

Hall Ing Lane, Honley.

Preliminary Ecological Site Appraisal and Bat Survey

1st February 2017



Prepared by:

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Site Name 79 Hall Ing Lane	Location Hall Ing Lane, Honley, Holmfirth
Job Eco/17/02	Document ref MEC/HallIng/2017/02
Site Code None	Grid Reference SE20842341
Surveyor Peter Middleton MCIEEM	Date of Survey 01/02/2017
Geology/Soil Type Coal Measures	Designation Adjacent to West Wood (LWS)

Phase 1 Habitat Types A2.1 Dense scrub, C1.1 Bracken, J1.2 Amenity grass, J1.4 Introduced scrub, J2.3.2 Hedge and trees, J3.6 Buildings, J5 Other (garden), J2.5 (wall)
NVC Communities W24, W25
Protected Species None
Red List Species None
UK Biodiversity Species None
Kirklees BAP Scrub and habitat mosaics

Document History

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Purpose and Description	Originated	Checked	Reviewed	Authorised	Date
For Planning	PM	-	-	PM	13/02/2017

Summary Statement

The application site consists mostly of bramble scrub and bracken which are common and widespread species poor habitats.

With mitigation, the proposed future development of the site is unlikely to present any impacts on protected species or the adjacent Local Wildlife Site.

General recommendations in terms of mitigation and enhancement of the site's biodiversity are made in the report.

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1. Introduction

- 1.1 The preliminary ecological site appraisal and bat survey was commissioned by architect Sarah Greenwood of Farrar Bamforth Associates Ltd on behalf of the client Mr and Mrs Woodward. The site is subject to a planning application for a small residential development of three dwellings.
- 1.2 The purpose of this report is to present the results of a preliminary site appraisal (walkover survey) which includes determining the potential for, or presence of, protected species and Red listed/UK BAP/Local BAP species, plus an appended map of the site showing the Phase 1 habitats present. Some sites require subsequent targeted species surveys but in many cases the preliminary site appraisal is sufficient to accompany the planning application. Therefore, some recommendations and enhancements for biodiversity are included in this report.

2. Site description

- 2.1 The site consists of the dwelling and large garden of 79 Hall Ing Road which is adjacent to a broad leaved woodland and stream. The garden has been abandoned and now predominantly consists of bramble scrub and bracken. The site has recently been cleared of bramble and the rank grassland that was previously lawn have also recently been cut. The site slopes from south to north but also west to east towards a stream in the adjacent woodland.
- 2.2 The wider area consists predominantly of dwellings and associated gardens, woodland with grassland further afield (see plate 1).

Plate 1 The site



3. Methodology

- 3.1 A desk study was carried out to identify species or habitats that are considered important in a local context and to identify any species recorded locally that may be associated with the application site. This information can then be used to help target groups that need to be considered in more detail in order to identify the ecological baseline for the application site.
- 3.2 A visit was made to the site on the 1st February 2017 and a walkover survey was undertaken lasting approximately one and a half hours, to record all the plant species present in each of the different habitats or plots on site.
- 3.3 The whole of the site and important adjacent habitats were also surveyed for the presence or potential to support European/UK protected species, UK BAP species, Schedule 1 Species, Red List Species and species listed on Schedule 9.
- 3.4 For assessing Habitats the standardised system of Phase 1 habitat classification published in JNCC Handbook for Phase 1 Habitat Survey was used. Additionally, and where possible, habitats were classified using the National Vegetation Classification (NVC) as described in the JNCC National Vegetation Classification – Users Handbook.
- 3.5 Aerial photographs (google earth) were studied to place the site in its wider context and to look for ecological features that would not be evident on the ground during the walkover survey. This is particularly useful for identifying wildlife corridors and ponds but because the latter are often not apparent on aerial photographs, OS 1:25 000 scale maps are also used.

4. Results

4.1 Desk Study

- 4.1.1 West Yorkshire Ecology hold no records for great crested newt *Triturus cristatus* or water vole *Arvicola terrestris* within a 2km radius of the site and there is only a very old (1914) record of a grass snake *Natrix natrix* which is almost two kilometres from the application site. There is however badger *Melis melis* activity (setts) 100m and 400m from the application site. For all records of protected and notable species see appendix 2.
- 4.1.2 A search of the website 'Magic' the Geographical information system and data supplied by West Yorkshire Ecology identified 11 locally designated sites (see table 1). The nearest is West Wood which is immediately adjacent to the application site. Mitigation will therefore be required to minimise negative impacts (see designated site map in appendix 2).

Table 1 Designated sites

Designation	Name	Interest
SSSI	Honley Railway cutting	Geological
SSI	Hagg Wood	B L semi natural woodland
	Hey/west Wood	B L semi natural woodland
	Spring Wood	B L semi natural woodland
Local Wildlife Sites	Aurthur and Molly Woods	Ancient semi nat woodland
	Cliff Wood	B L semi natural woodland
	Castle Hill	Mixed habitats
	Hagg Wood	B L semi natural woodland
	Hey/West wood	B L semi natural woodland
	Honley Woods	B L semi natural woodland
	Park Wood	B L semi natural woodland
	Round Wood	Ancient semi nat woodland
	Spring Wood	B L semi natural woodland
	Upper Park Wood	B L semi natural woodland
	Woodview Meadows	Grassland
LNRs	Castle Hill	Mixed habitats
	Upper Park Wood	B L semi natural woodland
Sites of Wildlife Significance	Cliff Wood	B L semi natural woodland
	Park Wood	B L semi natural woodland
	Upper Park Wood	B L semi natural woodland

4.1.3 Natural England Natural Area

The site falls within Natural Area 24 Coal Measures which is characterised by dense populations centred on a number of towns and cities that developed largely as a result of the underlying coal fields. The topography of the Natural Area is gently undulating and the network of towns and cities is characterised by a matrix of acidic ancient and secondary woodlands, valley wetlands, neutral and acid grasslands, and mixed agriculture. Canals, mill-ponds and natural rivers are also important features.

4.1.4 Local Biodiversity Action Plan

Table 2 Kirklees Local Habitats of Principal Importance

Habitat	Present on site	Likely to be significantly affected
Scrub	Yes	Yes
Semi-natural grassland	No	No
Riverine	No	No

4.2 Field Survey (Phase 1 habitat survey)

4.2.1 A2.1 Dense scrub

Dense bramble *Rubus fruticosus* scrub constitutes approximately 15% of the site which conforms to the National Vegetation Classification W24 under-scrub which is usually found in woodlands.

Plate 2 Bramble scrub that has been cleared, trees and shrubs on boundary



4.2.2 J1.2 Amenity grass

The former lawn area of the garden contains abundant perennial ryegrass *Lolium perenne* together with a number of other grasses including frequent red fescue and occasional cocksfoot *Dactylis glomerata* and meadow grasses *poa*'s. Much of the former lawn is infested with the moss *Rhytiadelphus squarrosus*.

4.2.3 J1.4 Introduced shrub (and trees)

In the north east corner of the site is an area of introduced mostly ornamental shrubs and trees containing a variety of species including rowan *Sorbus aucuparia*, Cotoneaster, Cypress *Chamaecyparis* and oak *Quercus robur*. The ground flora is dominated by bramble.

Plate 3 Bracken with component of bramble



4.2.4 C.1.1 Bracken

Bracken covers approximately 35% of the site and in almost all areas it has a component of bramble which conforms to the National Vegetation Community W25 under-scrub which is normally found in woodlands.

4.2.4 J5 Other (Garden including shrubs, perennials and herbs)

On all sides of the building are introduced ornamental dwarf conifers, shrubs, perennials and herbs including *Cotoneasters* and *Rhododendron* (see plate 4)

Plate 4



4.2.5 J2.3.2 Hedge and trees

Along the eastern boundary adjacent to Hall Ing Lane is a line of trees and shrubs some of which are ornamental. Species include oak, sycamore *Acer pseudoplatanus*, hazel *Corylus avellana*, willow sp *Salix*, hawthorn *Crataegus monogyna* and holly *Hedera helix*.

4.2.6 J2.5 Wall

Along the entire eastern boundary separating the application site from the adjacent broad leaved woodland is a dry-stone wall.

4.2.7 J3.6 Buildings

There is a stone built dormer bungalow on site which is described in more detail in section 5 (see plate 5).

