat flyways and foraging areas of moderate quality. The remainder of the site provides low quality foraging habitat for bats.

3.2.6 Amphibians

3.2.6.1 WYES provided no records of Great Crested Newts within 2 km of the site. Two waterbodies potentially suitable for breeding Great Crested Newts have been identified within 500 metres of the site:

- P1: A garden pond located within a private garden approximately 205 metres east of the site at grid reference SE 16569 14311. The pond was not visible from publicly accessible areas. The pond extends to approximately 18 x 15 metres and appears to provide potentially suitable breeding habitat for Great Crested Newts.
- P2: A small garden pond located within a private garden approximately 240 metres east of the site (see Photo 14, Appendix 1) at grid reference SE 16598 14286. The pond extends to approximately 3 x 3 metres and appears to provide potentially suitable breeding habitat for Great Crested Newts.

3.2.6.2 Whilst much of the site provides poor quality terrestrial habitat for Great Crested Newts (glasshouses, polytunnels, building and vacant land comprising sparsely vegetated bare ground), the site provides some limited areas of potentially suitable terrestrial habitat for amphibians. Research[6] has shown that the majority of Great Crested Newts remain within 100 metres of breeding sites provided suitable terrestrial habitat is present in this area, although individuals may travel up to 500 metres, and rarely

[5] Species listed on Section 41 of the Natural Environment and Rural Communities (NERC) Act 2006 as Species of Principal Importance for the conservation of biodiversity in England.

[6] 2.1.1.1 Cresswell, W. and Whitworth, R. 2004. English Nature Research Reports Number 576. An assessment of the efficiency of capture techniques and the value of different habitats for the great crested newt Triturus cristatus. ISSN 0967-876X.

even further, from their breeding waterbodies. There is abundant suitable terrestrial habitat in close proximity to Ponds P1 and P2.

3.2.6.3 Based on all available information, it is considered that the potential for impacts on Great Crested Newts and their habitat is very low. There may be potential for small numbers of common amphibians such as Common Frog, Common Toad and Smooth Newt to occur at the site during their terrestrial phases.

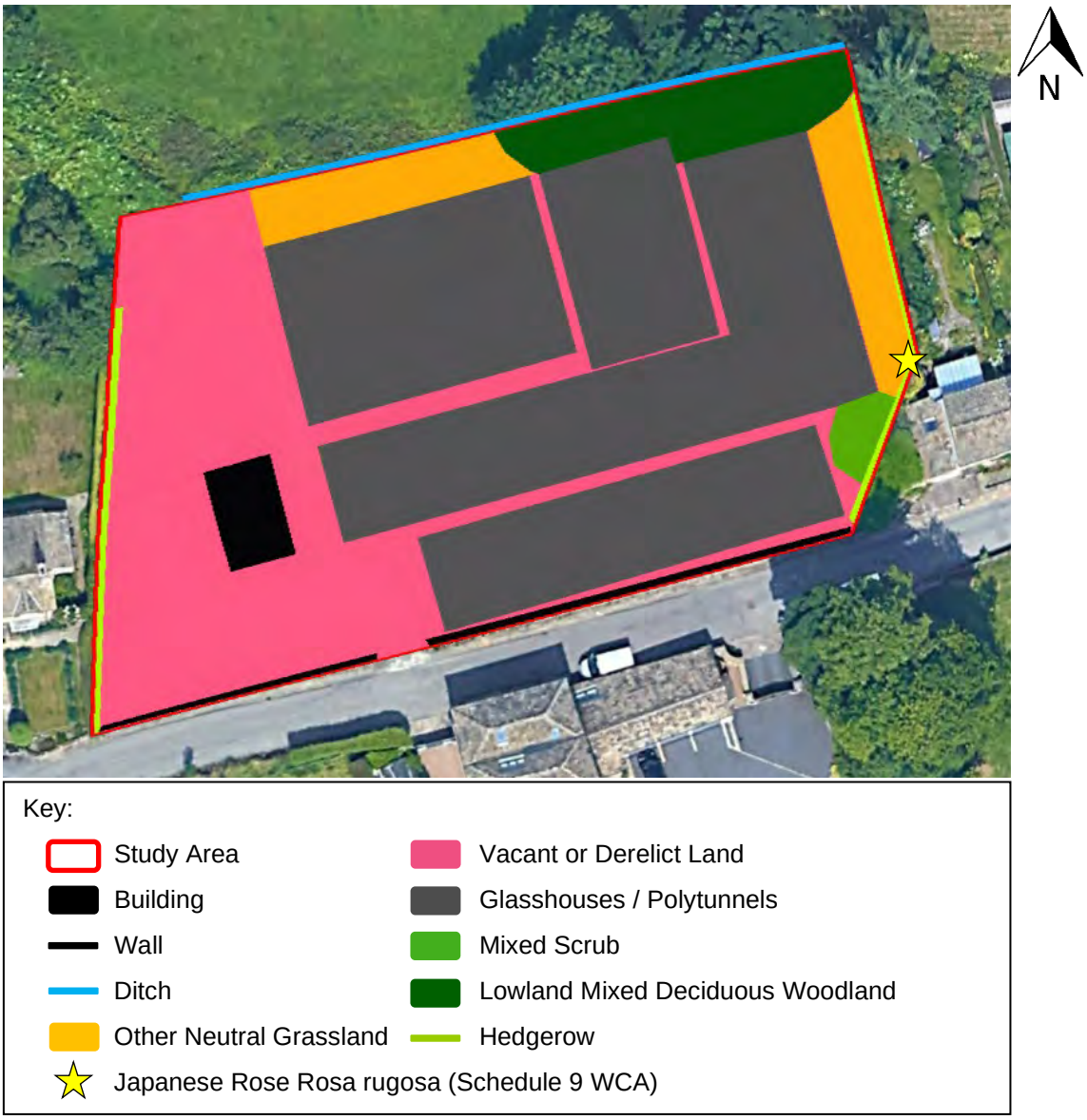
3.2.7 Badger and Other Fauna

3.2.7.1 No evidence of Badger was observed at the site. Hedgehog (a Species of Principal Importance in England) could potentially occur within the site.

3.2.7.2 The ditch along the site's northern boundary was largely dry at the time of the survey and it is considered that the ditch does not provide suitable habitat for permanent populations of Water Vole, Otter or White-Clawed Crayfish.

3.2.7.3 Based on the nature of the habitats, it is considered very unlikely that notable species such as Water Vole, Otter or reptiles will occur at the site.

Figure 3. Habitat Map



4 Conclusions and Recommendations

4.1 Protected Sites

4.1.1.1 Based on the distance from protected sites, no significant impacts on locally, nationally or internationally protected sites are predicted.

4.2 Habitats

4.2.1.1 The woodland adjacent to the site's northern boundary qualifies as a Habitat of Principal Importance for the conservation of biodiversity in England[7]. No other Habitats of Principal Importance for the conservation of biodiversity in England have been identified at the site.

Recommendations

4.2.1.2 It is recommended that the following habitats should be retained in situ with suitable buffers of semi-natural vegetation wherever possible: Ditch; Lowland Mixed Deciduous Woodland; and Hedgerows.

4.2.1.3 It is recommended that the local planning authority should be consulted in relation to potential local requirements for Biodiversity Net Gain (BNG). Based on an initial BNG appraisal, it is considered feasible to achieve 10% BNG for area-based habitats within the site boundary, given a sensitive design and appropriate habitat management.

4.3 Invasive Weeds

4.3.1.1 One species listed on Schedule 9, Part II of the Wildlife and Countryside Act 1981 (as amended) was identified during the survey; a small area of Japanese Rose *Rosa rugosa* within the hedgerow on the site's eastern boundary.

Recommendations

4.3.1.2 It is recommended that an Invasive Weeds Management Plan should be prepared and implemented in order to ensure that Japanese Rose is not spread within or beyond the site during the construction phase.

4.4 Birds

4.4.1.1 A limited range of birds was observed during the survey. No evidence of Schedule 1 (Wildlife and Countryside Act) bird species such as Barn Owl or Red Kite was observed and it is considered very unlikely that such species will breed at the site.

4.4.1.2 Two Species of Principal Importance for the conservation of biodiversity in England[8] were recorded during the survey House Sparrow and Starling; both species are likely to nest in buildings outside the site boundary. The site could support a limited assemblage of breeding birds typical of gardens. A limited range of birds could nest in hedgerows, woodland, scrub, wall, ditch and possibly in the building, polytunnels and glasshouses at the site.

Recommendations

4.4.1.3 Where possible, any works affecting potential bird nesting areas (hedgerows, woodland, scrub, wall, ditch, building, polytunnels and glasshouses) 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.

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[7] Habitats listed on Section 41 of the Natural Environment and Rural Communities (NERC) Act 2006 as Species of Principal Importance for the conservation of biodiversity in England.

[8] Species listed on Section 41 of the Natural Environment and Rural Communities (NERC) Act 2006 as Species of Principal Importance for the conservation of biodiversity in England.

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.

4.4.1.4 The site could potentially be enhanced through the provision of bird nesting boxes/bricks at the site, e.g. Swift bricks.

4.5 Bats

4.5.1.1 No evidence of bat roosts has been identified at the site. No trees are present within the site. The trees located in woodland just outside the site's northern boundary were assessed as having low bat roost potential.

4.5.1.2 The polytunnels and glasshouses at the site were assessed as having negligible bat roost potential due to the absence of suitable bat roost features. The building at the site is assessed as having low bat roost potential.

4.5.1.3 In terms of foraging and commuting habitats, the hedgerows, ditch and woodland at the site's northern, western and eastern boundaries provide potential bat flyways and foraging areas of moderate quality. The remainder of the site provides low quality foraging habitat for bats.

Recommendations

4.5.1.4 It is recommended that a minimum of one dusk emergence bat survey should be undertaken at the building on the site during the period May to August inclusive. Depending on the results of the survey, it may be necessary to undertake further surveys, mitigation and/or compensatory measures.

4.5.1.5 It is recommended that, where possible, hedgerows, woodland and the ditch should be retained in situ as part of 'dark corridors' (i.e. protected from artificial light spill). As a biodiversity enhancement, it is recommended that bat bricks should be provided as part of the proposed development. It may be necessary to prepare a Sensitive Lighting Strategy in order to maintain dark corridors for bats at the site.

4.6 Amphibians

4.6.1.1 WYES provided no records of Great Crested Newts within 2 km of the site. Two waterbodies potentially suitable for breeding Great Crested Newts have been identified within 500 metres of the site: P1 located in a private garden approximately 205 metres east of the site; and P2 located in a private garden approximately 240 metres east of the site.

4.6.1.2 Whilst much of the site provides poor quality terrestrial habitat for Great Crested Newts (glasshouses, polytunnels, building and vacant land comprising sparsely vegetated bare ground), the site provides some limited areas of potentially suitable terrestrial habitat for amphibians. Research[9] has shown that the majority of Great Crested Newts remain within 100 metres of breeding sites provided suitable terrestrial habitat is present in this area, although individuals may travel up to 500 metres, and rarely even further, from their breeding waterbodies. There is abundant suitable terrestrial habitat in close proximity to Ponds P1 and P2.

4.6.1.3 Based on all available information, it is considered that the potential for impacts on Great Crested Newts and their habitat is very low. No further surveys or mitigation measures are considered necessary. In the unlikely event that a Great Crested Newt is found during works at the site, work must stop immediately and advice sought from a Suitably Qualified Ecologist.

[9] 2.1.1.1 Cresswell, W. and Whitworth, R. 2004. English Nature Research Reports Number 576. An assessment of the efficiency of capture techniques and the value of different habitats for the great crested newt Triturus cristatus. ISSN 0967-876X.

4.7 Other Fauna

4.7.1.1 No evidence of Badger was observed at the site. Hedgehog (a Species of Principal Importance in England) could potentially occur within the site.

4.7.1.2 The ditch along the site's northern boundary was largely dry at the time of the survey and it is considered that the ditch does not provide suitable habitat for permanent populations of Water Vole, Otter or White-Clawed Crayfish.

