Hey Slack Farm, Cumberworth

Ecological Assessment

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1 Introduction

This report presents the results of an ecological assessment in relation to the installation of a 5kW wind turbine at Hey Slack Farm, Hey Slack Lane, Cumberworth, Huddersfield, West Yorkshire HD8 8YD

The proposed turbine will be located at grid reference SE 1835 0643 (approx.) and will be installed adjacent to an existing 5kW turbine. The location of the turbine is presented in Figures 1 & 2 below. This report was produced to support planning decisions in relation to the development.

Figure 1: Proposed turbine location



Figure 2: Proposed Turbine Location



2 Survey Methodology

2.0 Desk Study

Existing ecological records of protected/notable species within 1.5 km of the proposed turbine location were requested from West Yorkshire Ecology (WYE) and Barnsley Biological Records Centre (BBRC) as the relevant search area surrounding the site (2km) covers both jurisdictions.

In addition, the following web sources were searched for statutory / non-statutory conservation areas and additional ecological data of relevance to the site.

- Multi-Agency Geographic Information for the Countryside (MAGIC).
- National Biodiversity Network (NBN).
- Ordnance Survey 1:25,000 mapping.
- Aerial photographs.

2.1 Field Survey

A ecological assessment of the site was undertaken on 22nd March 2012 and conducted by Toby Fisher MIEEM CEnv and Ryan Knight AIEEM of Quants Environmental in accordance with the standard habitat classification methodology[1]. The weather conditions at the time of the survey were sunny, calm (Bft 1-2), 12°C with moderate visibility. The site was also searched for evidence of protected/notable species and the habitats present were assessed in terms of their potential to support protected/notable species.

The survey was undertaken outside the optimum botanical season for phase 1 habitat survey (May to September). However, it was possible to identify a representative proportion of plant species at the time of the survey to effectively assess the character of the vegetation.

[1] JNCC, (2010), Handbook for Phase 1 habitat survey - a technique for environmental audit, ISBN 0 86139 636 7.[1]

3 Survey Results

3.0 Desk Study

Information provided by WYE & BBRC is included in Appendix 2 & 3 respectively. A search on MAGIC revealed that there are no statutorily / non-statutorily protected nature conservation sites within 3km of the turbine location. The nearest statutorily protected site is The Dark Peak SSSI located 4km south-west.

BBRC

BBRC confirmed the presence of two non-statutory protected Barnsley Natural Heritage Sites within 1.5km:

- Broadstone Reservoir Local Wildlife Site approximately 700 metres to the east.
- Whitley Edge Local Wildlife Site approximately 1.1 km to the south.

BBRC provided numerous records of birds including declining farmland species such as brown hare, yellowhammer, reed bunting, skylark, starling and grey partridge. There are also records of wading birds including lapwing, curlew, golden plover, snipe and oystercatcher.

WYE

WYE holds records of bird species within the 2km radius search area and includes notable species listed below with a full list presented in Appendix 2. The records may/may not be a considerable distance from the site and include upland habitats and habitats more favourable to breeding and/or wintering bird populations.

- Whimbrel
- Curlew
- Twite
- Dunlin
- Merlin
- Golden Plover
- Redshank
- Redwing
- Lapwing
- Kittiwake

The following two species records are situated within proximity the turbine placement:

- Common Pipistrelle bat flight record (23/09/2002) grid reference SE183065; 80 metres north of the turbine location.
- Pied flycatcher (2002) grid reference SE185064; 150 metres west of the turbine location

There are confidential badger records held by WYE. These records are located on the peripheral extent of the search area i.e., in excess of 1km from the site. Due to the risk of persecution the exact locations of the setts are not included in this report and are available to the relevant authorities on request.

The NBN records of most relevance to this assessment are summarised in Table 1 below. It is worth noting, the bird data covers a wide search area (10km grid square) therefore, the records may/may not be a considerable distance from the site and include upland habitats and habitats more favourable to breeding and/or wintering bird populations.