Plate 5



Table 4

Full Species List		
English Name	Scientific Name	DAFOR Rating
Bracken	<i>Pteridium aquifolium</i>	Loc D
Perennial ryegrass	<i>Lolium perenne</i>	Loc A
Sumach	<i>Rhus typhina</i>	R
Leyland cypress	<i>Cupressocyparis leylandii</i>	R
Cypress sp	<i>Chamaecyparis lawsoniana</i>	O
Creeping buttercup	<i>Ranunculus repens</i>	A
Hawthorn	<i>Crataegus monogyna</i>	R
Willow sp	<i>Salix</i>	R
Cock'sfoot	<i>Dactylis glomerata</i>	O
Red fescue	<i>Festuca rubra</i>	F
Willowherb sp	<i>Epilobium</i>	Loc A
Spruce	<i>Picea abies</i>	R
Snowdrop	<i>Galanthus nivalis</i>	Loc A
Lesser periwinkle	<i>Vinca minor</i>	Loc A
Yorkshire fog	<i>Holcus lanatus</i>	F
Bramble	<i>Rubus fruticosus</i>	Loc D
Cleavers	<i>Galium apereine</i>	Loc A
Forgetmenot	<i>Myosotis arvensis</i>	R
Nettle	<i>Urtica dioica</i>	Loc A
Hazel	<i>Corylus avellana</i>	R
Creeping bent	<i>Agrostis stolonifera</i>	O
Rough meadow-grass	<i>Poa pptrivialis</i>	R
False oat-grass	<i>Arrhenatherum alatus</i>	R
Rough meadow-grass	<i>Poa trivialis</i>	O
Sycamore	<i>Acer psuedoplatanus</i>	R
Ivy	<i>Hedera helix</i>	Loc A
Rhododendron	<i>Rhododendron ponticum</i>	R
Broom	<i>Cytisus scoparius</i>	O

Rowan	<i>Sorbus aucuparia</i>	R
Holly	<i>Ilex aquifolium</i>	F
Pendunculate oak	<i>Quercus robur</i>	R
Cotoneaster simonsii	<i>Cotoneaster simonsii</i>	O
Cotoneaster sp	<i>Cotoneaster sp</i>	O

D = Dominant, **A** = Abundant, **F** = Frequent, **O** = Occasional, **R** = Rare

4.3 Adjacent Land

4.3.1 Land adjacent to the application site supports the following habitats.

- The built environment (residential and associated gardens)
- Hard surface (Hall Ing Lane)
- Stream (UK Priority Habitat)
- Broad leaved woodland (UK Priority Habitat)

4.4 Schedule 9 species (Invasive species)

4.4.1 *Cotoneaster simonsii*, other species of *Cotoneaster* and *rhododendron ponticum* were found on site. *C. simonsii* and *rhododendron ponticum* are listed on Schedule 9 of the Wildlife and Countryside Act 1981 Part 2, section 14 (which prohibits the release of such plants into the wild).

4.5 Protected species

4.5.1 **Great crested newt *Triturus cristatus*** – There are no ponds on site and there appears to be none within one kilometre. Additionally, the data search did not reveal any records within a 2km radius of the site.

4.5.2 **Water voles *Arvicola amphibious*** –There is no watercourse on site and therefore no suitable habitat to support them.

4.5.4 **Badger *Melis melis*** – The application site and its environs was searched for any signs of badgers but none were found. There is however badger activity in the wider area but there is no reason why they should be impacted by the proposed development.

4.5.5 **Bats** – The trees on site were assessed for their bat roost potential as set out in the Bat Conservation Trust's Good Practice Guidelines (2016). None of the trees on site have any potential bat roost features.

4.5.6 **Reptiles** – There is no suitable habitat on site and no connectivity with suitable habitat elsewhere.

4.6 UK/Local BAP/Red Listed species

4.6.1 No UK Bap or Red Listed Species were recorded on site during the brief walkover. However, the adjacent woodland has the potential to support song

thrush *Turdus philomelos* which is a Red Listed Species of Conservation Concern and a UK/Local BAP species.

4.7 Other fauna

4.7.1 Bird species recorded on the sites boundaries and adjacent woodland include robin *Erthacus rubecula*, dunnoek *Prunella modulari*, blue tit *Parus caeruleus*, bullfinch *Pyrrhula pyrrhula*, nuthatch *Sitta europaea* wood pigeon *Columba palumbus* and magpie *Pica pica*. The site no doubt supports a greater assemblage of bird species than the brief walkover survey suggests. The adjacent woodland also has the potential to support several migrant breeding warblers including blackcap *Sylvia atricapilla*, and chiff chaff *Phylloscopus collybita*.

4.8 Nature Conservation Evaluation of site (habitats and species)

4.8.1 **Criteria** – there are various characteristics that can be used to identify ecological resources or features likely to be important in terms of biodiversity. These include:

- Animal or plant species that are rare or uncommon, either internationally, nationally or more locally;
- Ecosystems and there component parts, which provide the habitats required by the above species, populations and/or assemblages;
- Endemic species or locally distinct sub-populations of a species;
- Habitat diversity, connectivity and/or synergistic associations (e.g. networks of hedges and areas of species-poor pasture that might provide important feeding habitat for rare species;
- Notably large populations of animals or concentrations of animals considered uncommon or threatened in a wider context;
- Plant communities (and their associated animals) that are considered to be typical of valued natural/semi-natural vegetation types – these will include examples of naturally species-poor communities;
- Species on the edge of their range, particularly where their distribution is changing as a result of global trends and climate change;
- Species rich assemblages of plants or animals; and
- Typical faunal assemblages that are characteristic of homogenous habitats;

4.8.2 None of the above apply to the application site. However, the application site consists of widespread habitats which may have features considered appreciably to enrich the habitat resource within the context of the neighbourhood. The scrub on site which is a local BAP habitat is therefore of moderate local value.

4.9 Constraints

4.9.1 The survey was undertaken in February which is outside of the season for undertaking botanical surveys. However, considering, the habitats present on site it is not considered a significant constraint. It must be noted that the

walkover survey at any time of year is only a snapshot in time and consequently some fauna and flora are likely to remain unrecorded.

- 4.9.2 A constraint of the desk study is the reluctance of the local badger group to share or provide data.

5. Impacts of development

5.1 Description of proposals

- 5.1.1 The proposal is for the development of the site for housing and includes the proposed demolition of the existing dwelling. The development will consist of three dwellings and most of the boundaries will remain intact.

5.2 Impacts upon habitats and species

- 5.2.1 The impacts of the proposals would include:

- Removal of scrub and trees within the site and the western boundary causing the loss of habitat for invertebrates and birds.
- Long-term increase in human presence on site and increase in number of domestic pets.
- Increase in night-time lighting from security lights.
- Temporary increase in vehicle movements during the period of construction into and out of the site.
- Temporary increase in noise, dust and vibration caused by construction work.

5.3 Impacts upon surrounding area and local biodiversity.

- 5.3.1 West Wood (LWS, SWS) is immediately adjacent to the application site and is separated by a boundary dry-stone wall. Consideration therefore needs to be given to the potential impacts of increased lighting resulting from the proposed development. Inappropriate lighting is likely to negatively affect foraging habitat for *Myotis* species of bats along the woodland edge.

6. Bat Survey

6.1 Introduction

- 6.1.1 Middleton Ecological Consultancy have been contracted initially to conduct a baseline assessment to confirm presence of bats and to identify roost locations, access points, species present, level of use and the importance of nearby landscape features. The following section confirms the findings of the survey carried out by one surveyor.

6.2 Description of building

6.2.1 The building subject to this survey consists of a one and a half storey stone built detached bungalow with dormer windows. It has a pitched welsh slate roof with a short section of ridge and four hips (see plates 5, 6 & 7).

6.3 Habitat assessment (for bats)

6.3.1 The surrounding area contains a variety of habitats including the built environment (residential), extensive woodlands, watercourses and grassland together with the river Holme in the valley bottom. Consequently all of the locally occurring species are likely to be in the area. Table 2 summarises the habitats present, adjacent to and further afield to 79 Hall Ing Lane, Honley.

Table 2

Name and address: 79 Hall Ing Lane, Honley, Holmfirth HD9 6QW			
OS Grid Ref. SE15001220		Altitude. 145m	
Local Planning Authority: Kirklees			
Features on site and adjacent to site			
Feature	On site	Adjacent	Comments
Buildings	✓	✓	Residential
River bordered by trees			River Holme 890m
Standing water			
Bridges tunnels and culverts		✓	Ludhill Dyke
Trees	✓	✓	Woodland
Woodland		✓	Immediately adjacent
Grassland	✓	✓	

6.4 Aims of survey

6.4.1 The surveys were conducted to find out the following:

- The presence of bats.
- Where in the building are bats likely to roost.
- Where bats are likely to enter and exit.
- Whether additional survey work is required.

6.5 Methodology

6.5.1 Field survey

The following personnel conducted the survey:

Surveyor: Peter Middleton (Class license WML-A34-Level 4, 2017-27977)

6.5.2 The following activities were carried out during the surveys.

- A brief inspection and assessment of the site and habitats present to within 300m.
- An extensive examination of all parts of the building both inside and out to record structural features and condition and to record features that may be suitable for roosting bats.
- A thorough search of all sections of the inside of the building for the presence or evidence of roosting bats including droppings, scratch marks and staining.

6.5.3 The following equipment was used or at hand during the survey:

- Cluelite
- Binoculars
- Torch
- Ladder
- Camera
- Endoscope

6.6. Results

6.6.1 Desk survey - Data supplied by West Yorkshire Ecology for a 2km radius of site.

6.6.1.1 The nearest known bat roost is 340m from the site centroid (see appendix 2 for full species list). The absence of data does not necessarily indicate that there are no bats or roosts in the immediate area.

6.6.2 Preliminary daytime assessment

6.6.2.1 The building was internally and externally inspected for bats using a high powered lamp. The potential of the building to accommodate bats was assessed along with a search for signs (e.g. droppings, moth wings, scratch marks, staining etc) or bats that were present. Particular attention was paid to any crevices or gaps in walls, lintels, gaps between beams and joists and to the possibility of finding droppings stuck to walls, floors or other surfaces, or insect remains below beams, among a number of other factors and signs indicative of a bat roost.