4.7.1.3 Based on the nature of the habitats, it is considered very unlikely that notable species such as Water Vole, Otter or reptiles will occur at the site. No further surveys are considered necessary.

Recommendations

4.7.1.4 It is recommended that any new fences or walls should include 'Hedgehog Gaps' at the base, i.e. 13 cm x 13 cm gaps to enable Hedgehogs to move freely within and beyond individual gardens.

Appendix 1. Legislation and 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. Looking north-east from the south-west corner of the site

Photo 2. Looking north-west towards the south-western part of the site

Photo 3. Looking north across the north-western part of the site

Photo 4. Looking east along the site's northern boundary

Photo 5. Southern elevation of the building on the site

Photo 6. North elevation of building on the site

Photo 7. Looking east along the site's northern boundary in north-east corner of the site

Photo 8. Looking west along the site's northern boundary in north-east corner of the site

Photo 9. Looking north along the eastern edge of the site

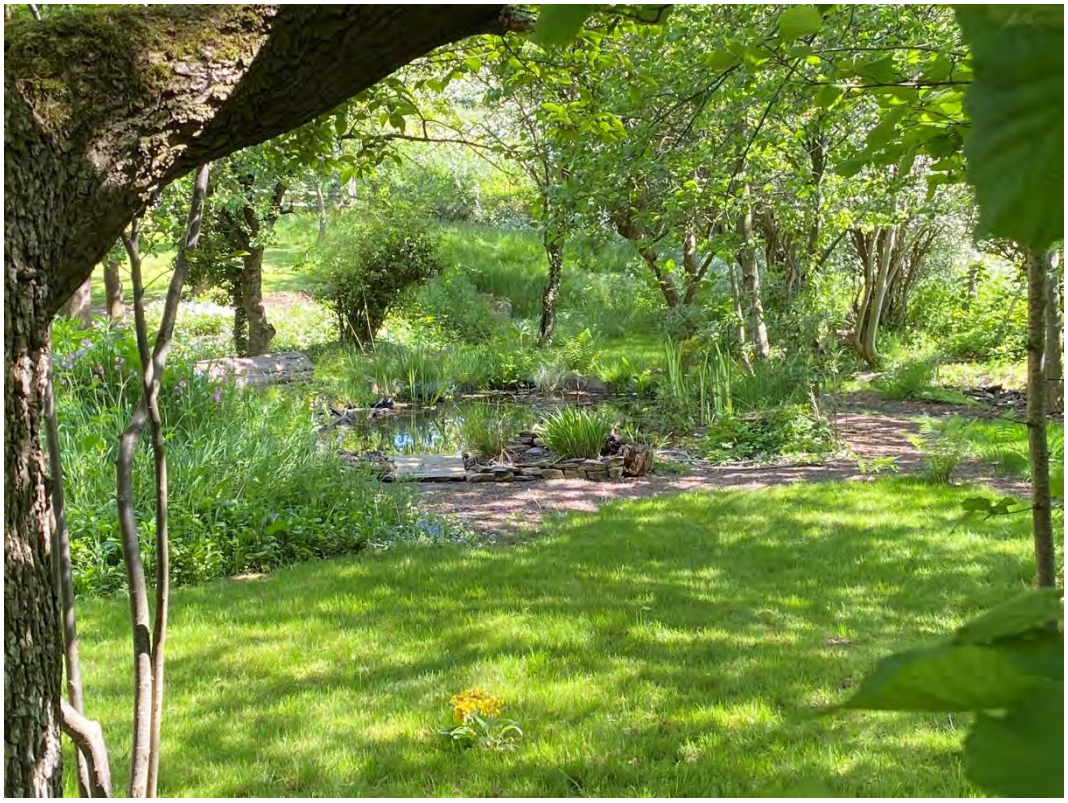
Photo 10. Looking west between glasshouses / polytunnels in centre of the site

Photo 11. Looking north onto the south-eastern part of the site

Photo 12. Looking north-west onto the site from south-east corner of the site

Photo 13. Japanese Rose *Rosa rugosa* within site's eastern hedge boundary

Photo 14. Off-site pond on private land approximately 240 metres east of the site



Appendix 3. Information provided by WYES

West Yorkshire Ecology Service
West Yorkshire Joint Services
Nepshaw Lane South
Morley
Leeds
LS27 0QP | LS27 7JQ (Sat Nav)
Tel: 0113 535 0158
Email: ecology@wyjs.org.uk

ECOLOGICAL RECORDS SEARCH

FOR

LUMB LANE NURSERIES, ALMONDBURY, HD4 6SZ

Ref No:- 20230517 K1105 RH

Date: 19/05/2023

Prepared For Toby Fisher

Quants Environmental Ltd

West Yorkshire Joint Services are provided by a Joint Committee of the Metropolitan Districts of Bradford, Calderdale, Kirklees, Leeds and Wakefield.

Table of Contents

1 Introduction 1
2 Species 1
2.1 Sensitive Species Records 1
2.1.1 Badgers 1
3 Designated sites 1
3.1 Internationally/Nationally Designated Sites 1
3.2 Locally Designated Sites 1
4 Habitats 2
4.1 Wildlife Habitat Network 2
4.2 Ancient Woodland 2

List of Figures

Figure 1 – Species and Designated Sites 3

List of Appendices

Appendix A – Explanation of Species Designations i
Appendix B – Explanation of Designated Sites iv
Appendix C – Designated Site Citations vi
Appendix D – Explanation to the supply of Badger Data vii
Appendix E – Species Records viii

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 1631 1430.

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-usage-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
Castle Hill	Local Wildlife Site
Hey Wood/West Wood	Local Wildlife Site
Longley Hill Plantation	Local Wildlife Site
Woodview Meadows Farnley Tyas	Local Wildlife Site
Castle Hill	Local Geological Site

Explanations for designated sites are provided in Appendix B.

Citations for locally designated sites are provided in Appendix C.

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

Name of Site	Designation
Castle Hill	Local Nature Reserve

Explanations for designated sites are provided in Appendix B.

4 Habitats

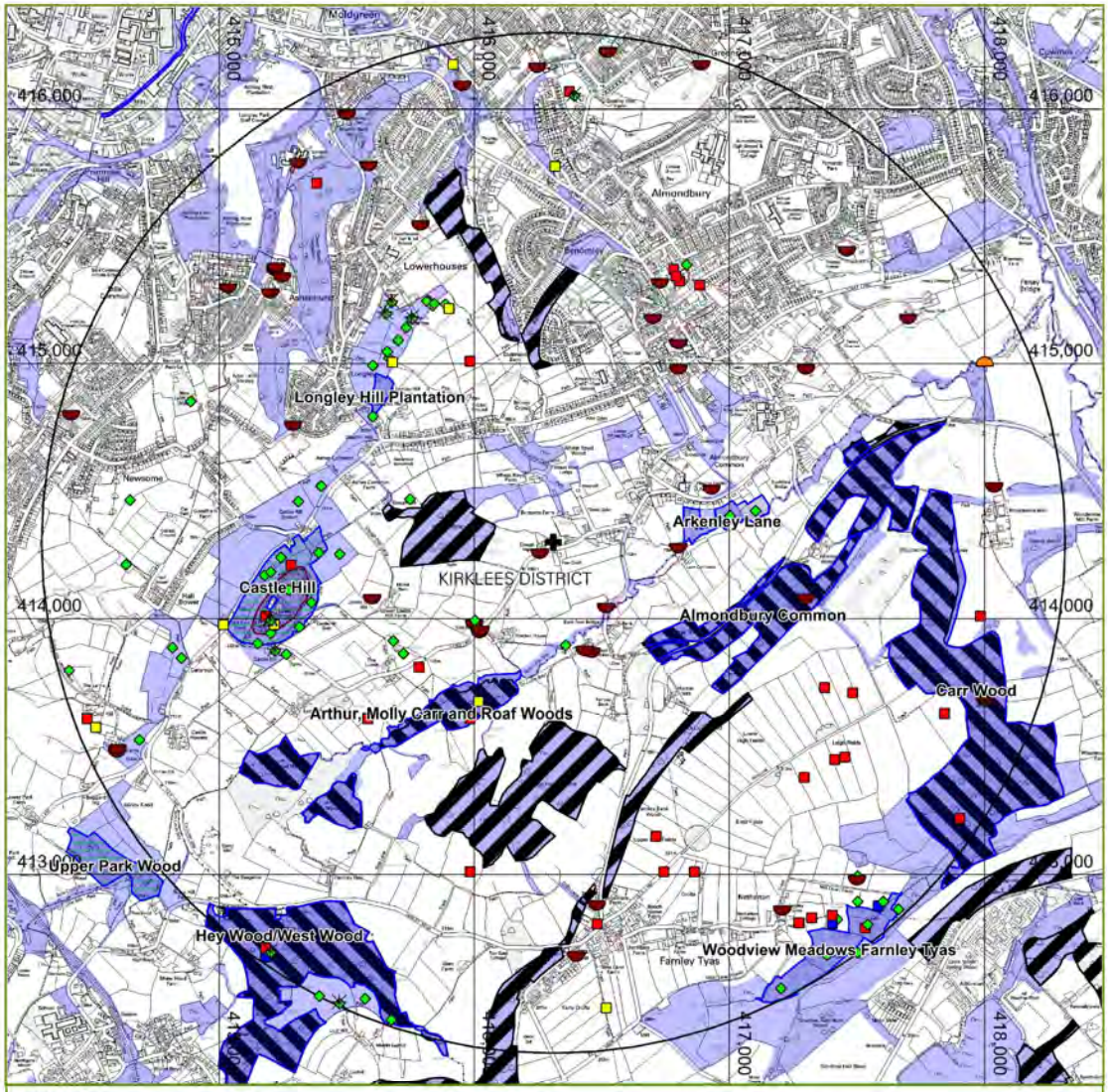
4.1 WILDLIFE HABITAT NETWORK

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

4.2 ANCIENT WOODLAND

There is no Ancient Semi-natural Woodland/Ancient Replanted Woodland within 100m of your site centroid.

Figure 1 – Species and Designated Sites



Legend

- Site Centroid
- 2km Search Radius
- Local Wildlife Site
- Ancient Semi-Natural Woodland
- Ancient Replanted Woodland
- *Local Nature Reserve
- *Local Geological Site
- Kirklees Wildlife Habitat Network

Notable Species

- Amphibian
- Bird
- Bony fish
- Flowering plant
- Fungus
- Invertebrate
- Reptile
- Terrestrial mammal

Invasive Non-Native Species

- Animal
- Plant

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0 1,000 meters

N W E S

West Yorkshire Ecology

Figure 1: Species and Designated Sites

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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	Description
HabReg-Sch2	Schedule 2: European protected species of animals
HabReg-Sch4	Schedule 4: Animals which may not be taken or killed in certain ways
HabReg-Sch5	Schedule 5: European protected species of plants

Birds of Conservation Concern (BoCC) 2021

List	Description
BoCC-Red	High conservation concern
BoCC-Amber	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, Section41 (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	Casual = Native species unable to persist for more than c. 5 years, and therefore dependent on constant reintroduction.
VC63:Int,Nv	Introduced &/or Native	
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	
-Occ	Occasional	
-R	Rare	Unconfirmed = species which has been reported as occurring, but has never been confirmed.
-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 new term for locally designated sites being adopted across West Yorkshire. Districts are currently going through a process of merging old designated nature conservation sites (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/media/69997/20190509-wy-local-sites-selection-criteria-09-may-2019-rm.docx

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 paragraph 114 of the National Planning Policy Framework for Conserving and enhancing the natural environment - Local planning authorities should: “set out a strategic approach in their Local Plans, planning positively for the creation, protection, enhancement and management of networks of biodiversity and green infrastructure”.

Kirklees

Wildlife Habitat Network data for Kirklees can be found on the link below:
http://consult.kirklees.gov.uk/portal/dlp_pol?pointId=s1442851813908

NE5 development proposals involving land identified on the proposals map as part of a wildlife corridor should make provision for the retention of the corridor and the protection of the wildlife value of the land.