Table 1: Species records provided by National Biodiversity Network (NBN)

Name	Dates	Locations
Various declining farmland bird species including skylark, linnet, yellowhammer, lapwing, house sparrow and starling, reed bunting	Various	SE10
Brown long-eared bat *Plecotus auritus*	n/a	Various including TA20X (2km grid square containing the site)

Pipistrelle species *Pipistrellus sp.*	1992	SE10
Natterers *Myotis nattereri*	1991	Hazelhead, River Don Tunnel SE1902
Daubentons *Myotis daubentonii*	2005 to 2006	SE1307

3.1 Habitats

The proposed turbine is located within an improved pasture field dominated by perennial rye grass *Lolium perenne.* Occasional species include Yorkshire fog *Holcus lanatus*, cocksfoot *Dactylis glomerata,* white clover *Trifolium repens* and dandelion *Taraxacum officinale*; a typical mixture of improved pasture land flora and of low biodiversity value. Similar pastoral habitats surround the site.

The field in which the turbine is proposed to be positioned is bordered by stone wall and fence boundaries. A hedgerow and treeline associated the farmhouse garden are the nearest habitat feature (<60 metres from the turbine).

Other notable habitats within proximity to the site include a broadleaved woodland valley located 200 metres west and Broadstone Reservoir, located 800 metres to the east of the site.

3.2 Birds

Birds noted during the field survey include pied wagtail, carrion crow, chaffinch and wood pigeon. Curlew was also noted calling occasionally around 400-600 metres to the south-east of the site. Curlew are expected to nest in the more suitable habitats in the wider area i.e., rough grassland habitats, along with other ground nesting birds such as lapwing and skylark. No such habitats were noted within 200 metres of the site, although several fields of potentially suitable nesting habitat is present within 1km.

3.3 Bats

In accordance with government guidance[2], buffer zones of at least 50 metres have been maintained between the proposed turbine blade tips and any habitats likely to be used by bats. In this instance, the garden hedgerow and several trees surrounding the farmhouse provide the nearest suitable habitat feature and a distance of over 50 metres is achieved.

The proposed turbine location and surrounding land use is dominated by pastoral land with stonewall boundaries; habitats which are of low value to bats. The turbine will be positioned at an elevation of approximately 337 metres above sea level which will reduce the suitability of the site to bats compared to lower levels.

3.4 Other protected / notable species

No evidence of badger was observed on the site and the proposed turbine location and cabling route are assessed as being unsuitable for badger sett excavation, i.e. absence of wooded areas and suitable sett excavation areas. The likelihood of reptiles within the immediate area is low due to the nature of the habitats.

During the field survey, three brown hares were observed in a field of marshy grassland approximately 500 metres to the north-east. The area of the proposed turbines could potentially support brown hare and hedgehog, both of which are UK Biodiversity Action Plan (UK BAP) priority species. No further protected / notable species are considered likely to be affected by the proposed turbine.

[2] Natural England Technical Information Note TIN051, Bats and onshore wind turbines Interim guidance. First edition 11 February 2009

3.5 Photos

Photo 1: Looking south towards the proposed turbine location



Photo 2: Looking north from the proposed turbine location



Photo 3: Looking north towards the turbine location



Photo 4: Looking east from the turbine location



Photo 5: Looking west from the turbine location



4 Evaluation and Recommendations

The area of the proposed turbine locations is improved pastoral ley which is considered to be of relatively low ecological value. The area of the proposed turbine is not suitable for nesting birds although the wider area is used by a number of declining bird species.

4.0 Birds

The field in which the proposed turbine is located does not provide suitable nesting habitat for open-ground nesting birds. The immediately adjacent fields appear to be similar.

Curlew was observed approximately 400-600 metres to the south-east and this species is likely to nest in the wider area. Curlew, other waders such as lapwing and oystercatcher and other declining farmland birds could potentially use the area of the proposed turbine on route to other feeding areas although the field is likely to be too disturbed for regular feeding by these species.