5.6.3 Outside inspection of building

5.6.3.1 The masonry has been well maintained and there is therefore no gaps or crevices in mortar joints. The roof is in relatively good condition but there

may be some potential at the hips and the valleys of the dormers. The main potential bat roost feature is perhaps a gap between the UPVC soffit board and the wall at eaves level on all elevations.

5.6.4 Inside inspection of building

- 5.6.4.1 There is a small loft-space at the apex of the roof which is approximately 1.7m high. There is 200mm of fibreglass insulation at ceiling height and there is no membrane beneath the slates. The short section of ridge was found to be very 'cobwebby' and no signs of bats were found. There are also small spaces behind the walls on the upper floor at eaves level and all these spaces had 200mm of insulation at ceiling height and were found to be very 'cobwebby'. Again, no signs of bats were found.

5.7 Evaluation of findings (bats)

- 5.7.1 No bats were found roosting in the building during the preliminary daytime assessment and there were no signs of bat occupation. The internal spaces are for sure not being used by brown long-eared bats *Plecotus auritus* or crevice dwelling bats. The main potential bat roost feature is under the soffits where it is possible for bats to access the wall plate and wall top. Consequently, the building has been assessed as having moderate bat roost potential.

6. Constraints (bats)

- 6.1 A daytime bat survey is used only to determine whether bats are present and if a more detailed survey is required in preparation for a protected species license application. A dusk/dawn bat activity survey in the summer months when bats are most active can give a much greater indication of the level of use of the building, in addition to the species present, roosting locations and access and exit points.
- 6.2 Large or complex buildings require a number of surveyors equipped with appropriate bat detectors and monitoring devices to ensure that the range of frequencies used by British Bats are covered, thus ensuring that no bat species are overlooked during the dusk survey. The 'Frequency Division' detector is a broadband detector i.e. all frequencies used by British bats can be heard at the same time. The heterodyne detector can only monitor one frequency at a time but by continually rotating the frequency dial between 35 and 50 kHz, this covers many of the species likely to be found roosting inside a building. Rotating the dial through all frequencies at regular intervals allows the surveyor to identify the specific frequency of the call.

7. Legislation

- 7.1 Development and construction works need to comply with the complex requirements of the wildlife protection legislation and government policy in the UK.

Core Legislation

- The Wildlife and Countryside Act 1981 (as amended)
- The Conservation (Natural Habitats, &c.) Regulations 1994 (as amended)
- The Protection of badgers Act 1992
- The Hedgerow Regulations 1997
- The Town and Country Planning (Environmental Impact Assessment) (England and Wales) Regulations 1999 (as amended)
- The Countryside and Rights of Way Act 2000
- The Natural Environment and Rural Communities Act 2006

Key Policy

- The UK Biodiversity Action Plan (1994)
- National Planning Policy Framework: 11 Conserving and enhancing the natural environment (2012)
- Circular 06/05: Biodiversity and Geological Conservation - Statutory Obligations and Their Impact Within the Planning System (2005)
- Technical Advice Note 5: Nature Conservation and Planning (2006)
- Regional Planning Policy and Local Development Documents

8. Mitigation/Recommendations

8.1 For mitigation and in order to enhance the ecological value of the site in accordance with the aims of planning policy NPPF: 11, it is suggested that the developer follows the recommendations detailed below. Please note that the mitigation/enhancements have been informed by the results and findings of the preliminary ecological appraisal (see 4.2).

- Site clearance should take place at a time when it will not affect nesting birds (March to August).
- Mature trees along the western boundary with Hall Ing Lane should remain.
- New tree and shrub plantings should be an integral component of the soft landscaping proposals for the site. Plantings within the site should be generous and be locally native standard species of trees and shrubs.
- The properties should have in-situ cavity boxes or bat tubes integral to the fabric of the buildings situated high on the south or west facing gables but not over windows or doors. Additionally, several Schwegler bird boxes should be installed on existing and retained trees.
- Dwelling boundaries and fences should not impede the free movement of hedgehogs throughout the site.
- Considering the location of the proposed dwelling adjacent to good foraging habitat for bats. It is important that the impact on bats caused by light be minimised by the use of low pressure sodium lamps or high pressure sodium.

Additionally, lighting should be directed to where it is needed and light spillage avoided. This can be achieved by the design of the luminaire and by using accessories such as hoods, cowls, louvres and shields to direct the light to the intended area only. Planting can also be used as a barrier or manmade features that are required within the build can be positioned so as to form a barrier.

9. Further Survey Needs

8.1 Based on the results of the Phase 1/Preliminary ecological appraisal it is recommended that the following protected species surveys be undertaken.

- Two bat activity surveys need undertaking in May 2017 at least two weeks apart. Two surveyors are required.

10. Conclusion

10.1 The application site which was formerly the garden of the property has changed considerably since maintenance ceased and now it contains predominantly scrub habitats and bracken. Whilst these are common and widespread habitats the site may have features considered appreciably to enrich the habitat resource within the context of the neighbourhood.

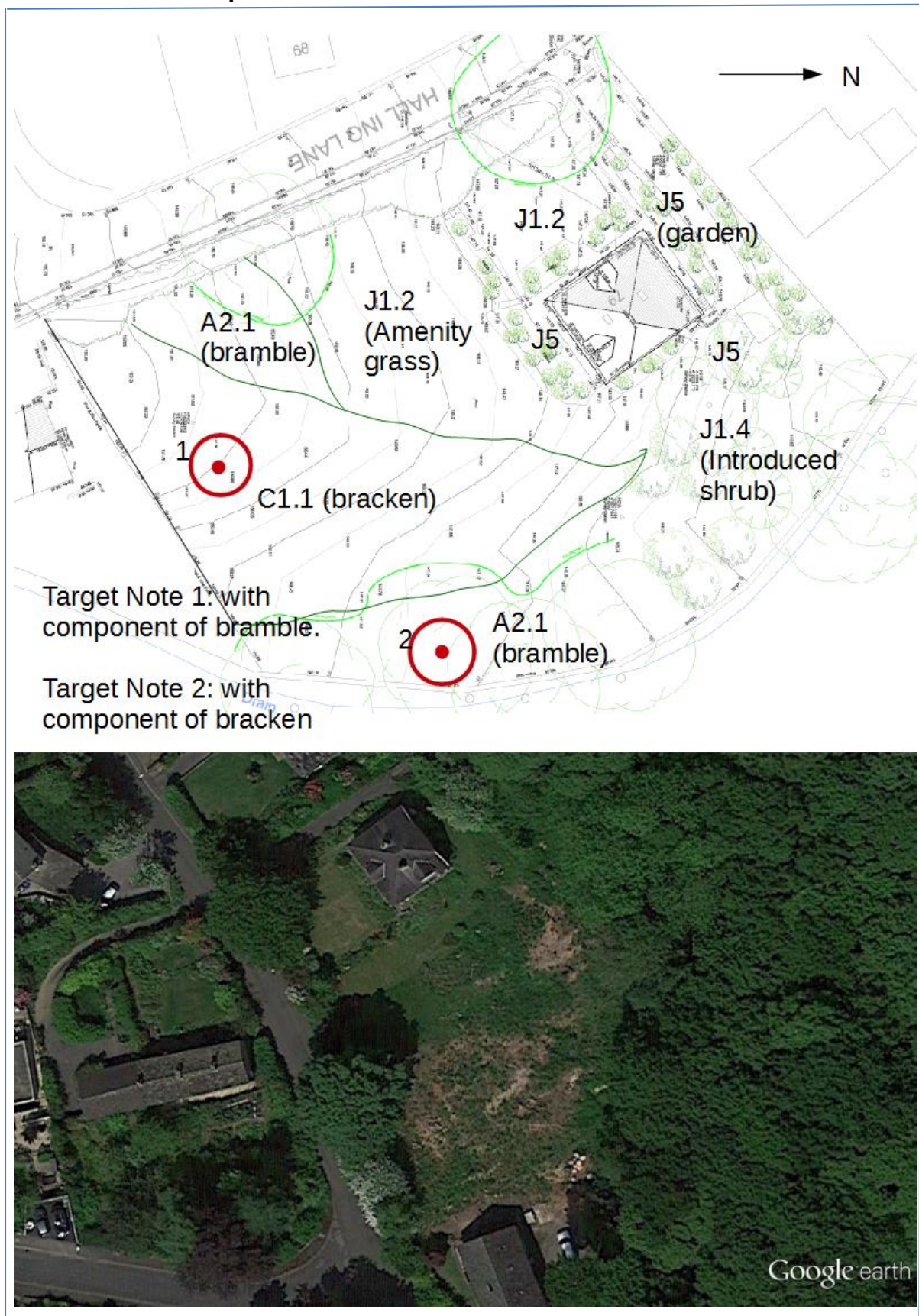
9.2 The proposed development of the site will result in the loss of scrub which is a Kirklees BAP habitat and perhaps of moderate local value. However, by implementing the recommendations outlined in section 7 of this report the effects of the development will be less negative.