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 D. Explanation to the supply of badger data

WYES limit the way in which we display badger records in data searches due to the sensitivity of the records. We have created a zone showing the increased probability of badger activity in an area. We have done this by taking badger records and putting a buffer of 472m (the radius of the average badger territory, from *Badger (Michael Clark), Whittet Books*, of 70ha assuming a circular area) around each record. This then shows a zone of the increased probability of badger activity across West Yorkshire. If there are badger records within 200m of the site centroid/boundary, a more detailed confidential badger report showing the badger records will be mapped and a spreadsheet with details of each record will be provided. If there are no sett records within 200m, we will supply the distance to the nearest known sett record if within the 2km. The records do not contain the grid reference, but do include a calculated distance from the site centroid/boundary.

This increased probability zone information is to be used to help ecological consultants justify the need for full badger surveys. We would expect them to:

a) See if the site falls within the “likely probability of badger activity” zone.
b) Assess the habitat as part of the Preliminary Ecological Assessment.
c) Use the 200m buffer detailed record information to try to locate all known setts.
d) Recommend a more detailed survey if required.
e) Undertake a full badger survey if required, assess habitat resource within likely territory and potential impact on any setts.
f) Recommend mitigation and habitat enhancement.

Appendix E. Species Records

Notable Species

Grid Ref	Common Name	Latin Name	Taxon Group	Date	Record Type	Abundance	Designation	Distance from site centroid (m)
SE152127	*Common Frog*	Rana temporaria	amphibian	08/05/1997	field record		Sch5_s9.5a; WYBAP	1,945
SE152127	*Common Frog*	Rana temporaria	amphibian	20/08/2002	field record		Sch5_s9.5a; WYBAP	1,945
SE17421283	*Common Frog*	Rana temporaria	amphibian	09/06/2011	field observation		Sch5_s9.5a; WYBAP	1,840
SE152127	*Common Toad*	Bufo bufo	amphibian	08/05/1997	field record		Sch5_s9.5a; NERC_s41; WYBAP; Kirklees BAP	1,945
SE152127	*Common Toad*	Bufo bufo	amphibian	20/08/2002	field record		Sch5_s9.5a; NERC_s41; WYBAP; Kirklees BAP	1,945
SE176129	*Common Toad*	Bufo bufo	amphibian	2008	field record		Sch5_s9.5a; NERC_s41; WYBAP; Kirklees BAP	1,901
SE1615	*Black-headed Gull*	Chroicocephalus ridibundus	bird	1970 - 1988	field record		RDB-VU:NonBrd; BoCC-Amber	765
SE152127	*Brambling*	Fringilla montifringilla	bird	08/05/1997	field record		Sch1_part1	1,945
SE152127	*Brambling*	Fringilla montifringilla	bird	1970 - 1988	field record		Sch1_part1	1,945
SE158138	*Brambling*	Fringilla montifringilla	bird	2002	field record		Sch1_part1	713
SE1613	*Brambling*	Fringilla montifringilla	bird	1970 - 1988	field record		Sch1_part1	1,336
SE1814	*Brambling*	Fringilla montifringilla	bird	1970 - 1988	field record		Sch1_part1	1,712
SE152127	*Bullfinch*	Pyrrhula pyrrhula	bird	08/05/1997	field record		BoCC-Amber; WYBAP; Kirklees BAP	1,945
SE152127	*Bullfinch*	Pyrrhula pyrrhula	bird	1970 - 1988	field record		BoCC-Amber; WYBAP; Kirklees BAP	1,945

Grid Ref	Common Name	Latin Name	Taxon Group	Date	Record Type	Abundance	Designation	Distance from site centroid (m)
SE152140	*Bullfinch*	Pyrrhula pyrrhula	bird	Unknown	field record		BoCC-Amber; WYBAP; Kirklees BAP	1,147
SE156136	*Bullfinch*	Pyrrhula pyrrhula	bird	1970 - 1988	field record		BoCC-Amber; WYBAP; Kirklees BAP	995
SE158138	*Bullfinch*	Pyrrhula pyrrhula	bird	2002	field record		BoCC-Amber; WYBAP; Kirklees BAP	713
SE1613	*Bullfinch*	Pyrrhula pyrrhula	bird	1970 - 1988	field record		BoCC-Amber; WYBAP; Kirklees BAP	1,336
SE1615	*Bullfinch*	Pyrrhula pyrrhula	bird	1970 - 1988	field record		BoCC-Amber; WYBAP; Kirklees BAP	765
SE16391606	*Bullfinch*	Pyrrhula pyrrhula	bird	24/01/2018	field record		BoCC-Amber; WYBAP; Kirklees BAP	1,761
SE1814	*Bullfinch*	Pyrrhula pyrrhula	bird	1970 - 1988	field record		BoCC-Amber; WYBAP; Kirklees BAP	1,712
SE152140	*Collared Dove*	Streptopelia decaocto	bird	Unknown	field record		RDB-NT:Brd	1,147
SE153142	*Collared Dove*	Streptopelia decaocto	bird	2008	field record		RDB-NT:Brd	1,012
SE154157	*Collared Dove*	Streptopelia decaocto	bird	16/05/2007	field record		RDB-NT:Brd	1,668
SE1615	*Collared Dove*	Streptopelia decaocto	bird	1970 - 1988	field record		RDB-NT:Brd	765
SE1814	*Collared Dove*	Streptopelia decaocto	bird	1970 - 1988	field record		RDB-NT:Brd	1,712
SE1613	*Common Redpoll*	Acanthis flammea	bird	1970 - 1988	field record		RDB-CR:Brd, RDB-VU:NonBrd; BoCC-Red	1,336
SE152127	*Cuckoo*	Cuculus canorus	bird	08/05/1997	field record		NERC_s41; RDB-VU:Brd; BoCC-Red; WYBAP	1,945
SE1613	*Cuckoo*	Cuculus canorus	bird	1970 - 1988	field record		NERC_s41; RDB-VU:Brd; BoCC-Red; WYBAP	1,336

Grid Ref	Common Name	Latin Name	Taxon Group	Date	Record Type	Abundance	Designation	Distance from site centroid (m)
SE175137	*Cuckoo*	Cuculus canorus	bird	21/05/2016	field record	2 Count	NERC_s41; RDB-VU:Brd; BoCC-Red; WYBAP	1,330
SE1814	*Cuckoo*	Cuculus canorus	bird	1970 - 1988	field record		NERC_s41; RDB-VU:Brd; BoCC-Red; WYBAP	1,712
SE152127	*Dunnock*	Prunella modularis	bird	08/05/1997	field record		BoCC-Amber; WYBAP; Kirklees BAP	1,945
SE152127	*Dunnock*	Prunella modularis	bird	1970 - 1988	field record		BoCC-Amber; WYBAP; Kirklees BAP	1,945
SE152140	*Dunnock*	Prunella modularis	bird	Unknown	field record		BoCC-Amber; WYBAP; Kirklees BAP	1,147
SE153142	*Dunnock*	Prunella modularis	bird	2008	field record		BoCC-Amber; WYBAP; Kirklees BAP	1,012
SE154157	*Dunnock*	Prunella modularis	bird	16/05/2007	field record		BoCC-Amber; WYBAP; Kirklees BAP	1,668
SE156136	*Dunnock*	Prunella modularis	bird	1970 - 1988	field record		BoCC-Amber; WYBAP; Kirklees BAP	995
SE1613	*Dunnock*	Prunella modularis	bird	1970 - 1988	field record		BoCC-Amber; WYBAP; Kirklees BAP	1,336
SE16391606	*Dunnock*	Prunella modularis	bird	24/01/2018	field record		BoCC-Amber; WYBAP; Kirklees BAP	1,761
SE1680715336	*Dunnock*	Prunella modularis	bird	13/08/2008	field record		BoCC-Amber; WYBAP; Kirklees BAP	1,148
SE1682215316	*Dunnock*	Prunella modularis	bird	13/08/2008	field record		BoCC-Amber; WYBAP; Kirklees BAP	1,137
SE169153	*Dunnock*	Prunella modularis	bird	13/08/2008	field record		BoCC-Amber; WYBAP; Kirklees BAP	1,160
SE1814	*Dunnock*	Prunella modularis	bird	1970 - 1988	field record		BoCC-Amber; WYBAP; Kirklees BAP	1,712
SE152127	*Fieldfare*	Turdus pilaris	bird	08/05/1997	field record		Sch1_part1; RDB-CR(PE):Brd; BoCC-Red	1,945

Grid Ref	Common Name	Latin Name	Taxon Group	Date	Record Type	Abundance	Designation	Distance from site centroid (m)
SE152127	*Fieldfare*	Turdus pilaris	bird	1970 - 1988	field record		Sch1_part1; RDB-CR(PE):Brd; BoCC-Red	1,945
SE152140	*Fieldfare*	Turdus pilaris	bird	Unknown	field record		Sch1_part1; RDB-CR(PE):Brd; BoCC-Red	1,147
SE156136	*Fieldfare*	Turdus pilaris	bird	1970 - 1988	field record		Sch1_part1; RDB-CR(PE):Brd; BoCC-Red	995
SE1613	*Fieldfare*	Turdus pilaris	bird	1970 - 1988	field record		Sch1_part1; RDB-CR(PE):Brd; BoCC-Red	1,336
SE1814	*Fieldfare*	Turdus pilaris	bird	1970 - 1988	field record		Sch1_part1; RDB-CR(PE):Brd; BoCC-Red	1,712
SE152127	*Goldfinch*	Carduelis carduelis	bird	08/05/1997	field record		Kirklees BAP	1,945
SE152140	*Goldfinch*	Carduelis carduelis	bird	Unknown	field record		Kirklees BAP	1,147
SE1613	*Goldfinch*	Carduelis carduelis	bird	1970 - 1988	field record		Kirklees BAP	1,336
SE16391606	*Goldfinch*	Carduelis carduelis	bird	24/01/2018	field record		Kirklees BAP	1,761
SE1814	*Goldfinch*	Carduelis carduelis	bird	1970 - 1988	field record		Kirklees BAP	1,712
SE152127	*Greenfinch*	Chloris chloris	bird	08/05/1997	field record		RDB-EN:Brd; BoCC-Red	1,945
SE153142	*Greenfinch*	Chloris chloris	bird	2008	field record		RDB-EN:Brd; BoCC-Red	1,012
SE1613	*Greenfinch*	Chloris chloris	bird	1970 - 1988	field record		RDB-EN:Brd; BoCC-Red	1,336
SE1615	*Greenfinch*	Chloris chloris	bird	1970 - 1988	field record		RDB-EN:Brd; BoCC-Red	765
SE1814	*Greenfinch*	Chloris chloris	bird	1970 - 1988	field record		RDB-EN:Brd; BoCC-Red	1,712

Grid Ref	Common Name	Latin Name	Taxon Group	Date	Record Type	Abundance	Designation	Distance from site centroid (m)
SE1613	*Grey Partridge*	Perdix perdix	bird	1970 - 1988	field record		NERC_s41; RDB-VU:Brd; BoCC-Red; WYBAP; Kirklees BAP	1,336
SE152140	*House Martin*	Delichon urbicum	bird	Unknown	field record		RDB-VU:Brd; BoCC-Red	1,147
SE1613	*House Martin*	Delichon urbicum	bird	1970 - 1988	field record		RDB-VU:Brd; BoCC-Red	1,336
SE152127	*House Sparrow*	Passer domesticus	bird	1970 - 1988	field record		NERC_s41; BoCC-Red; WYBAP; Kirklees BAP	1,945
SE1613	*House Sparrow*	Passer domesticus	bird	1970 - 1988	field record		NERC_s41; BoCC-Red; WYBAP; Kirklees BAP	1,336
SE1615	*House Sparrow*	Passer domesticus	bird	1970 - 1988	field record		NERC_s41; BoCC-Red; WYBAP; Kirklees BAP	765
SE16391606	*House Sparrow*	Passer domesticus	bird	24/01/2018	field record		NERC_s41; BoCC-Red; WYBAP; Kirklees BAP	1,761
SE152127	*Kestrel*	Falco tinnunculus	bird	08/05/1997	field record		RDB-VU:Brd; BoCC-Amber; WYBAP; Kirklees BAP	1,945
SE152127	*Kestrel*	Falco tinnunculus	bird	1970 - 1988	field record		RDB-VU:Brd; BoCC-Amber; WYBAP; Kirklees BAP	1,945
SE152140	*Kestrel*	Falco tinnunculus	bird	Unknown	field record		RDB-VU:Brd; BoCC-Amber; WYBAP; Kirklees BAP	1,147
SE153142	*Kestrel*	Falco tinnunculus	bird	2008	field record		RDB-VU:Brd; BoCC-Amber; WYBAP; Kirklees BAP	1,012
SE156136	*Kestrel*	Falco tinnunculus	bird	1970 - 1988	field record		RDB-VU:Brd; BoCC-Amber; WYBAP; Kirklees BAP	995