References:

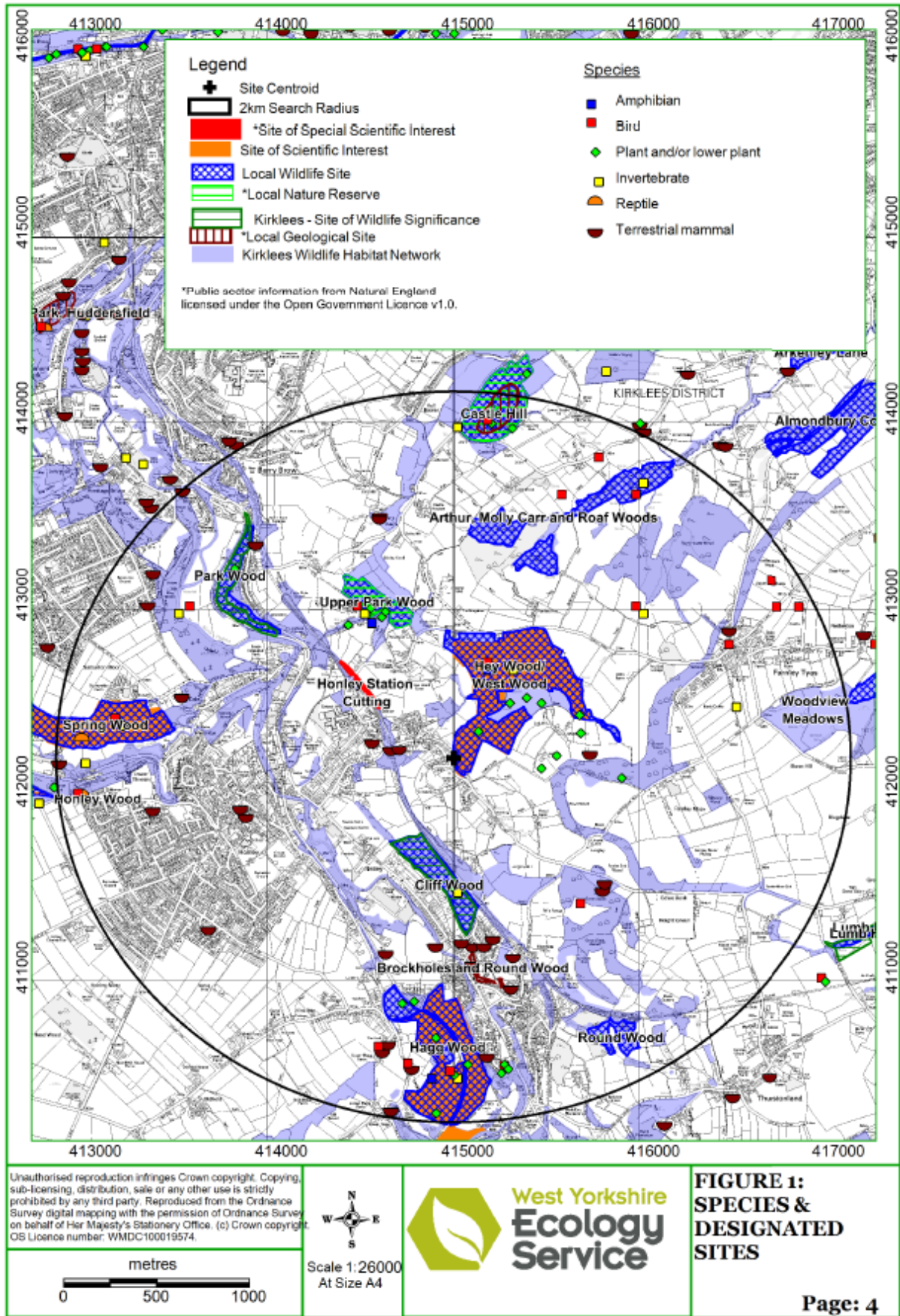
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Appendix 1

Phase 1 Habitat Map



Appendix 2 Designated Sites



Appendix 3
Data Search for a 2km radius of the site

<u>Grid Reference</u>	<u>Common Name</u>	<u>Latin Name</u>	<u>Date</u>	<u>Abundance</u>	<u>Designation</u>	<u>Distance from site centroid (m)</u>
SE14581295	Common Toad	<i>Bufo bufo</i>	21/06/2013		Sch5_sect9.5b; UKBAP; WYBAP; Kirklees BAP	859
SE149105	Common Toad	<i>Bufo bufo</i>	23/04/2015		Sch5_sect9.5b; UKBAP; WYBAP; Kirklees BAP	1,702
SE152127	Common Toad	<i>Bufo bufo</i>	08/05/1997		Sch5_sect9.5b; UKBAP; WYBAP; Kirklees BAP	538
SE152127	Common Toad	<i>Bufo bufo</i>	20/08/2002		Sch5_sect9.5b; UKBAP; WYBAP; Kirklees BAP	538
SE14581295	Common Frog	<i>Rana temporaria</i>	21/06/2013		Sch5_sect9.5b; WYBAP	859
SE152127	Common Frog	<i>Rana temporaria</i>	20/08/2002		Sch5_sect9.5b; WYBAP	538
SE152127	Common Frog	<i>Rana temporaria</i>	08/05/1997		Sch5_sect9.5b; WYBAP	538
SE158138	Skylark	<i>Alauda arvensis</i>	2002		BoCC:Red; UKBAP; WYBAP; Kirklees BAP	1,787
SE136130	Mallard	<i>Anas platyrhynchos</i>	1970 - 1988		BoCC:Amber	1,609
SE150105	Mallard	<i>Anas platyrhynchos</i>	1970 - 1988		BoCC:Amber	1,699
SE152127	Mallard	<i>Anas platyrhynchos</i>	08/05/1997		BoCC:Amber	538
SE1613	Mallard	<i>Anas platyrhynchos</i>	1970 - 1988		BoCC:Amber	1,278
SE152140	Meadow Pipit	<i>Anthus pratensis</i>	2002		BoCC:Amber	1,810
SE150105	Tree Pipit	<i>Anthus trivialis</i>	1970 - 1988		BoCC:Red; UKBAP; WYBAP; Kirklees BAP	1,699
SE152127	Tree Pipit	<i>Anthus trivialis</i>	1970 - 1988		BoCC:Red; UKBAP; WYBAP; Kirklees BAP	538
SE1613	Tree Pipit	<i>Anthus trivialis</i>	1970 - 1988		BoCC:Red; UKBAP; WYBAP; Kirklees BAP	1,278
SE136130	Swift	<i>Apus apus</i>	1970 - 1988		BoCC:Amber; WYBAP	1,609
SE152140	Swift	<i>Apus apus</i>	Unknown		BoCC:Amber; WYBAP	1,810

SE1649912795	Swift	<i>Apus apus</i>	2010		BoCC:Amber; WYBAP	1,609
SE152140	Canada Goose	<i>Branta canadensis</i>	Unknown		Sch9_part1	1,810
SE145130	Linnet	<i>Carduelis cannabina</i>	04/05/2008		BoCC:Red; UKBAP; WYBAP; Kirklees BAP	942
SE152127	Linnet	<i>Carduelis cannabina</i>	08/05/1997		BoCC:Red; UKBAP; WYBAP; Kirklees BAP	538
SE152140	Linnet	<i>Carduelis cannabina</i>	Unknown		BoCC:Red; UKBAP; WYBAP; Kirklees BAP	1,810
SE158138	Linnet	<i>Carduelis cannabina</i>	2002		BoCC:Red; UKBAP; WYBAP; Kirklees BAP	1,787
SE1673013140	Linnet	<i>Carduelis cannabina</i>	07/04/2000 - 07/06/2000	1 Count of Breeding Pair	BoCC:Red; UKBAP; WYBAP; Kirklees BAP	1,964
SE1676013000	Linnet	<i>Carduelis cannabina</i>	15/04/2000 - 15/06/2000	2 Count of Breeding Pair	BoCC:Red; UKBAP; WYBAP; Kirklees BAP	1,929
SE1688013000	Linnet	<i>Carduelis cannabina</i>	15/04/2000 - 15/06/2000	1 Count of Breeding Pair	BoCC:Red; UKBAP; WYBAP; Kirklees BAP	2,038
SE145130	Goldfinch	<i>Carduelis carduelis</i>	21/06/2013		Kirklees BAP	942
SE145130	Goldfinch	<i>Carduelis carduelis</i>	04/05/2008		Kirklees BAP	942
SE150105	Goldfinch	<i>Carduelis carduelis</i>	1970 - 1988		Kirklees BAP	1,699
SE152127	Goldfinch	<i>Carduelis carduelis</i>	08/05/1997		Kirklees BAP	538
SE152140	Goldfinch	<i>Carduelis carduelis</i>	Unknown		Kirklees BAP	1,810
SE1613	Goldfinch	<i>Carduelis carduelis</i>	1970 - 1988		Kirklees BAP	1,278
SE136130	Stock Dove	<i>Columba oenas</i>	1970 - 1988		BoCC:Amber	1,609
SE1613	Stock Dove	<i>Columba oenas</i>	1970 - 1988		BoCC:Amber	1,278
SE150105	Cuckoo	<i>Cuculus canorus</i>	1970 - 1988		BoCC:Red; UKBAP; WYBAP	1,699
SE152127	Cuckoo	<i>Cuculus canorus</i>	08/05/1997		BoCC:Red; UKBAP; WYBAP	538
SE1613	Cuckoo	<i>Cuculus canorus</i>	1970 - 1988		BoCC:Red; UKBAP; WYBAP	1,278
SE136130	House Martin	<i>Delichon urbica</i>	1970 - 1988		BoCC:Amber; WYBAP	1,609
SE152140	House Martin	<i>Delichon urbica</i>	Unknown		BoCC:Amber; WYBAP	1,810
SE1613	House Martin	<i>Delichon urbica</i>	1970 - 1988		BoCC:Amber; WYBAP	1,278