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SE1613	*Kestrel*	Falco tinnunculus	bird	1970 - 1988	field record		RDB-VU:Brd; BoCC-Amber; WYBAP; Kirklees BAP	1,336
SE1814	*Kestrel*	Falco tinnunculus	bird	1970 - 1988	field record		RDB-VU:Brd; BoCC-Amber; WYBAP; Kirklees BAP	1,712
SE152140	*Lesser Black-backed Gull*	Larus fuscus	bird	Unknown	field record		BoCC-Amber	1,147
SE152127	*Lesser Spotted Woodpecker*	Dryobates minor	bird	1970 - 1988	field record		RDB-EN:Brd; BoCC-Red	1,945
SE160136	*Lesser Spotted Woodpecker*	Dryobates minor	bird	2002	field record		RDB-EN:Brd; BoCC-Red	765
SE1613	*Lesser Spotted Woodpecker*	Dryobates minor	bird	1970 - 1988	field record		RDB-EN:Brd; BoCC-Red	1,336
SE1814	*Lesser Spotted Woodpecker*	Dryobates minor	bird	1970 - 1988	field record		RDB-EN:Brd; BoCC-Red	1,712
SE145136	*Linnet*	Linaria cannabina	bird	13/05/2015	field observation	1 Count	RDB-NT:Brd; BoCC-Red; Kirklees BAP	1,936
SE145136	*Linnet*	Linaria cannabina	bird	13/05/2015	field observation	1 Count	RDB-NT:Brd; BoCC-Red; Kirklees BAP	1,936
SE145136	*Linnet*	Linaria cannabina	bird	16/06/2015	field observation	1 Count	RDB-NT:Brd; BoCC-Red; Kirklees BAP	1,936
SE145136	*Linnet*	Linaria cannabina	bird	21/04/2015	field observation	1 Count	RDB-NT:Brd; BoCC-Red; Kirklees BAP	1,936
SE145136	*Linnet*	Linaria cannabina	bird	21/04/2015	field observation	1 Count	RDB-NT:Brd; BoCC-Red; Kirklees BAP	1,936
SE145136	*Linnet*	Linaria cannabina	bird	21/04/2015	field observation	1 Count	RDB-NT:Brd; BoCC-Red; Kirklees BAP	1,936
SE145136	*Linnet*	Linaria cannabina	bird	21/04/2015	field observation	4 Count	RDB-NT:Brd; BoCC-Red; Kirklees BAP	1,936
SE145136	*Linnet*	Linaria cannabina	bird	21/04/2015	field observation	1 Count	RDB-NT:Brd; BoCC-Red; Kirklees BAP	1,936

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SE145136	*Linnet*	Linaria cannabina	bird	21/04/2015	field observation	1 Count	RDB-NT:Brd; BoCC-Red; Kirklees BAP	1,936
SE145136	*Linnet*	Linaria cannabina	bird	21/05/2015	field observation	1 Count	RDB-NT:Brd; BoCC-Red; Kirklees BAP	1,936
SE145136	*Linnet*	Linaria cannabina	bird	21/05/2015	field observation	1 Count	RDB-NT:Brd; BoCC-Red; Kirklees BAP	1,936
SE145136	*Linnet*	Linaria cannabina	bird	21/05/2015	field observation	1 Count	RDB-NT:Brd; BoCC-Red; Kirklees BAP	1,936
SE145136	*Linnet*	Linaria cannabina	bird	21/05/2015	field observation	4 Count	RDB-NT:Brd; BoCC-Red; Kirklees BAP	1,936
SE145136	*Linnet*	Linaria cannabina	bird	21/05/2015	field observation	1 Count	RDB-NT:Brd; BoCC-Red; Kirklees BAP	1,936
SE145136	*Linnet*	Linaria cannabina	bird	21/05/2015	field observation	1 Count	RDB-NT:Brd; BoCC-Red; Kirklees BAP	1,936
SE152127	*Linnet*	Linaria cannabina	bird	08/05/1997	field record		RDB-NT:Brd; BoCC-Red; Kirklees BAP	1,945
SE152140	*Linnet*	Linaria cannabina	bird	Unknown	field record		RDB-NT:Brd; BoCC-Red; Kirklees BAP	1,147
SE156136	*Linnet*	Linaria cannabina	bird	1970 - 1988	field record		RDB-NT:Brd; BoCC-Red; Kirklees BAP	995
SE158138	*Linnet*	Linaria cannabina	bird	2002	field record		RDB-NT:Brd; BoCC-Red; Kirklees BAP	713
SE1613	*Linnet*	Linaria cannabina	bird	1970 - 1988	field record		RDB-NT:Brd; BoCC-Red; Kirklees BAP	1,336
SE1673013140	*Linnet*	Linaria cannabina	bird	07/04/2000 - 07/06/2000	field record	1 Count of Breeding Pair	RDB-NT:Brd; BoCC-Red; Kirklees BAP	1,233
SE1676013000	*Linnet*	Linaria cannabina	bird	15/04/2000 - 15/06/2000	field record	2 Count of Breeding Pair	RDB-NT:Brd; BoCC-Red; Kirklees BAP	1,375
SE1688013000	*Linnet*	Linaria cannabina	bird	15/04/2000 - 15/06/2000	field record	1 Count of Breeding Pair	RDB-NT:Brd; BoCC-Red; Kirklees BAP	1,418
SE1729012800	*Linnet*	Linaria cannabina	bird	15/04/2000 - 15/06/2000	field record		RDB-NT:Brd; BoCC-Red; Kirklees BAP	1,790
SE1814	*Linnet*	Linaria cannabina	bird	1970 - 1988	field record		RDB-NT:Brd; BoCC-Red; Kirklees BAP	1,712

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SE152127	*Mallard*	Anas platyrhynchos	bird	08/05/1997	field record		RDB-NT:NonBrd; BoCC-Amber	1,945
SE1613	*Mallard*	Anas platyrhynchos	bird	1970 - 1988	field record		RDB-NT:NonBrd; BoCC-Amber	1,336
SE152140	*Meadow Pipit*	Anthus pratensis	bird	2002	field record		BoCC-Amber	1,147
SE152127	*Mistle Thrush*	Turdus viscivorus	bird	08/05/1997	field record		RDB-VU:Brd; BoCC-Red	1,945
SE152127	*Mistle Thrush*	Turdus viscivorus	bird	1970 - 1988	field record		RDB-VU:Brd; BoCC-Red	1,945
SE153142	*Mistle Thrush*	Turdus viscivorus	bird	2008	field record		RDB-VU:Brd; BoCC-Red	1,012
SE1613	*Mistle Thrush*	Turdus viscivorus	bird	1970 - 1988	field record		RDB-VU:Brd; BoCC-Red	1,336
SE1814	*Mistle Thrush*	Turdus viscivorus	bird	1970 - 1988	field record		RDB-VU:Brd; BoCC-Red	1,712
SE152127	*Moorhen*	Gallinula chloropus	bird	08/05/1997	field record		RDB-VU:Brd; BoCC-Amber	1,945
SE1613	*Moorhen*	Gallinula chloropus	bird	1970 - 1988	field record		RDB-VU:Brd; BoCC-Amber	1,336
SE152127	*Redpoll (Common\Lesser)*	Acanthis flammea/cabaret	bird	08/05/1997	field record		RDB-CR:Brd, RDB-VU:NonBrd; BoCC-Red	1,945
SE158138	*Redpoll (Common\Lesser)*	Acanthis flammea/cabaret	bird	2002	field record		RDB-CR:Brd, RDB-VU:NonBrd; BoCC-Red	713
SE1613	*Redstart*	Phoenicurus phoenicurus	bird	1970 - 1988	field record		BoCC-Amber	1,336
SE152127	*Redwing*	Turdus iliacus	bird	08/05/1997	field record		Sch1_part1; RDB-CR:Brd; BoCC-Amber	1,945
SE152127	*Redwing*	Turdus iliacus	bird	1970 - 1988	field record		Sch1_part1; RDB-CR:Brd; BoCC-Amber	1,945
SE156136	*Redwing*	Turdus iliacus	bird	1970 - 1988	field record		Sch1_part1; RDB-CR:Brd; BoCC-Amber	995

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SE1814	*Redwing*	Turdus iliacus	bird	1970 - 1988	field record		Sch1_part1; RDB-CR:Brd; BoCC-Amber	1,712
SE158138	*Skylark*	Alauda arvensis	bird	2002	field record		NERC_s41; BoCC-Red; WYBAP; Kirklees BAP	713
SE1731013370	*Skylark*	Alauda arvensis	bird	15/04/2000 - 15/06/2000	field record	1 Count of Breeding Pair	NERC_s41; BoCC-Red; WYBAP; Kirklees BAP	1,363
SE1739013720	*Skylark*	Alauda arvensis	bird	15/04/2000 - 15/06/2000	field record	1 Count of Breeding Pair	NERC_s41; BoCC-Red; WYBAP; Kirklees BAP	1,223
SE1743013440	*Skylark*	Alauda arvensis	bird	15/04/2000 - 15/06/2000	field record	1 Count of Breeding Pair	NERC_s41; BoCC-Red; WYBAP; Kirklees BAP	1,409
SE152127	*Song Thrush*	Turdus philomelos	bird	08/05/1997	field record		BoCC-Amber; WYBAP; Kirklees BAP	1,945
SE152127	*Song Thrush*	Turdus philomelos	bird	1970 - 1988	field record		BoCC-Amber; WYBAP; Kirklees BAP	1,945
SE152140	*Song Thrush*	Turdus philomelos	bird	Unknown	field record		BoCC-Amber; WYBAP; Kirklees BAP	1,147
SE156136	*Song Thrush*	Turdus philomelos	bird	1970 - 1988	field record		BoCC-Amber; WYBAP; Kirklees BAP	995
SE158138	*Song Thrush*	Turdus philomelos	bird	2002	field record		BoCC-Amber; WYBAP; Kirklees BAP	713
SE1613	*Song Thrush*	Turdus philomelos	bird	1970 - 1988	field record		BoCC-Amber; WYBAP; Kirklees BAP	1,336
SE1615	*Song Thrush*	Turdus philomelos	bird	1970 - 1988	field record		BoCC-Amber; WYBAP; Kirklees BAP	765
SE1673013140	*Song Thrush*	Turdus philomelos	bird	07/04/2000 - 07/06/2000	field record	1 Count of Breeding Pair	BoCC-Amber; WYBAP; Kirklees BAP	1,233
SE1755012780	*Song Thrush*	Turdus philomelos	bird	15/04/2000 - 15/06/2000	field record	1 Count of Breeding Pair	BoCC-Amber; WYBAP; Kirklees BAP	1,959
SE1792013210	*Song Thrush*	Turdus philomelos	bird	15/04/2000 - 15/06/2000	field record	1 Count of Breeding Pair	BoCC-Amber; WYBAP; Kirklees BAP	1,940

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SE1814	*Song Thrush*	Turdus philomelos	bird	1970 - 1988	field record		BoCC-Amber; WYBAP; Kirklees BAP	1,712
SE152140	*Sparrowhawk*	Accipiter nisus	bird	Unknown	field record		RDB-NT:Brd; BoCC-Amber	1,147
SE1814	*Sparrowhawk*	Accipiter nisus	bird	1970 - 1988	field record		RDB-NT:Brd; BoCC-Amber	1,712
SE152127	*Spotted Flycatcher*	Muscicapa striata	bird	1970 - 1988	field record		NERC_s41; BoCC-Red; WYBAP; Kirklees BAP	1,945
SE1613	*Spotted Flycatcher*	Muscicapa striata	bird	1970 - 1988	field record		NERC_s41; BoCC-Red; WYBAP; Kirklees BAP	1,336
SE1814	*Spotted Flycatcher*	Muscicapa striata	bird	1970 - 1988	field record		NERC_s41; BoCC-Red; WYBAP; Kirklees BAP	1,712
SE152127	*Starling*	Sturnus vulgaris	bird	08/05/1997	field record		RDB-VU:Brd; BoCC-Red; WYBAP; Kirklees BAP	1,945
SE152127	*Starling*	Sturnus vulgaris	bird	1970 - 1988	field record		RDB-VU:Brd; BoCC-Red; WYBAP; Kirklees BAP	1,945
SE156136	*Starling*	Sturnus vulgaris	bird	1970 - 1988	field record		RDB-VU:Brd; BoCC-Red; WYBAP; Kirklees BAP	995
SE1613	*Starling*	Sturnus vulgaris	bird	1970 - 1988	field record		RDB-VU:Brd; BoCC-Red; WYBAP; Kirklees BAP	1,336
SE1615	*Starling*	Sturnus vulgaris	bird	1970 - 1988	field record		RDB-VU:Brd; BoCC-Red; WYBAP; Kirklees BAP	765
SE1814	*Starling*	Sturnus vulgaris	bird	1970 - 1988	field record		RDB-VU:Brd; BoCC-Red; WYBAP; Kirklees BAP	1,712
SE1613	*Stock Dove*	Columba oenas	bird	1970 - 1988	field record		BoCC-Amber; Kirklees BAP	1,336

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SE1814	*Stock Dove*	Columba oenas	bird	1970 - 1988	field record		BoCC-Amber; Kirklees BAP	1,712
SE152127	*Swallow*	Hirundo rustica	bird	1970 - 1988	field record		WYBAP; Kirklees BAP	1,945
SE152140	*Swallow*	Hirundo rustica	bird	Unknown	field record		WYBAP; Kirklees BAP	1,147
SE153142	*Swallow*	Hirundo rustica	bird	2008	field record		WYBAP; Kirklees BAP	1,012
SE1613	*Swallow*	Hirundo rustica	bird	1970 - 1988	field record		WYBAP; Kirklees BAP	1,336
SE1814	*Swallow*	Hirundo rustica	bird	1970 - 1988	field record		WYBAP; Kirklees BAP	1,712
SE152140	*Swift*	Apus apus	bird	Unknown	field record		RDB-EN:Brd; BoCC-Red; WYBAP	1,147
SE153142	*Swift*	Apus apus	bird	2008	field record		RDB-EN:Brd; BoCC-Red; WYBAP	1,012
SE154157	*Swift*	Apus apus	bird	16/05/2007	field record		RDB-EN:Brd; BoCC-Red; WYBAP	1,668
SE1649912795	*Swift*	Apus apus	bird	2010	field record		RDB-EN:Brd; BoCC-Red; WYBAP	1,516
SE152127	*Tawny Owl*	Strix aluco	bird	08/05/1997	field record		RDB-NT:Brd; BoCC-Amber	1,945
SE152127	*Tawny Owl*	Strix aluco	bird	1970 - 1988	field record		RDB-NT:Brd; BoCC-Amber	1,945
SE156136	*Tawny Owl*	Strix aluco	bird	1970 - 1988	field record		RDB-NT:Brd; BoCC-Amber	995
SE1613	*Tawny Owl*	Strix aluco	bird	1970 - 1988	field record		RDB-NT:Brd; BoCC-Amber	1,336
SE1814	*Tawny Owl*	Strix aluco	bird	1970 - 1988	field record		RDB-NT:Brd; BoCC-Amber	1,712
SE152127	*Tree Pipit*	Anthus trivialis	bird	1970 - 1988	field record		NERC_s41; BoCC-Red; WYBAP; Kirklees BAP	1,945
SE1613	*Tree Pipit*	Anthus trivialis	bird	1970 - 1988	field record		NERC_s41; BoCC-Red; WYBAP; Kirklees BAP	1,336
SE1814	*Tree Pipit*	Anthus trivialis	bird	1970 - 1988	field record		NERC_s41; BoCC-Red; WYBAP; Kirklees BAP	1,712

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SE152127	*Tree Sparrow*	Passer montanus	bird	1970 - 1988	field record		NERC_s41; RDB-VU:Brd; BoCC-Red; WYBAP; Kirklees BAP	1,945
SE156136	*Tree Sparrow*	Passer montanus	bird	1970 - 1988	field record		NERC_s41; RDB-VU:Brd; BoCC-Red; WYBAP; Kirklees BAP	995
SE158138	*Tree Sparrow*	Passer montanus	bird	2002	field record		NERC_s41; RDB-VU:Brd; BoCC-Red; WYBAP; Kirklees BAP	713
SE1613	*Tree Sparrow*	Passer montanus	bird	1970 - 1988	field record		NERC_s41; RDB-VU:Brd; BoCC-Red; WYBAP; Kirklees BAP	1,336
SE1814	*Tree Sparrow*	Passer montanus	bird	1970 - 1988	field record		NERC_s41; RDB-VU:Brd; BoCC-Red; WYBAP; Kirklees BAP	1,712
SE152140	*Wheatear*	Oenanthe oenanthe	bird	Unknown	field record		BoCC-Amber	1,147
SE152127	*Whitethroat*	Curruca communis	bird	1970 - 1988	field record		BoCC-Amber	1,945
SE1613	*Willow Tit*	Poecile montanus	bird	1970 - 1988	field record		RDB-EN:Brd; BoCC-Red	1,336
SE17421283	*Willow Tit*	Poecile montanus	bird	09/06/2011	field observation		RDB-EN:Brd; BoCC-Red	1,840
SE152127	*Willow Warbler*	Phylloscopus trochilus	bird	08/05/1997	field record		BoCC-Amber	1,945
SE152127	*Willow Warbler*	Phylloscopus trochilus	bird	1970 - 1988	field record		BoCC-Amber	1,945
SE153142	*Willow Warbler*	Phylloscopus trochilus	bird	2008	field record		BoCC-Amber	1,012
SE156136	*Willow Warbler*	Phylloscopus trochilus	bird	1970 - 1988	field record		BoCC-Amber	995
SE1613	*Willow Warbler*	Phylloscopus trochilus	bird	1970 - 1988	field record		BoCC-Amber	1,336

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SE17421283	*Willow Warbler*	Phylloscopus trochilus	bird	14/06/2011	None		BoCC-Amber	1,840
SE1814	*Willow Warbler*	Phylloscopus trochilus	bird	1970 - 1988	field record		BoCC-Amber	1,712
SE1613	*Wood Warbler*	Phylloscopus sibilatrix	bird	1970 - 1988	field record		NERC_s41; RDB-VU:Brd; BoCC-Red; WYBAP; Kirklees BAP	1,336
SE17341282	*Woodcock*	Scolopax rusticola	bird	07/02/2018	field record	2 Count	RDB-VU:Brd; BoCC-Red; Kirklees BAP	1,801
SE152127	*Woodpigeon*	Columba palumbus	bird	08/05/1997	field record		BoCC-Amber	1,945
SE152127	*Woodpigeon*	Columba palumbus	bird	1970 - 1988	field record		BoCC-Amber	1,945
SE152140	*Woodpigeon*	Columba palumbus	bird	Unknown	field record		BoCC-Amber	1,147
SE154157	*Woodpigeon*	Columba palumbus	bird	16/05/2007	field record		BoCC-Amber	1,668
SE156136	*Woodpigeon*	Columba palumbus	bird	1970 - 1988	field record		BoCC-Amber	995
SE1613	*Woodpigeon*	Columba palumbus	bird	1970 - 1988	field record		BoCC-Amber	1,336
SE17421283	*Woodpigeon*	Columba palumbus	bird	14/06/2011	None		BoCC-Amber	1,840
SE1814	*Woodpigeon*	Columba palumbus	bird	1970 - 1988	field record		BoCC-Amber	1,712
SE152127	*Wren*	Troglodytes troglodytes	bird	08/05/1997	field record		BoCC-Amber	1,945
SE152127	*Wren*	Troglodytes troglodytes	bird	1970 - 1988	field record		BoCC-Amber	1,945
SE152140	*Wren*	Troglodytes troglodytes	bird	October 2005	field record		BoCC-Amber	1,147
SE153142	*Wren*	Troglodytes troglodytes	bird	2008	field record		BoCC-Amber	1,012

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SE154157	*Wren*	Troglodytes troglodytes	bird	16/05/2007	field record		BoCC-Amber	1,668
SE156136	*Wren*	Troglodytes troglodytes	bird	1970 - 1988	field record		BoCC-Amber	995
SE1613	*Wren*	Troglodytes troglodytes	bird	1970 - 1988	field record		BoCC-Amber	1,336
SE16391606	*Wren*	Troglodytes troglodytes	bird	24/01/2018	field record		BoCC-Amber	1,761
SE1679915362	*Wren*	Troglodytes troglodytes	bird	13/08/2008	field record		BoCC-Amber	1,168
SE1680715336	*Wren*	Troglodytes troglodytes	bird	13/08/2008	field record		BoCC-Amber	1,148
SE1682215316	*Wren*	Troglodytes troglodytes	bird	13/08/2008	field record		BoCC-Amber	1,137
SE169153	*Wren*	Troglodytes troglodytes	bird	13/08/2008	field record		BoCC-Amber	1,160
SE17421283	*Wren*	Troglodytes troglodytes	bird	14/06/2011	None		BoCC-Amber	1,840
SE1814	*Wren*	Troglodytes troglodytes	bird	1970 - 1988	field record		BoCC-Amber	1,712
SE1814	*Yellow-browed Warbler*	Phylloscopus inornatus	bird	1970 - 1988	field record		BoCC-Amber	1,712
SE152127	*Yellowhammer*	Emberiza citrinella	bird	1970 - 1988	field record		NERC_s41; BoCC-Red; WYBAP	1,945
SE152140	*Yellowhammer*	Emberiza citrinella	bird	October 2005	field record		NERC_s41; BoCC-Red; WYBAP	1,147
SE153142	*Yellowhammer*	Emberiza citrinella	bird	2008	field record		NERC_s41; BoCC-Red; WYBAP	1,012
SE156136	*Yellowhammer*	Emberiza citrinella	bird	1970 - 1988	field record		NERC_s41; BoCC-Red; WYBAP	995
SE158138	*Yellowhammer*	Emberiza citrinella	bird	2002	field record		NERC_s41; BoCC-Red; WYBAP	713