SE152127	Lesser Spotted Woodpecker	<i>Dendrocopos minor</i>	1970 - 1988		BoCC:Red; UKBAP; WYBAP	538
SE160136	Lesser Spotted Woodpecker	<i>Dendrocopos minor</i>	2002		BoCC:Red; UKBAP; WYBAP	1,718
SE1613	Lesser Spotted Woodpecker	<i>Dendrocopos minor</i>	1970 - 1988		BoCC:Red; UKBAP; WYBAP	1,278
SE152127	Yellowhammer	<i>Emberiza citrinella</i>	1970 - 1988		BoCC:Red; UKBAP; WYBAP	538
SE152140	Yellowhammer	<i>Emberiza citrinella</i>	Oct-05		BoCC:Red; UKBAP; WYBAP	1,810
SE156136	Yellowhammer	<i>Emberiza citrinella</i>	1970 - 1988		BoCC:Red; UKBAP; WYBAP	1,522
SE158138	Yellowhammer	<i>Emberiza citrinella</i>	2002		BoCC:Red; UKBAP; WYBAP	1,787
SE1613	Yellowhammer	<i>Emberiza citrinella</i>	1970 - 1988		BoCC:Red; UKBAP; WYBAP	1,278
SE152127	Kestrel	<i>Falco tinnunculus</i>	1970 - 1988		BoCC:Amber; WYBAP; Kirklees BAP	538
SE152127	Kestrel	<i>Falco tinnunculus</i>	08/05/1997		BoCC:Amber; WYBAP; Kirklees BAP	538
SE152140	Kestrel	<i>Falco tinnunculus</i>	Unknown		BoCC:Amber; WYBAP; Kirklees BAP	1,810
SE156136	Kestrel	<i>Falco tinnunculus</i>	1970 - 1988		BoCC:Amber; WYBAP; Kirklees BAP	1,522
SE1613	Kestrel	<i>Falco tinnunculus</i>	1970 - 1988		BoCC:Amber; WYBAP; Kirklees BAP	1,278
SE150105	Pied Flycatcher	<i>Ficedula hypoleuca</i>	1970 - 1988		BoCC:Amber	1,699
SE152127	Brambling	<i>Fringilla montifringilla</i>	1970 - 1988		Sch1_part1	538
SE152127	Brambling	<i>Fringilla montifringilla</i>	08/05/1997		Sch1_part1	538
SE158138	Brambling	<i>Fringilla montifringilla</i>	2002		Sch1_part1	1,787
SE1613	Brambling	<i>Fringilla montifringilla</i>	1970 - 1988		Sch1_part1	1,278
SE136130	Swallow	<i>Hirundo rustica</i>	1970 - 1988		BoCC:Amber; WYBAP; Kirklees BAP	1,609
SE145130	Swallow	<i>Hirundo rustica</i>	04/05/2008		BoCC:Amber; WYBAP; Kirklees BAP	942
SE1461410632	Swallow	<i>Hirundo rustica</i>	May-14		BoCC:Amber; WYBAP; Kirklees BAP	1,614
SE1477410541	Swallow	<i>Hirundo rustica</i>	01/08/2012	1 Count	BoCC:Amber; WYBAP; Kirklees BAP	1,674
SE152127	Swallow	<i>Hirundo rustica</i>	1970 - 1988		BoCC:Amber; WYBAP; Kirklees BAP	538
SE152140	Swallow	<i>Hirundo rustica</i>	Unknown		BoCC:Amber; WYBAP; Kirklees BAP	1,810
SE1613	Swallow	<i>Hirundo rustica</i>	1970 - 1988		BoCC:Amber; WYBAP; Kirklees BAP	1,278

SE145130	Lesser Black-Backed Gull	<i>Larus fuscus</i>	04/05/2008		BoCC:Amber	942
SE152140	Lesser Black-Backed Gull	<i>Larus fuscus</i>	Unknown		BoCC:Amber	1,810
SE136130	Grey Wagtail	<i>Motacilla cinerea</i>	1970 - 1988		BoCC:Amber	1,609
SE150105	Grey Wagtail	<i>Motacilla cinerea</i>	1970 - 1988		BoCC:Amber	1,699
SE136130	Spotted Flycatcher	<i>Muscicapa striata</i>	1970 - 1988		BoCC:Red; UKBAP; WYBAP; Kirklees BAP	1,609
SE150105	Spotted Flycatcher	<i>Muscicapa striata</i>	1970 - 1988		BoCC:Red; UKBAP; WYBAP; Kirklees BAP	1,699
SE152127	Spotted Flycatcher	<i>Muscicapa striata</i>	1970 - 1988		BoCC:Red; UKBAP; WYBAP; Kirklees BAP	538
SE1613	Spotted Flycatcher	<i>Muscicapa striata</i>	1970 - 1988		BoCC:Red; UKBAP; WYBAP; Kirklees BAP	1,278
SE152140	Wheatear	<i>Oenanthe oenanthe</i>	Unknown		BoCC:Amber	1,810
SE1613	Willow Tit	<i>Parus montanus</i>	1970 - 1988		BoCC:Red; UKBAP; WYBAP; Kirklees BAP	1,278
SE132124	House Sparrow	<i>Passer domesticus</i>	1970 - 1988		BoCC:Red; UKBAP; WYBAP; Kirklees BAP	1,806
SE136130	House Sparrow	<i>Passer domesticus</i>	1970 - 1988		BoCC:Red; UKBAP; WYBAP; Kirklees BAP	1,609
SE145130	House Sparrow	<i>Passer domesticus</i>	04/05/2008		BoCC:Red; UKBAP; WYBAP; Kirklees BAP	942
SE150105	House Sparrow	<i>Passer domesticus</i>	1970 - 1988		BoCC:Red; UKBAP; WYBAP; Kirklees BAP	1,699
SE152127	House Sparrow	<i>Passer domesticus</i>	1970 - 1988		BoCC:Red; UKBAP; WYBAP; Kirklees BAP	538
SE1613	House Sparrow	<i>Passer domesticus</i>	1970 - 1988		BoCC:Red; UKBAP; WYBAP; Kirklees BAP	1,278
SE1312	Tree Sparrow	<i>Passer montanus</i>	1970 - 1988		BoCC:Red; UKBAP; WYBAP; Kirklees BAP	2,004
SE152127	Tree Sparrow	<i>Passer montanus</i>	1970 - 1988		BoCC:Red; UKBAP; WYBAP; Kirklees BAP	538
SE156136	Tree Sparrow	<i>Passer montanus</i>	1970 - 1988		BoCC:Red; UKBAP; WYBAP; Kirklees BAP	1,522
SE158138	Tree Sparrow	<i>Passer montanus</i>	2002		BoCC:Red; UKBAP; WYBAP; Kirklees BAP	1,787

SE1613	Tree Sparrow	<i>Passer montanus</i>	1970 - 1988		BoCC:Red; UKBAP; WYBAP; Kirklees BAP	1,278
SE1613	Grey Partridge	<i>Perdix perdix</i>	1970 - 1988		BoCC:Red; UKBAP; WYBAP; Kirklees BAP	1,278
SE136130	Redstart	<i>Phoenicurus phoenicurus</i>	1970 - 1988		BoCC:Amber	1,609
SE1613	Redstart	<i>Phoenicurus phoenicurus</i>	1970 - 1988		BoCC:Amber	1,278
SE150105	Wood Warbler	<i>Phylloscopus sibilatrix</i>	1970 - 1988		BoCC:Red; UKBAP; WYBAP; Kirklees BAP	1,699
SE157114	Wood Warbler	<i>Phylloscopus sibilatrix</i>	1970 - 1988		BoCC:Red; UKBAP; WYBAP; Kirklees BAP	1,061
SE1613	Wood Warbler	<i>Phylloscopus sibilatrix</i>	1970 - 1988		BoCC:Red; UKBAP; WYBAP; Kirklees BAP	1,278
SE1312	Willow Warbler	<i>Phylloscopus trochilus</i>	1970 - 1988		BoCC:Amber	2,004
SE136130	Willow Warbler	<i>Phylloscopus trochilus</i>	1970 - 1988		BoCC:Amber	1,609
SE145130	Willow Warbler	<i>Phylloscopus trochilus</i>	04/05/2008		BoCC:Amber	942
SE150105	Willow Warbler	<i>Phylloscopus trochilus</i>	1970 - 1988		BoCC:Amber	1,699
SE152127	Willow Warbler	<i>Phylloscopus trochilus</i>	08/05/1997		BoCC:Amber	538
SE152127	Willow Warbler	<i>Phylloscopus trochilus</i>	1970 - 1988		BoCC:Amber	538
SE156136	Willow Warbler	<i>Phylloscopus trochilus</i>	1970 - 1988		BoCC:Amber	1,522
SE157114	Willow Warbler	<i>Phylloscopus trochilus</i>	1970 - 1988		BoCC:Amber	1,061
SE1613	Willow Warbler	<i>Phylloscopus trochilus</i>	1970 - 1988		BoCC:Amber	1,278
SE136130	Green Woodpecker	<i>Picus viridis</i>	1970 - 1988		BoCC:Amber	1,609
SE145130	Green Woodpecker	<i>Picus viridis</i>	04/05/2008		BoCC:Amber	942
SE150105	Green Woodpecker	<i>Picus viridis</i>	1970 - 1988		BoCC:Amber	1,699