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SE1613	*Yellowhammer*	Emberiza citrinella	bird	1970 - 1988	field record		NERC_s41; BoCC-Red; WYBAP	1,336
SE1729012800	*Yellowhammer*	Emberiza citrinella	bird	15/04/2000 - 15/06/2000	field record	1 Count of Breeding Pair	NERC_s41; BoCC-Red; WYBAP	1,790
SE1743013440	*Yellowhammer*	Emberiza citrinella	bird	15/04/2000 - 15/06/2000	field record	3 Count of Pair	NERC_s41; BoCC-Red; WYBAP	1,409
SE1747013450	*Yellowhammer*	Emberiza citrinella	bird	15/04/2000 - 15/06/2000	field record	1 Count of Breeding Pair	NERC_s41; BoCC-Red; WYBAP	1,435
SE1755012780	*Yellowhammer*	Emberiza citrinella	bird	15/04/2000 - 15/06/2000	field record	1 Count of Breeding Pair	NERC_s41; BoCC-Red; WYBAP	1,959
SE1786013620	*Yellowhammer*	Emberiza citrinella	bird	15/04/2000 - 15/06/2000	field record	1 Count of Breeding Pair	NERC_s41; BoCC-Red; WYBAP	1,689
SE1814	*Yellowhammer*	Emberiza citrinella	bird	1970 - 1988	field record		NERC_s41; BoCC-Red; WYBAP	1,712
SE1463414220	*Bitter-vetch*	Lathyrus linifolius	flowering plant	30/06/2020	field observation		RDB-NT	1,673
SE1481513893	*Bitter-vetch*	Lathyrus linifolius	flowering plant	24/06/2020	field observation		RDB-NT	1,545
SE1485013853	*Bitter-vetch*	Lathyrus linifolius	flowering plant	24/06/2020	field observation		RDB-NT	1,523
SE152140	*Bitter-vetch*	Lathyrus linifolius	flowering plant	October 2005	field record		RDB-NT	1,147
SE1539714527	*Bitter-vetch*	Lathyrus linifolius	flowering plant	15/08/2020	field observation		RDB-NT	938
SE15471426	*Bitter-vetch*	Lathyrus linifolius	flowering plant	20/08/2020	field observation		RDB-NT	839
SE17201256	*Bitter-vetch*	Lathyrus linifolius	flowering plant	14/06/2011	field observation		RDB-NT	1,953
SE176129	*Bitter-vetch*	Lathyrus linifolius	flowering plant	2008	field record		RDB-NT	1,901
SE17661287	*Bitter-vetch*	Lathyrus linifolius	flowering plant	14/06/2011	field observation		RDB-NT	1,964

Grid Ref	Common Name	Latin Name	Taxon Group	Date	Record Type	Abundance	Designation	Distance from site centroid (m)
SE1441013804	*Bluebell*	Hyacinthoides non-scripta	flowering plant	22/06/2020	field observation		Sch8; Kirklees BAP	1,959
SE1463414220	*Bluebell*	Hyacinthoides non-scripta	flowering plant	30/06/2020	field observation		Sch8; Kirklees BAP	1,673
SE1464814472	*Bluebell*	Hyacinthoides non-scripta	flowering plant	30/06/2020	field observation		Sch8; Kirklees BAP	1,666
SE1488614859	*Bluebell*	Hyacinthoides non-scripta	flowering plant	15/08/2020	field observation		Sch8; Kirklees BAP	1,526
SE15201419	*Bluebell*	Hyacinthoides non-scripta	flowering plant	2008	field record		Sch8; Kirklees BAP	1,112
SE152127	*Bluebell*	Hyacinthoides non-scripta	flowering plant	08/05/1997	field record	D Range of DAFOR	Sch8; Kirklees BAP	1,945
SE152127	*Bluebell*	Hyacinthoides non-scripta	flowering plant	20/08/2002	field record	D Range of DAFOR	Sch8; Kirklees BAP	1,945
SE1531313974	*Bluebell*	Hyacinthoides non-scripta	flowering plant	30/06/2015	field observation	O Count of DAFOR	Sch8; Kirklees BAP	1,046
SE15361407	*Bluebell*	Hyacinthoides non-scripta	flowering plant	2008	field record		Sch8; Kirklees BAP	975
SE1538914266	*Bluebell*	Hyacinthoides non-scripta	flowering plant	30/06/2015	field observation	O Count of DAFOR	Sch8; Kirklees BAP	919
SE15471426	*Bluebell*	Hyacinthoides non-scripta	flowering plant	20/08/2020	field observation		Sch8; Kirklees BAP	839
SE156148	*Bluebell*	Hyacinthoides non-scripta	flowering plant	30/06/2015	field observation	LA Count of DAFOR	Sch8; Kirklees BAP	867
SE156150	*Bluebell*	Hyacinthoides non-scripta	flowering plant	30/06/2015	field observation	R Count of DAFOR	Sch8; Kirklees BAP	995
SE156150	*Bluebell*	Hyacinthoides non-scripta	flowering plant	30/06/2015	field observation	O Count of DAFOR	Sch8; Kirklees BAP	995
SE1565615054	*Bluebell*	Hyacinthoides non-scripta	flowering plant	29/09/2020	field observation		Sch8; Kirklees BAP	997
SE1566315029	*Bluebell*	Hyacinthoides non-scripta	flowering plant	30/07/2006 - 12/09/2006	field record	Occasional Count of DAFOR	Sch8; Kirklees BAP	973

Grid Ref	Common Name	Latin Name	Taxon Group	Date	Record Type	Abundance	Designation	Distance from site centroid (m)
SE1567312437	*Bluebell*	Hyacinthoides non-scripta	flowering plant	15/05/2015	field observation	LA Count of DAFOR	Sch8; Kirklees BAP	1,968
SE15681392	*Bluebell*	Hyacinthoides non-scripta	flowering plant	14/05/2020	field observation		Sch8; Kirklees BAP	734
SE15721387	*Bluebell*	Hyacinthoides non-scripta	flowering plant	14/05/2020	field observation		Sch8; Kirklees BAP	729
SE1573115150	*Bluebell*	Hyacinthoides non-scripta	flowering plant	30/07/2006 - 12/09/2006	field record		Sch8; Kirklees BAP	1,027
SE1575415185	*Bluebell*	Hyacinthoides non-scripta	flowering plant	30/07/2006 - 12/09/2006	field record	Occasional Count of DAFOR	Sch8; Kirklees BAP	1,044
SE1583415237	*Bluebell*	Hyacinthoides non-scripta	flowering plant	30/06/2015	field observation	O Count of DAFOR	Sch8; Kirklees BAP	1,050
SE1584115244	*Bluebell*	Hyacinthoides non-scripta	flowering plant	09/06/2020	field observation		Sch8; Kirklees BAP	1,053
SE1588415242	*Bluebell*	Hyacinthoides non-scripta	flowering plant	30/07/2006 - 12/09/2006	field record		Sch8; Kirklees BAP	1,033
SE160140	*Bluebell*	Hyacinthoides non-scripta	flowering plant	26/06/2002	field record		Sch8; Kirklees BAP	431
SE1635613903	*Bluebell*	Hyacinthoides non-scripta	flowering plant	11/08/2020	field observation		Sch8; Kirklees BAP	399
SE17001441	*Bluebell*	Hyacinthoides non-scripta	flowering plant	01/07/2011	field observation		Sch8; Kirklees BAP	697
SE175129	*Bluebell*	Hyacinthoides non-scripta	flowering plant	2008	field record		Sch8; Kirklees BAP	1,835
SE175130	*Bluebell*	Hyacinthoides non-scripta	flowering plant	2008	field record		Sch8; Kirklees BAP	1,760
SE176129	*Bluebell*	Hyacinthoides non-scripta	flowering plant	2008	field record		Sch8; Kirklees BAP	1,901
SE17661287	*Bluebell*	Hyacinthoides non-scripta	flowering plant	14/06/2011	field observation		Sch8; Kirklees BAP	1,964
SE180137	*Bluebell*	Hyacinthoides non-scripta	flowering plant	15/05/2015	field observation	F Count of DAFOR	Sch8; Kirklees BAP	1,789

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SE1683015396	*Box*	Buxus sempervirens	flowering plant	13/08/2008	field record		NR-excludes	1,212
SE160140	*Common Centaury*	Centaurium erythraea	flowering plant	Unknown	field record		Kirklees BAP	431
SE152127	*Common Valerian*	Valeriana officinalis	flowering plant	08/05/1997	field record	O Range of DAFOR	RDB-NT	1,945
SE152127	*Common Valerian*	Valeriana officinalis	flowering plant	08/05/1997	field record	O Range of DAFOR	RDB-NT	1,945
SE152127	*Common Valerian*	Valeriana officinalis	flowering plant	20/08/2002	field record	O Range of DAFOR	RDB-NT	1,945
SE152127	*Common Valerian*	Valeriana officinalis	flowering plant	20/08/2002	field record	O Range of DAFOR	RDB-NT	1,945
SE16871438	*Common Valerian*	Valeriana officinalis	flowering plant	01/07/2011	field observation		RDB-NT	564
SE1539714527	*Devil's-bit Scabious*	Succisa pratensis	flowering plant	15/08/2020	field observation		RDB-NT	938
SE15471250	*Devil's-bit Scabious*	Succisa pratensis	flowering plant	23/08/2008	field record	f Count of DAFOR	RDB-NT	1,985
SE15571252	*Devil's-bit Scabious*	Succisa pratensis	flowering plant	23/08/2008	field record	f Count of DAFOR	RDB-NT	1,926
SE1574614476	*Devil's-bit Scabious*	Succisa pratensis	flowering plant	29/09/2020	field observation		RDB-NT	589
SE17101443	*Devil's-bit Scabious*	Succisa pratensis	flowering plant	01/07/2011	field observation		RDB-NT	798
SE176129	*Dyer's Greenweed*	Genista tinctoria	flowering plant	2008	field record		RDB-VU; Kirklees BAP	1,901
SE17201256	*Fen Bedstraw*	Galium uliginosum	flowering plant	14/06/2011	field observation		VC63:Nv-Occ	1,953
SE152140	*Field Scabious*	Knautia arvensis	flowering plant	October 2005	field record		RDB-NT	1,147
SE176129	*Field Scabious*	Knautia arvensis	flowering plant	2008	field record		RDB-NT	1,901

Grid Ref	Common Name	Latin Name	Taxon Group	Date	Record Type	Abundance	Designation	Distance from site centroid (m)
SE175127	*Fragrant Agrimony*	Agrimonia procera	flowering plant	Unknown	field record		VC63:Nv-RR	1,991
SE15151391	*Good-King-Henry*	Chenopodium bonus-henricus	flowering plant	2008	field record		RDB-VU; VC63:Arch	1,221
SE15201395	*Good-King-Henry*	Chenopodium bonus-henricus	flowering plant	2008	field record		RDB-VU; VC63:Arch	1,161
SE152140	*Good-King-Henry*	Chenopodium bonus-henricus	flowering plant	October 2005	field record		RDB-VU; VC63:Arch	1,147
SE15271412	*Good-King-Henry*	Chenopodium bonus-henricus	flowering plant	2008	field record		RDB-VU; VC63:Arch	1,053
SE15271412	*Harebell*	Campanula rotundifolia	flowering plant	2008	field record		RDB-NT	1,053
SE1530814467	*Harebell*	Campanula rotundifolia	flowering plant	15/08/2020	field observation		RDB-NT	1,013
SE1539714527	*Harebell*	Campanula rotundifolia	flowering plant	15/08/2020	field observation		RDB-NT	938
SE15471426	*Harebell*	Campanula rotundifolia	flowering plant	20/08/2020	field observation		RDB-NT	839
SE1565615054	*Harebell*	Campanula rotundifolia	flowering plant	29/09/2020	field observation		RDB-NT	997
SE157151	*Harebell*	Campanula rotundifolia	flowering plant	30/07/2006 - 12/09/2006	field record		RDB-NT	1,005
SE15721387	*Harebell*	Campanula rotundifolia	flowering plant	14/05/2020	field observation		RDB-NT	729
SE16871438	*Harebell*	Campanula rotundifolia	flowering plant	01/07/2011	field observation		RDB-NT	564
SE17001441	*Harebell*	Campanula rotundifolia	flowering plant	01/07/2011	field observation		RDB-NT	697
SE17201256	*Harebell*	Campanula rotundifolia	flowering plant	14/06/2011	field observation		RDB-NT	1,953
SE176129	*Harebell*	Campanula rotundifolia	flowering plant	2008	field record		RDB-NT	1,901

Grid Ref	Common Name	Latin Name	Taxon Group	Date	Record Type	Abundance	Designation	Distance from site centroid (m)
SE1468513534	*Heath Speedwell*	Veronica officinalis	flowering plant	17/06/2020	field observation		RDB-NT	1,792
SE16871438	*Heath Speedwell*	Veronica officinalis	flowering plant	01/07/2011	field observation		RDB-NT	564
SE17001441	*Heath Speedwell*	Veronica officinalis	flowering plant	01/07/2011	field observation		RDB-NT	697
SE176129	*Heath Speedwell*	Veronica officinalis	flowering plant	2008	field record		RDB-NT	1,901
SE152140	*Heather*	Calluna vulgaris	flowering plant	October 2005	field record		RDB-NT	1,147
SE15341412	*Heather*	Calluna vulgaris	flowering plant	2008	field record		RDB-NT	984
SE1581115254	*Heather*	Calluna vulgaris	flowering plant	09/06/2020	field observation		RDB-NT	1,076
SE1581715256	*Heather*	Calluna vulgaris	flowering plant	30/06/2015	field observation	LA Count of DAFOR	RDB-NT	1,075
SE1583415237	*Heather*	Calluna vulgaris	flowering plant	30/06/2015	field observation	LA Count of DAFOR	RDB-NT	1,050
SE16871438	*Lesser Spearwort*	Ranunculus flammula	flowering plant	01/07/2011	field observation		RDB-VU	564
SE160140	*Marsh Ragwort*	Jacobaea aquatica	flowering plant	26/06/2002	field record		RDB-NT	431
SE17001441	*Marsh Ragwort*	Jacobaea aquatica	flowering plant	01/07/2011	field observation		RDB-NT	697
SE17101443	*Marsh Ragwort*	Jacobaea aquatica	flowering plant	01/07/2011	field observation		RDB-NT	798
SE17421283	*Marsh Ragwort*	Jacobaea aquatica	flowering plant	14/06/2011	field observation		RDB-NT	1,840
SE175130	*Marsh Ragwort*	Jacobaea aquatica	flowering plant	2008	field record		RDB-NT	1,760
SE17541281	*Marsh Ragwort*	Jacobaea aquatica	flowering plant	14/06/2011	field observation		RDB-NT	1,929

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SE176129	*Marsh Ragwort*	Jacobaea aquatica	flowering plant	2008	field record		RDB-NT	1,901
SE15391253	*Marsh Stitchwort*	Stellaria palustris	flowering plant	23/08/2008	field record	r Count of DAFOR	NERC_s41; RDB-VU; VC63:Nv-Occ	1,993
SE152127	*Narrow-leaved Water-plantain*	Alisma lanceolatum	flowering plant	08/05/1997	field record	R Range of DAFOR	Kirklees BAP; VC63:Nv-Occ	1,945
SE152127	*Narrow-leaved Water-plantain*	Alisma lanceolatum	flowering plant	20/08/2002	field record	R Range of DAFOR	Kirklees BAP; VC63:Nv-Occ	1,945
SE152127	*Pale Sedge*	Carex pallescens	flowering plant	08/05/1997	field record	R Range of DAFOR	VC63:Nv-Occ	1,945
SE152127	*Pale Sedge*	Carex pallescens	flowering plant	20/08/2002	field record	R Range of DAFOR	VC63:Nv-Occ	1,945
SE17201256	*Quaking-grass*	Briza media	flowering plant	14/06/2011	field observation		RDB-NT	1,953
SE17101443	*Ragged-Robin*	Silene flos-cuculi	flowering plant	01/07/2011	field observation		RDB-NT	798
SE17201256	*Ragged-Robin*	Silene flos-cuculi	flowering plant	14/06/2011	field observation		RDB-NT	1,953
SE17381269	*Ragged-Robin*	Silene flos-cuculi	flowering plant	14/06/2011	field observation		RDB-NT	1,931
SE175130	*Ragged-Robin*	Silene flos-cuculi	flowering plant	2008	field record		RDB-NT	1,760
SE1485013853	*Tormentil*	Potentilla erecta	flowering plant	24/06/2020	field observation		RDB-NT	1,523
SE1517614177	*Tormentil*	Potentilla erecta	flowering plant	30/06/2015	field observation	O Count of DAFOR	RDB-NT	1,138
SE1524014247	*Tormentil*	Potentilla erecta	flowering plant	30/06/2015	field observation	R Count of DAFOR	RDB-NT	1,068
SE1526113868	*Tormentil*	Potentilla erecta	flowering plant	27/08/2020	field observation		RDB-NT	1,132
SE1539714527	*Tormentil*	Potentilla erecta	flowering plant	15/08/2020	field observation		RDB-NT	938

Grid Ref	Common Name	Latin Name	Taxon Group	Date	Record Type	Abundance	Designation	Distance from site centroid (m)
SE15471250	*Tormentil*	Potentilla erecta	flowering plant	23/08/2008	field record	o Count of DAFOR	RDB-NT	1,985
SE15571252	*Tormentil*	Potentilla erecta	flowering plant	23/08/2008	field record	f Count of DAFOR	RDB-NT	1,926
SE156150	*Tormentil*	Potentilla erecta	flowering plant	30/06/2015	field observation	R Count of DAFOR	RDB-NT	995
SE1565615054	*Tormentil*	Potentilla erecta	flowering plant	29/09/2020	field observation		RDB-NT	997
SE15681392	*Tormentil*	Potentilla erecta	flowering plant	14/05/2020	field observation		RDB-NT	734
SE157151	*Tormentil*	Potentilla erecta	flowering plant	30/07/2006 - 12/09/2006	field record		RDB-NT	1,005
SE15721387	*Tormentil*	Potentilla erecta	flowering plant	14/05/2020	field observation		RDB-NT	729
SE1574614476	*Tormentil*	Potentilla erecta	flowering plant	29/09/2020	field observation		RDB-NT	589
SE160140	*Tormentil*	Potentilla erecta	flowering plant	26/06/2002	field record		RDB-NT	431
SE16871438	*Tormentil*	Potentilla erecta	flowering plant	01/07/2011	field observation		RDB-NT	564
SE17001441	*Tormentil*	Potentilla erecta	flowering plant	01/07/2011	field observation		RDB-NT	697
SE17101443	*Tormentil*	Potentilla erecta	flowering plant	01/07/2011	field observation		RDB-NT	798
SE17201256	*Tormentil*	Potentilla erecta	flowering plant	14/06/2011	field observation		RDB-NT	1,953
SE17381269	*Tormentil*	Potentilla erecta	flowering plant	14/06/2011	field observation		RDB-NT	1,931
SE175129	*Tormentil*	Potentilla erecta	flowering plant	2008	field record		RDB-NT	1,835
SE175130	*Tormentil*	Potentilla erecta	flowering plant	2008	field record		RDB-NT	1,760

Grid Ref	Common Name	Latin Name	Taxon Group	Date	Record Type	Abundance	Designation	Distance from site centroid (m)
SE176129	*Tormentil*	Potentilla erecta	flowering plant	2008	field record		RDB-NT	1,901
SE17661287	*Tormentil*	Potentilla erecta	flowering plant	14/06/2011	field observation		RDB-NT	1,964
SE160140	*Wild Strawberry*	Fragaria vesca	flowering plant	26/06/2002	field record		RDB-NT	431
SE152127	*Wood-sorrel*	Oxalis acetosella	flowering plant	08/05/1997	field record	O/F Range of DAFOR	RDB-NT	1,945
SE152127	*Wood-sorrel*	Oxalis acetosella	flowering plant	20/08/2002	field record	O/LF Range of DAFOR	RDB-NT	1,945
SE160140	*Wood-sorrel*	Oxalis acetosella	flowering plant	26/06/2002	field record		RDB-NT	431
SE17661287	*Wood-sorrel*	Oxalis acetosella	flowering plant	14/06/2011	field observation		RDB-NT	1,964
SE180137	*Wood-sorrel*	Oxalis acetosella	flowering plant	15/05/2015	field observation	R Count of DAFOR	RDB-NT	1,789
SE165125	*Malthodes pumilus*	Malthodes pumilus	insect - beetle (Coleoptera)	Unknown	field record		NS-includes	1,809
SE145136	*Small Heath*	Coenonympha pamphilus	insect - butterfly	01/07/2015	field record	1 Count	NERC_s41; RDB-NT; WYBAP	1,936
SE145136	*Small Heath*	Coenonympha pamphilus	insect - butterfly	07/08/2015	field record	2 Count	NERC_s41; RDB-NT; WYBAP	1,936
SE1514	*Wall*	Lasiommata megera	insect - butterfly	2002	field record		NERC_s41; RDB-NT; WYBAP	1,340
SE152140	*Wall*	Lasiommata megera	insect - butterfly	15/08/2018	field record		NERC_s41; RDB-NT; WYBAP	1,147
SE159162	*White-letter Hairstreak*	Satyrium w-album	insect - butterfly	07/07/2004	Egg	1 Count of Adult	Sch5_s9.5a; NERC_s41;RDB-EN; WYBAP	1,943
SE163158	*White-letter Hairstreak*	Satyrium w-album	insect - butterfly	07/07/2004	field record	1 Count of Adult	Sch5_s9.5a; NERC_s41;RDB-EN; WYBAP	1,499

Grid Ref	Common Name	Latin Name	Taxon Group	Date	Record Type	Abundance	Designation	Distance from site centroid (m)
SE152140	*Cinnabar*	Tyria jacobaeae	insect - moth	21/08/2019	field record		NERC_s41; WYBAP	1,147
SE1566315029	*Cinnabar*	Tyria jacobaeae	insect - moth	30/07/2006 - 12/09/2006	field record		NERC_s41; WYBAP	973
SE1588415242	*Cinnabar*	Tyria jacobaeae	insect - moth	30/07/2006 - 12/09/2006	field record	Frequent Count of DAFOR	NERC_s41; WYBAP	1,033
SE1815	*Grass Snake*	Natrix helvetica	reptile	1914	field record		Sch5_s9.1/9.5a; NERC_s41	1,825
SE160137	*Diplocephalus protuberans*	Diplocephalus protuberans	spider (Araneae)	Unknown	field record		RDB-VU; NR-includes	675
SE1503415321	*Bats*	Vespertilionidae	terrestrial mammal	07/02/2005	Roost		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2	1,631
SE1522015389	*Bats*	Vespertilionidae	terrestrial mammal	22/06/2008 - 23/06/2008	Roost		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2	1,538
SE1522215395	*Bats*	Vespertilionidae	terrestrial mammal	22/06/2008 - 23/06/2008	Roost		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2	1,541
SE1522515401	*Bats*	Vespertilionidae	terrestrial mammal	22/06/2008 - 23/06/2008	Roost		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2	1,543
SE1524615363	*Bats*	Vespertilionidae	terrestrial mammal	22/06/2008 - 23/06/2008	Roost		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2	1,502
SE15311581	*Bats*	Vespertilionidae	terrestrial mammal	05/02/2004	field record		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2	1,809
SE1578915567	*Bats*	Vespertilionidae	terrestrial mammal	06/05/2004	field record		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2	1,369
SE177152	*Bats*	Vespertilionidae	terrestrial mammal	17/09/2007	Casualty	1 Count of Adult	Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2	1,652
SE1614	*Brown Hare*	Lepus europaeus	terrestrial mammal	13/01/1993	field record	5 Count of Adult	NERC_s41; WYBAP; Kirklees BAP	431
SE1614	*Brown Hare*	Lepus europaeus	terrestrial mammal	15/01/1992	field record	3 Count of Adult	NERC_s41; WYBAP; Kirklees BAP	431
SE168143	*Brown Hare*	Lepus europaeus	terrestrial mammal	01/01/1998	field record	4 Count of Adult	NERC_s41; WYBAP; Kirklees BAP	489