SE152127	Green Woodpecker	<i>Picus viridis</i>	08/05/1997		BoCC:Amber	538
SE152127	Green Woodpecker	<i>Picus viridis</i>	1970 - 1988		BoCC:Amber	538
SE160136	Green Woodpecker	<i>Picus viridis</i>	2002		BoCC:Amber	1,718
SE1613	Green Woodpecker	<i>Picus viridis</i>	1970 - 1988		BoCC:Amber	1,278
SE1312	Dunnock	<i>Prunella modularis</i>	1970 - 1988		BoCC:Amber; UKBAP; WYBAP; Kirklees BAP	2,004
SE136130	Dunnock	<i>Prunella modularis</i>	1970 - 1988		BoCC:Amber; UKBAP; WYBAP; Kirklees BAP	1,609
SE145130	Dunnock	<i>Prunella modularis</i>	21/06/2013		BoCC:Amber; UKBAP; WYBAP; Kirklees BAP	942
SE145130	Dunnock	<i>Prunella modularis</i>	04/05/2008		BoCC:Amber; UKBAP; WYBAP; Kirklees BAP	942
SE150105	Dunnock	<i>Prunella modularis</i>	1970 - 1988		BoCC:Amber; UKBAP; WYBAP; Kirklees BAP	1,699
SE152127	Dunnock	<i>Prunella modularis</i>	08/05/1997		BoCC:Amber; UKBAP; WYBAP; Kirklees BAP	538
SE152127	Dunnock	<i>Prunella modularis</i>	1970 - 1988		BoCC:Amber; UKBAP; WYBAP; Kirklees BAP	538
SE152140	Dunnock	<i>Prunella modularis</i>	Unknown		BoCC:Amber; UKBAP; WYBAP; Kirklees BAP	1,810
SE15291053	Dunnock	<i>Prunella modularis</i>	17/06/2015		BoCC:Amber; UKBAP; WYBAP; Kirklees BAP	1,694
SE156136	Dunnock	<i>Prunella modularis</i>	1970 - 1988		BoCC:Amber; UKBAP; WYBAP; Kirklees BAP	1,522
SE1613	Dunnock	<i>Prunella modularis</i>	1970 - 1988		BoCC:Amber; UKBAP; WYBAP; Kirklees BAP	1,278
SE136130	Bullfinch	<i>Pyrrhula pyrrhula</i>	1970 - 1988		BoCC:Amber; UKBAP; WYBAP; Kirklees BAP	1,609
SE145130	Bullfinch	<i>Pyrrhula pyrrhula</i>	04/05/2008		BoCC:Amber; UKBAP; WYBAP; Kirklees BAP	942
SE152127	Bullfinch	<i>Pyrrhula pyrrhula</i>	08/05/1997		BoCC:Amber; UKBAP; WYBAP; Kirklees BAP	538
SE152127	Bullfinch	<i>Pyrrhula pyrrhula</i>	1970 - 1988		BoCC:Amber; UKBAP; WYBAP; Kirklees BAP	538

SE152140	Bullfinch	<i>Pyrrhula pyrrhula</i>	Unknown		BoCC:Amber; UKBAP; WYBAP; Kirklees BAP	1,810
SE156136	Bullfinch	<i>Pyrrhula pyrrhula</i>	1970 - 1988		BoCC:Amber; UKBAP; WYBAP; Kirklees BAP	1,522
SE158138	Bullfinch	<i>Pyrrhula pyrrhula</i>	2002		BoCC:Amber; UKBAP; WYBAP; Kirklees BAP	1,787
SE1613	Bullfinch	<i>Pyrrhula pyrrhula</i>	1970 - 1988		BoCC:Amber; UKBAP; WYBAP; Kirklees BAP	1,278
SE150105	Woodcock	<i>Scolopax rusticola</i>	1970 - 1988		BoCC:Amber; Kirklees BAP	1,699
SE1312	Starling	<i>Sturnus vulgaris</i>	1970 - 1988		BoCC:Red; UKBAP; WYBAP; Kirklees BAP	2,004
SE136130	Starling	<i>Sturnus vulgaris</i>	1970 - 1988		BoCC:Red; UKBAP; WYBAP; Kirklees BAP	1,609
SE145130	Starling	<i>Sturnus vulgaris</i>	04/05/2008		BoCC:Red; UKBAP; WYBAP; Kirklees BAP	942
SE150105	Starling	<i>Sturnus vulgaris</i>	1970 - 1988		BoCC:Red; UKBAP; WYBAP; Kirklees BAP	1,699
SE152127	Starling	<i>Sturnus vulgaris</i>	08/05/1997		BoCC:Red; UKBAP; WYBAP; Kirklees BAP	538
SE152127	Starling	<i>Sturnus vulgaris</i>	1970 - 1988		BoCC:Red; UKBAP; WYBAP; Kirklees BAP	538
SE156136	Starling	<i>Sturnus vulgaris</i>	1970 - 1988		BoCC:Red; UKBAP; WYBAP; Kirklees BAP	1,522
SE157114	Starling	<i>Sturnus vulgaris</i>	1970 - 1988		BoCC:Red; UKBAP; WYBAP; Kirklees BAP	1,061
SE1613	Starling	<i>Sturnus vulgaris</i>	1970 - 1988		BoCC:Red; UKBAP; WYBAP; Kirklees BAP	1,278
SE145130	Whitethroat	<i>Sylvia communis</i>	21/06/2013		BoCC:Amber	942
SE145130	Whitethroat	<i>Sylvia communis</i>	04/05/2008		BoCC:Amber	942
SE152127	Whitethroat	<i>Sylvia communis</i>	1970 - 1988		BoCC:Amber	538
SE150105	Redwing	<i>Turdus iliacus</i>	1970 - 1988		Sch1_part1; BoCC:Red	1,699
SE152127	Redwing	<i>Turdus iliacus</i>	08/05/1997		Sch1_part1; BoCC:Red	538
SE152127	Redwing	<i>Turdus iliacus</i>	1970 - 1988		Sch1_part1; BoCC:Red	538
SE156136	Redwing	<i>Turdus iliacus</i>	1970 - 1988		Sch1_part1; BoCC:Red	1,522
SE132124	Song Thrush	<i>Turdus philomelos</i>	1970 - 1988		BoCC:Red; UKBAP; WYBAP; Kirklees BAP	1,806

SE136130	Song Thrush	<i>Turdus philomelos</i>	1970 - 1988		BoCC:Red; UKBAP; WYBAP; Kirklees BAP	1,609
SE145130	Song Thrush	<i>Turdus philomelos</i>	04/05/2008		BoCC:Red; UKBAP; WYBAP; Kirklees BAP	942
SE145130	Song Thrush	<i>Turdus philomelos</i>	21/06/2013		BoCC:Red; UKBAP; WYBAP; Kirklees BAP	942
SE150105	Song Thrush	<i>Turdus philomelos</i>	1970 - 1988		BoCC:Red; UKBAP; WYBAP; Kirklees BAP	1,699
SE152127	Song Thrush	<i>Turdus philomelos</i>	08/05/1997		BoCC:Red; UKBAP; WYBAP; Kirklees BAP	538
SE152127	Song Thrush	<i>Turdus philomelos</i>	1970 - 1988		BoCC:Red; UKBAP; WYBAP; Kirklees BAP	538
SE152140	Song Thrush	<i>Turdus philomelos</i>	Unknown		BoCC:Red; UKBAP; WYBAP; Kirklees BAP	1,810
SE156136	Song Thrush	<i>Turdus philomelos</i>	1970 - 1988		BoCC:Red; UKBAP; WYBAP; Kirklees BAP	1,522
SE158138	Song Thrush	<i>Turdus philomelos</i>	2002		BoCC:Red; UKBAP; WYBAP; Kirklees BAP	1,787
SE1613	Song Thrush	<i>Turdus philomelos</i>	1970 - 1988		BoCC:Red; UKBAP; WYBAP; Kirklees BAP	1,278
SE1673013140	Song Thrush	<i>Turdus philomelos</i>	07/04/2000 - 07/06/2000	1 Count of Breeding Pair	BoCC:Red; UKBAP; WYBAP; Kirklees BAP	1,964
SE150105	Fieldfare	<i>Turdus pilaris</i>	1970 - 1988		Sch1_part1; BoCC:Red	1,699
SE152127	Fieldfare	<i>Turdus pilaris</i>	08/05/1997		Sch1_part1; BoCC:Red	538
SE152127	Fieldfare	<i>Turdus pilaris</i>	1970 - 1988		Sch1_part1; BoCC:Red	538
SE152140	Fieldfare	<i>Turdus pilaris</i>	Unknown		Sch1_part1; BoCC:Red	1,810
SE156136	Fieldfare	<i>Turdus pilaris</i>	1970 - 1988		Sch1_part1; BoCC:Red	1,522
SE1613	Fieldfare	<i>Turdus pilaris</i>	1970 - 1988		Sch1_part1; BoCC:Red	1,278
SE136130	Mistle Thrush	<i>Turdus viscivorus</i>	1970 - 1988		BoCC:Amber	1,609
SE145130	Mistle Thrush	<i>Turdus viscivorus</i>	04/05/2008		BoCC:Amber	942
SE150105	Mistle Thrush	<i>Turdus viscivorus</i>	1970 - 1988		BoCC:Amber	1,699
SE152127	Mistle Thrush	<i>Turdus viscivorus</i>	08/05/1997		BoCC:Amber	538
SE152127	Mistle Thrush	<i>Turdus viscivorus</i>	1970 - 1988		BoCC:Amber	538
SE1613	Mistle Thrush	<i>Turdus viscivorus</i>	1970 - 1988		BoCC:Amber	1,278

SE152126	Narrow-Leaved Water-Plantain	<i>Alisma lanceolatum</i>	Unknown		Kirklees BAP	447
SE152127	Narrow-Leaved Water-Plantain	<i>Alisma lanceolatum</i>	08/05/1997	R Range of DAFOR	Kirklees BAP	538
SE152127	Narrow-Leaved Water-Plantain	<i>Alisma lanceolatum</i>	20/08/2002	R Range of DAFOR	Kirklees BAP	538
SE153125	Narrow-Leaved Water-Plantain	<i>Alisma lanceolatum</i>	Unknown		Kirklees BAP	424
SE152140	Good King Henry	<i>Chenopodium bonus-henricus</i>	Oct-05		RDB:post2001:VU	1,810
SE15681234	Northern Hawk's-Beard	<i>Crepis mollis</i>	23/08/2008	r Count of DAFOR	RDB:post2001:EN; UKBAP	692
SE150105	Japanese Knotweed	<i>Fallopia japonica</i>	29/05/1996	O Range of DAFOR	Sch9_part2	1,699
SE150105	Japanese Knotweed	<i>Fallopia japonica</i>	20/06/2001	O Range of DAFOR	Sch9_part2	1,699
SE152140	Japanese Knotweed	<i>Fallopia japonica</i>	Oct-05		Sch9_part2	1,810
SE1525410508	Japanese Knotweed	<i>Fallopia japonica</i>	17/06/2015		Sch9_part2	1,710
SE132124	Bluebell	<i>Hyacinthoides non-scripta</i>	10/09/2002	F Range of DAFOR	Sch8_sect 13.2; Kirklees BAP	1,806
SE132124	Bluebell	<i>Hyacinthoides non-scripta</i>	06/06/1996	F Range of DAFOR	Sch8_sect 13.2; Kirklees BAP	1,806
SE1382013220	Bluebell	<i>Hyacinthoides non-scripta</i>	24/04/2015	LA Count of DAFOR	Sch8_sect 13.2; Kirklees BAP	1,557
SE14431292	Bluebell	<i>Hyacinthoides non-scripta</i>	21/06/2013	O Count of DAFOR	Sch8_sect 13.2; Kirklees BAP	917
SE14551301	Bluebell	<i>Hyacinthoides non-scripta</i>	21/06/2013	O Count of DAFOR	Sch8_sect 13.2; Kirklees BAP	926
SE14611296	Bluebell	<i>Hyacinthoides non-scripta</i>	21/06/2013	R Count of DAFOR	Sch8_sect 13.2; Kirklees BAP	853
SE14631299	Bluebell	<i>Hyacinthoides non-scripta</i>	21/06/2013	O Count of DAFOR	Sch8_sect 13.2; Kirklees BAP	872

SE1472110882	Bluebell	<i>Hyacinthoides non-scripta</i>	23/04/2015	F Count of DAFOR	Sch8_sect 13.2; Kirklees BAP	1,346
SE1478510894	Bluebell	<i>Hyacinthoides non-scripta</i>	23/04/2015	A Count of DAFOR	Sch8_sect 13.2; Kirklees BAP	1,323
SE1490010697	Bluebell	<i>Hyacinthoides non-scripta</i>	23/04/2015	R Count of DAFOR	Sch8_sect 13.2; Kirklees BAP	1,506
SE150105	Bluebell	<i>Hyacinthoides non-scripta</i>	20/06/2001	F Range of DAFOR	Sch8_sect 13.2; Kirklees BAP	1,699
SE150105	Bluebell	<i>Hyacinthoides non-scripta</i>	29/05/1996	F Range of DAFOR	Sch8_sect 13.2; Kirklees BAP	1,699
SE150115	Bluebell	<i>Hyacinthoides non-scripta</i>	24/04/2015	A Count of DAFOR	Sch8_sect 13.2; Kirklees BAP	700
SE1507210555	Bluebell	<i>Hyacinthoides non-scripta</i>	23/04/2015	O Count of DAFOR	Sch8_sect 13.2; Kirklees BAP	1,646
SE1513012350	Bluebell	<i>Hyacinthoides non-scripta</i>	15/05/2015	LA Count of DAFOR	Sch8_sect 13.2; Kirklees BAP	198
SE152127	Bluebell	<i>Hyacinthoides non-scripta</i>	08/05/1997	D Range of DAFOR	Sch8_sect 13.2; Kirklees BAP	538
SE152127	Bluebell	<i>Hyacinthoides non-scripta</i>	20/08/2002	D Range of DAFOR	Sch8_sect 13.2; Kirklees BAP	538
SE1531313974	Bluebell	<i>Hyacinthoides non-scripta</i>	30/06/2015	O Count of DAFOR	Sch8_sect 13.2; Kirklees BAP	1,800
SE1567312437	Bluebell	<i>Hyacinthoides non-scripta</i>	15/05/2015	LA Count of DAFOR	Sch8_sect 13.2; Kirklees BAP	712
SE1578710697	Bluebell	<i>Hyacinthoides non-scripta</i>	19/05/2015	F Count of DAFOR	Sch8_sect 13.2; Kirklees BAP	1,695
SE159121	Bluebell	<i>Hyacinthoides non-scripta</i>	16/08/1977	2 Range of Domin Score	Sch8_sect 13.2; Kirklees BAP	903
SE132124	Indian Balsam	<i>Impatiens glandulifera</i>	10/09/2002	LF Range of DAFOR	Sch9_part2	1,806
SE150105	Indian Balsam	<i>Impatiens glandulifera</i>	20/06/2001	R Range of DAFOR	Sch9_part2	1,699
SE150105	Indian Balsam	<i>Impatiens glandulifera</i>	29/05/1996	R Range of DAFOR	Sch9_part2	1,699
SE1507210555	Indian Balsam	<i>Impatiens glandulifera</i>	23/04/2015	R Count of DAFOR	Sch9_part2	1,646

SE1513012350	Indian Balsam	<i>Impatiens glandulifera</i>	15/05/2015	O Count of DAFOR	Sch9_part2	198
SE1513012350	Indian Balsam	<i>Impatiens glandulifera</i>	15/05/2015	R Count of DAFOR	Sch9_part2	198
SE152127	Indian Balsam	<i>Impatiens glandulifera</i>	08/05/1997	R Range of DAFOR	Sch9_part2	538
SE152127	Indian Balsam	<i>Impatiens glandulifera</i>	20/08/2002	R Range of DAFOR	Sch9_part2	538
SE1527110554	Indian Balsam	<i>Impatiens glandulifera</i>	17/06/2015		Sch9_part2	1,667
SE15471250	Indian Balsam	<i>Impatiens glandulifera</i>	23/08/2008	Id Count of DAFOR	Sch9_part2	556
SE1490310294	Yellow Archangel	<i>Lamiastrum galeobdolon subsp. argentatum</i>	23/04/2015	R Count of DAFOR	Sch9_part2	1,908
SE1507210555	Yellow Archangel	<i>Lamiastrum galeobdolon subsp. argentatum</i>	23/04/2015	R Count of DAFOR	Sch9_part2	1,646
SE1490010697	Rhododendron	<i>Rhododendron ponticum</i>	23/04/2015	R Count of DAFOR	Sch9_part2	1,506
SE15291053	Rhododendron	<i>Rhododendron ponticum</i>	17/06/2015		Sch9_part2	1,694
SE15391253	Marsh Stitchwort	<i>Stellaria palustris</i>	23/08/2008	r Count of DAFOR	RDB:post2001:VU; UKBAP	510
SE15471215	Marsh Stitchwort	<i>Stellaria palustris</i>	23/08/2008	o Count of DAFOR	RDB:post2001:VU; UKBAP	471
SE15551222	Marsh Stitchwort	<i>Stellaria palustris</i>	23/08/2008	r Count of DAFOR	RDB:post2001:VU; UKBAP	549
SE150115	Ancistronycha abdominalis	<i>Ancistronycha abdominalis</i>	Unknown		Notable:B	700
SE132124	Barynotus squamosus	<i>Barynotus squamosus</i>	Unknown		Notable:B	1,806
SE135130	Calathus ambiguus	<i>Calathus ambiguus</i>	Unknown		Notable:B	1,696
SE165125	Euryptilium saxonicum	<i>Euryptilium saxonicum</i>	Unknown		Notable	1,526
SE160130	Falagria sulcatula	<i>Falagria sulcatula</i>	Unknown		Notable	1,278