Grid Ref	Common Name	Latin Name	Taxon Group	Date	Record Type	Abundance	Designation	Distance from site centroid (m)
SE168143	*Brown Hare*	Lepus europaeus	terrestrial mammal	1999	field record	2 Count of Adult	NERC_s41; WYBAP; Kirklees BAP	489
SE173141	*Brown Hare*	Lepus europaeus	terrestrial mammal	05/04/2015	field observation		NERC_s41; WYBAP; Kirklees BAP	1,007
SE175130	*Brown Hare*	Lepus europaeus	terrestrial mammal	2008	field record		NERC_s41; WYBAP; Kirklees BAP	1,760
SE1643313896	*Brown Long-eared Bat*	Plecotus auritus	terrestrial mammal	04/06/2016	Roost	1 Count	Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; NERC_s41; WYBAP; Kirklees BAP	422
SE1643313896	*Brown Long-eared Bat*	Plecotus auritus	terrestrial mammal	05/06/2016	Roost	1 Count	Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; NERC_s41; WYBAP; Kirklees BAP	422
SE1643313896	*Brown Long-eared Bat*	Plecotus auritus	terrestrial mammal	05/09/2015	droppings		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; NERC_s41; WYBAP; Kirklees BAP	422
SE1643313896	*Brown Long-eared Bat*	Plecotus auritus	terrestrial mammal	08/05/2016	Roost	1 Count	Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; NERC_s41; WYBAP; Kirklees BAP	422
SE173150	*Brown Long-eared Bat*	Plecotus auritus	terrestrial mammal	04/07/2020	foraging		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; NERC_s41; WYBAP; Kirklees BAP	1,210
SE156141	*Common Pipistrelle*	Pipistrellus pipistrellus	terrestrial mammal	21/09/2019	None	6 Count of Adult	Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	736
SE16461389	*Daubenton's Bat*	Myotis daubentonii	terrestrial mammal	14/08/2012	field record		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	436
SE1720712881	*Daubenton's Bat*	Myotis daubentonii	terrestrial mammal	01/06/2010	field record		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	1,677

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SE173150	*Lesser Noctule*	Nyctalus leisleri	terrestrial mammal	04/07/2020	foraging		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; RDB-NT; WYBAP; Kirklees BAP	1,210
SE1651714065	*Myotis Bat species*	Myotis	terrestrial mammal	01/05/2018	field record		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2	313
SE173150	*Myotis Bat species*	Myotis	terrestrial mammal	04/07/2020	foraging		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2	1,210
SE1803714537	*Myotis Bat species*	Myotis	terrestrial mammal	September 2014	foraging		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2	1,738
SE14421482	*Natterer's Bat*	Myotis nattereri	terrestrial mammal	21/08/2007	field record	2 Count	Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	1,955
SE164127	*Noctule Bat*	Nyctalus noctula	terrestrial mammal	05/08/2021	field record		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; NERC_s41; WYBAP; Kirklees BAP	1,602
SE164127	*Noctule Bat*	Nyctalus noctula	terrestrial mammal	19/08/2021	field record		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; NERC_s41; WYBAP; Kirklees BAP	1,602
SE164127	*Noctule Bat*	Nyctalus noctula	terrestrial mammal	19/08/2021	field record		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; NERC_s41; WYBAP; Kirklees BAP	1,602
SE164127	*Noctule Bat*	Nyctalus noctula	terrestrial mammal	22/07/2021	field record		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; NERC_s41; WYBAP; Kirklees BAP	1,602
SE16461389	*Noctule Bat*	Nyctalus noctula	terrestrial mammal	14/08/2012	field record		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; NERC_s41; WYBAP; Kirklees BAP	436
SE1720712881	*Noctule Bat*	Nyctalus noctula	terrestrial mammal	01/06/2010	field record		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2;	1,677

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							NERC_s41; WYBAP; Kirklees BAP	
SE173150	*Noctule Bat*	Nyctalus noctula	terrestrial mammal	04/07/2020	foraging		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; NERC_s41; WYBAP; Kirklees BAP	1,210
SE14421482	*Pipistrelle*	Pipistrellus pipistrellus	terrestrial mammal	21/08/2007	field record	4 Count	Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	1,955
SE1460213513	*Pipistrelle*	Pipistrellus pipistrellus	terrestrial mammal	01/09/2011	field record	2 Count	Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	1,876
SE146135	*Pipistrelle*	Pipistrellus pipistrellus	terrestrial mammal	14/09/2011	field record		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	1,883
SE15311581	*Pipistrelle*	Pipistrellus pipistrellus	terrestrial mammal	14/05/2004	field record		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	1,809
SE1558515800	*Pipistrelle*	Pipistrellus pipistrellus	terrestrial mammal	28/06/2009	field record		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	1,665
SE1595316114	*Pipistrelle*	Pipistrellus pipistrellus	terrestrial mammal	02/09/2010	field record	2 Count	Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	1,848
SE1602113967	*Pipistrelle*	Pipistrellus pipistrellus	terrestrial mammal	01/08/2011	field record	4 Count	Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	440
SE1602513975	*Pipistrelle*	Pipistrellus pipistrellus	terrestrial mammal	05/07/2018	Roost	2 Count	Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	432
SE1602513975	*Pipistrelle*	Pipistrellus pipistrellus	terrestrial mammal	21/06/2018	Roost		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	432
SE1624716185	*Pipistrelle*	Pipistrellus pipistrellus	terrestrial mammal	01/06/2013	field record	2 Count	Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	1,885

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SE1625714278	*Pipistrelle*	Pipistrellus pipistrellus	terrestrial mammal	12/06/2009	Roost	1 Count	Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	57
SE164127	*Pipistrelle*	Pipistrellus pipistrellus	terrestrial mammal	05/08/2021	field record		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	1,602
SE164127	*Pipistrelle*	Pipistrellus pipistrellus	terrestrial mammal	19/08/2021	field record		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	1,602
SE164127	*Pipistrelle*	Pipistrellus pipistrellus	terrestrial mammal	19/08/2021	field record		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	1,602
SE164127	*Pipistrelle*	Pipistrellus pipistrellus	terrestrial mammal	22/07/2021	field record		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	1,602
SE1643313896	*Pipistrelle*	Pipistrellus pipistrellus	terrestrial mammal	04/06/2016	field record	1 Count	Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	422
SE1643313896	*Pipistrelle*	Pipistrellus pipistrellus	terrestrial mammal	05/06/2016	field record	1 Count	Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	422
SE1643313896	*Pipistrelle*	Pipistrellus pipistrellus	terrestrial mammal	23/08/2019	field record	1 Count	Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	422
SE16461389	*Pipistrelle*	Pipistrellus pipistrellus	terrestrial mammal	14/08/2012	field record		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	436
SE1651714065	*Pipistrelle*	Pipistrellus pipistrellus	terrestrial mammal	01/05/2018	Roost	2 Count	Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	313
SE1652216244	*Pipistrelle*	Pipistrellus pipistrellus	terrestrial mammal	12/07/2012	field record		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	1,955
SE1652516247	*Pipistrelle*	Pipistrellus pipistrellus	terrestrial mammal	11/07/2017	field record		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	1,958

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SE167152	*Pipistrelle*	Pipistrellus pipistrellus	terrestrial mammal	28/09/2015	field record		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	980
SE1672815340	*Pipistrelle*	Pipistrellus pipistrellus	terrestrial mammal	01/08/2013	field record	1 Count	Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	1,120
SE168150	*Pipistrelle*	Pipistrellus pipistrellus	terrestrial mammal	05/09/2016	field record	2 Count	Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	853
SE168150	*Pipistrelle*	Pipistrellus pipistrellus	terrestrial mammal	12/09/2016	field record	4 Count	Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	853
SE168150	*Pipistrelle*	Pipistrellus pipistrellus	terrestrial mammal	27/08/2016	field record	2 Count	Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	853
SE168151	*Pipistrelle*	Pipistrellus pipistrellus	terrestrial mammal	12/09/2016	field record	4 Count	Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	937
SE1693014529	*Pipistrelle*	Pipistrellus pipistrellus	terrestrial mammal	01/07/2013	field record		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	659
SE1720712881	*Pipistrelle*	Pipistrellus pipistrellus	terrestrial mammal	01/06/2010	field record		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	1,677
SE173150	*Pipistrelle*	Pipistrellus pipistrellus	terrestrial mammal	04/07/2020	foraging		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	1,210
SE173150	*Pipistrelle*	Pipistrellus pipistrellus	terrestrial mammal	23/07/2020	Roost (single adult)		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	1,210
SE1746015465	*Pipistrelle*	Pipistrellus pipistrellus	terrestrial mammal	01/08/2013	field record		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	1,634
SE1803714537	*Pipistrelle*	Pipistrellus pipistrellus	terrestrial mammal	September 2014	foraging		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	1,738

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SE15201530	*Pipistrelle Bat species*	Pipistrellus	terrestrial mammal	20/07/2007	Roost		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2	1,491
SE15291478	*Pipistrelle Bat species*	Pipistrellus	terrestrial mammal	08/08/2005	in building	1 Count of Adult	Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2	1,125
SE155160	*Pipistrelle Bat species*	Pipistrellus	terrestrial mammal	02/08/2007	Casualty	1 Count of Adult	Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2	1,881
SE164127	*Soprano Pipistrelle*	Pipistrellus pygmaeus	terrestrial mammal	05/08/2021	field record		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; NERC_s41; WYBAP; Kirklees BAP	1,602
SE164127	*Soprano Pipistrelle*	Pipistrellus pygmaeus	terrestrial mammal	19/08/2021	field record		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; NERC_s41; WYBAP; Kirklees BAP	1,602
SE16461389	*Soprano Pipistrelle*	Pipistrellus pygmaeus	terrestrial mammal	14/08/2012	field record	1 Count	Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; NERC_s41; WYBAP; Kirklees BAP	436
SE16481290	*West European Hedgehog*	Erinaceus europaeus	terrestrial mammal	2013	None	5 Count	NERC_s41; RDB-VU; WYBAP; Kirklees BAP	1,410
SE1689016195	*West European Hedgehog*	Erinaceus europaeus	terrestrial mammal	20/03/2016	field record	1 Count	NERC_s41; RDB-VU; WYBAP; Kirklees BAP	1,980
SE1602513975	*Whiskered Bat*	Myotis mystacinus	terrestrial mammal	05/07/2018	Roost		Sch5_s9.4b/9.5a/9.4c; HabReg-Sch2; WYBAP; Kirklees BAP	432

Wildlife & Countryside Act Schedule 9 Species

Grid Ref	Common Name	Latin Name	Taxon Group	Date	Record Type	Abundance	Designation	Distance from site centroid (m)
SE152140	*Canada Goose*	Branta canadensis	bird	Unknown	field record		Sch9-Part1	1,147

Grid Ref	Common Name	Latin Name	Taxon Group	Date	Record Type	Abundance	Designation	Distance from site centroid (m)
SE152127	*Himalayan Balsam*	Impatiens glandulifera	flowering plant	08/05/1997	field record	R Range of DAFOR	Sch9-Part2	1,945
SE152127	*Himalayan Balsam*	Impatiens glandulifera	flowering plant	20/08/2002	field record	R Range of DAFOR	Sch9-Part2	1,945
SE15471250	*Himalayan Balsam*	Impatiens glandulifera	flowering plant	23/08/2008	field record	ld Count of DAFOR	Sch9-Part2	1,985
SE1567515250	*Himalayan Balsam*	Impatiens glandulifera	flowering plant	30/07/2006 - 12/09/2006	field record		Sch9-Part2	1,141
SE1575415185	*Himalayan Balsam*	Impatiens glandulifera	flowering plant	30/07/2006 - 12/09/2006	field record		Sch9-Part2	1,044
SE16391606	*Himalayan Cotoneaster*	Cotoneaster simonsii	flowering plant	24/01/2018	field record	LO Count of DAFOR	Sch9-Part2	1,761
SE152140	*Japanese Knotweed*	Fallopia japonica	flowering plant	October 2005	field record		Sch9-Part2	1,147
SE1521713881	*Japanese Knotweed*	Fallopia japonica	flowering plant	27/08/2020	field observation		Sch9-Part2	1,168
SE16391606	*Japanese Rose*	Rosa rugosa	flowering plant	24/01/2018	field record	R Count of DAFOR	Sch9-Part2	1,761
SE1565115205	*Lamiastrum galeobdolon subsp. argentatum*	Lamiastrum galeobdolon subsp. argentatum	flowering plant	30/06/2015	field observation	LA Count of DAFOR	Sch9-Part2	1,118
SE16391606	*Rhododendron ponticum*	Rhododendron ponticum	flowering plant	24/01/2018	field record		Sch9-Part2	1,761
SE180137	*Rhododendron ponticum*	Rhododendron ponticum	flowering plant	15/05/2015	field observation	R Count of DAFOR	Sch9-Part2	1,789
SE180137	*Eastern Grey Squirrel*	Sciurus carolinensis	terrestrial mammal	15/05/2015	field observation		Sch9-Part1	1,789