SE130122	Graptodytes granularis	<i>Graptodytes granularis</i>	Unknown		Notable:B	1,994
SE130120	Gymnusa variegata	<i>Gymnusa variegata</i>	Unknown		Notable	2,004
SE132124	Gyrophæna manca	<i>Gyrophæna manca</i>	Unknown		Notable	1,806
SE150105	Hylecoetus dermestoides	<i>Hylecoetus dermestoides</i>	Unknown		Notable:B	1,699
SE130122	Limnebius nitidus	<i>Limnebius nitidus</i>	Unknown		Notable:B	1,994
SE153127	Magdalis cerasi	<i>Magdalis cerasi</i>	Unknown		Notable:B	582
SE130122	Proteinus crenulatus	<i>Proteinus crenulatus</i>	Unknown		Notable:B	1,994
SE160137	Ptiliolum schwarzi	<i>Ptiliolum schwarzi</i>	Unknown		RDB:Pre94:Insu	1,801
SE132124	Trechus subnotatus	<i>Trechus subnotatus</i>	Unknown		RDB:Pre94:EN	1,806
SE130120	Tropiphorus terricola	<i>Tropiphorus terricola</i>	Unknown		Notable:B	2,004
SE1514	Wall	<i>Lasiommata megera</i>	2002		UKBAP; WYBAP	1,799
SE145130	Cinnabar	<i>Tyria jacobaeae</i>	21/06/2013		UKBAP; WYBAP	942
SE1312	Slow-worm	<i>Anguis fragilis</i>	1868		Sch5_sect9.1 (part) & 9.5; UKBAP; WYBAP; Kirklees BAP	2,004
SE130123	Grass Snake	<i>Natrix natrix</i>	1914		Sch5_sect9.1 (part) & 9.5; UKBAP; WYBAP; Kirklees BAP	1,997
SE16481290	West European Hedgehog	<i>Erinaceus europæus</i>	2013	5 Count	UKBAP; WYBAP; Kirklees BAP	1,633
SE15731224	Brown Hare	<i>Lepus europæus</i>	23/08/2008		UKBAP; WYBAP; Kirklees BAP	729
SE1287912188	Daubenton's Bat	<i>Myotis daubentoni</i>	27/09/2012		Sch5; WYBAP; Kirklees BAP	2,115
SE15811154	Natterer's Bat	<i>Myotis nattereri</i>	31/08/2012	1 Count	Sch5; WYBAP; Kirklees BAP	1,043
SE149112	Lesser Noctule Bat	<i>Nyctalus leisleri</i>	10/10/2008		Sch5; WYBAP; Kirklees BAP	1,005
SE158115	Lesser Noctule Bat	<i>Nyctalus leisleri</i>	28/08/2008	1 Count of Adult	Sch5; WYBAP; Kirklees BAP	1,061

SE1388111895	Noctule	<i>Nyctalus noctula</i>	Jun-14		Sch5; UKBAP; WYBAP; Kirklees BAP	1,157
SE1461410632	Noctule	<i>Nyctalus noctula</i>	May-14		Sch5; UKBAP; WYBAP; Kirklees BAP	1,614
SE1463211163	Noctule	<i>Nyctalus noctula</i>	05/09/2013	1 Count	Sch5; UKBAP; WYBAP; Kirklees BAP	1,100
SE1464510674	Noctule	<i>Nyctalus noctula</i>	May-14		Sch5; UKBAP; WYBAP; Kirklees BAP	1,566
SE1287912188	Pipistrelle	<i>Pipistrellus pipistrellus</i>	27/09/2012	1 Count	Sch5; WYBAP; Kirklees BAP	2,115
SE1335413036	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	15/07/2015	20 Count of Present	Sch5; WYBAP; Kirklees BAP	1,842
SE13381193	Pipistrelle	<i>Pipistrellus pipistrellus</i>	10/08/2012	5 Count	Sch5; WYBAP; Kirklees BAP	1,638
SE1353612545	Pipistrelle	<i>Pipistrellus pipistrellus</i>	16/06/2010		Sch5; WYBAP; Kirklees BAP	1,500
SE1388111895	Pipistrelle	<i>Pipistrellus pipistrellus</i>	Jun-14		Sch5; WYBAP; Kirklees BAP	1,157
SE1393313361	Pipistrelle	<i>Pipistrellus pipistrellus</i>	2007		Sch5; WYBAP; Kirklees BAP	1,574
SE1460213513	Pipistrelle	<i>Pipistrellus pipistrellus</i>	01/09/2011	2 Count	Sch5; WYBAP; Kirklees BAP	1,371
SE146135	Pipistrelle	<i>Pipistrellus pipistrellus</i>	14/09/2011		Sch5; WYBAP; Kirklees BAP	1,359
SE1461410632	Pipistrelle	<i>Pipistrellus pipistrellus</i>	May-14		Sch5; WYBAP; Kirklees BAP	1,614
SE1463211163	Pipistrelle	<i>Pipistrellus pipistrellus</i>	05/09/2013	2 Count	Sch5; WYBAP; Kirklees BAP	1,100
SE1464510674	Pipistrelle	<i>Pipistrellus pipistrellus</i>	May-14		Sch5; WYBAP; Kirklees BAP	1,566
SE1465912261	Pipistrelle	<i>Pipistrellus pipistrellus</i>	2001		Sch5; WYBAP; Kirklees BAP	345
SE1470512265	Pipistrelle	<i>Pipistrellus pipistrellus</i>	10/06/2010		Sch5; WYBAP; Kirklees BAP	301
SE1477410541	Pipistrelle	<i>Pipistrellus pipistrellus</i>	01/08/2012		Sch5; WYBAP; Kirklees BAP	1,674
SE149112	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>	10/10/2008		Sch5; WYBAP; Kirklees BAP	1,005
SE15811154	Pipistrelle	<i>Pipistrellus pipistrellus</i>	31/08/2012	8 Count	Sch5; WYBAP; Kirklees BAP	1,043

SE1463211163	Soprano Pipistrelle	<i>Pipistrellus pygmaeus</i>	05/09/2013	1 Count	Sch5; UKBAP; WYBAP; Kirklees BAP	1,100
SE1393413362	Pipistrelle Bat species	<i>Pipistrellus sp.</i>	09/07/2007	not recorded Range	Sch5	1,575
SE1393413362	Pipistrelle Bat species	<i>Pipistrellus sp.</i>	09/07/2007		Sch5	1,575
SE1466210317	Pipistrelle Bat species	<i>Pipistrellus sp.</i>	06/12/2007	2 Count of Adult	Sch5	1,912
SE15041122	Pipistrelle Bat species	<i>Pipistrellus sp.</i>	09/09/2004	1 Count of Adult	Sch5	980
SE151112	Pipistrelle Bat species	<i>Pipistrellus sp.</i>	07/06/2011	15 Count of Adult	Sch5	1,005
SE151112	Pipistrelle Bat species	<i>Pipistrellus sp.</i>	18/06/2011	23 Count of Adult	Sch5	1,005
SE1517610607	Pipistrelle Bat species	<i>Pipistrellus sp.</i>	29/08/2006	1 Count of Adult	Sch5	1,602
SE1463211163	Brown Long-Eared Bat	<i>Plecotus auritus</i>	02/09/2013		Sch5; UKBAP; WYBAP; Kirklees BAP	1,100
SE149112	Brown Long-eared Bat	<i>Plecotus auritus</i>	10/10/2008		Sch5; UKBAP; WYBAP; Kirklees BAP	1,005
SE15811154	Brown Long-Eared Bat	<i>Plecotus auritus</i>	31/08/2012	3 Count	Sch5; UKBAP; WYBAP; Kirklees BAP	1,043
SE1338113206	Bats	<i>Vespertilionidae</i>	1993		Sch5	1,902
SE13681129	Vesper Bat species	<i>Vespertilionidae</i>	24/09/2003		Sch5	1,600
SE13851194	Vesper Bat species	<i>Vespertilionidae</i>	22/07/2005	3 Count of Adult	Sch5	1,176
SE1456012300	Vesper Bat species	<i>Vespertilionidae</i>	06/08/2004	1 Count of Adult	Sch5	450
SE151111	Vesper Bat species	<i>Vespertilionidae</i>	08/07/2002		Sch5	1,104
SE1516111199	Vesper Bat species	<i>Vespertilionidae</i>	15/09/2000		Sch5	1,013
SE15211124	Vesper Bat species	<i>Vespertilionidae</i>	08/07/2003	1 Count of Adult	Sch5	982
SE1530710973	Vesper Bat species	<i>Vespertilionidae</i>	26/10/2000		Sch5	1,264

SE1531611142	Vesper Bat species	<i>Vespertilionidae</i>	10/07/2003	196 Count of Adult	Sch5	1,104
SE1531611142	Vesper Bat species	<i>Vespertilionidae</i>	04/07/2007	not recorded Range	Sch5	1,104
SE1531611142	Vesper Bat species	<i>Vespertilionidae</i>	04/07/2007		Sch5	1,104