Wintering bird populations (including lapwing, curlew, starling, golden plover) are predicted to primarily use agricultural land at lower elevations. Therefore, the risk of collision with turbine rotor blades, displacement and disturbance effects during the winter is predicted to be low and not likely to be significant. It is noted that several single and multiple turbines sites are located in the wider area and these could result in cumulative impacts on the local bird population.

4.1 Bats

Standard guidance in relation to wind turbines in England is to provide a buffer zone of at least 50 metres between turbine blade-tip and the nearest feature likely to be used by bats, e.g. the canopy of the nearest tree / hedgerow. The proposed turbine will be cited in excess of 150 metres of any suitable habitat feature for bats. Therefore impacts on bats are not predicted to be significant.

4.2 Great crested newts

Given the location of the proposed turbines no significant impacts on great crested newts are predicted and no further surveys or mitigation is considered necessary.

4.3 Other fauna

No significant impacts on other protected/notable species such as badger, hedgehog or brown hare are predicted.

Appendix 1: Legislation and Conservation Context

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.

Bats

All British bat species are fully protected through The Conservation of Habitats and Species Regulations 2010 as a 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 bat. It is an offence to damage or destroy a breeding site or resting place of a bat. It is also an offence to intentionally or recklessly disturb a 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 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.

Several species of bat including brown long-eared and soprano pipistrelle *Pipistrellus pygmaeus* are identified as UK Biodiversity Action Plan (BAP) priority species and are also listed on Section 41 of the Natural Environment and Rural Communities (NERC) Act 2006 as a Species of Principal Importance for the purpose of conserving biodiversity.

Appendix 2: Information Provided by BBRC and WYE

Table 1: BBRC Records

Grid Ref	Location Name	Date	Location	Group	Scientific Name	Common Name
SE1906	Broadstones Reservoir	24/10/2007	Broadstone Reservoir	bird	*Accipiter nisus*	Sparrowhawk
SE1906		01/01/2009	Broadstone Reservoir	bird	*Accipiter nisus*	Sparrowhawk
SE1805	SE10X-2	14/06/2009	'BARNSLEY MBC'	bird	*Accipiter nisus*	Sparrowhawk
SE1906		09/12/1981	farmland around Broadstone Reservoir	bird	*Alauda arvensis*	Skylark
SE1906		23/03/1983	Broadstone Reservoir	bird	*Alauda arvensis*	Skylark
SE1906		30/03/1996	Maythorn nr Ingbirchworth	bird	*Alauda arvensis*	Skylark
SE1906		01/03/1998	Broadstone Reservoir	bird	*Alauda arvensis*	Skylark
SE1906		01/03/1999	Broadstone Reservoir	bird	*Alauda arvensis*	Skylark
SE1906		01/03/2002	Broadstone Reservoir	bird	*Alauda arvensis*	Skylark
SE1806	SE10Y-1	30/05/2006	'BARNSLEY MBC'	bird	*Alauda arvensis*	Skylark
SE1807	SE10Y-2	30/05/2006	'BARNSLEY MBC'	bird	*Alauda arvensis*	Skylark
SE1906	SE10Y-3	30/05/2006	'BARNSLEY MBC'	bird	*Alauda arvensis*	Skylark
SE1906	SE10Y-3	26/06/2006	'BARNSLEY MBC'	bird	*Alauda arvensis*	Skylark
SE1807	SE10Y-2	26/06/2006	'BARNSLEY MBC'	bird	*Alauda arvensis*	Skylark
SE1806	SE10Y-1	26/06/2006	'BARNSLEY MBC'	bird	*Alauda arvensis*	Skylark
SE1705	SE10S-4	06/05/2007	'BARNSLEY MBC'	bird	*Alauda arvensis*	Skylark
SE1906	Broadstones Reservoir	27/09/2007	Broadstone Reservoir	bird	*Alauda arvensis*	Skylark
SE1805	SE10X-2	20/04/2009	'BARNSLEY MBC'	bird	*Alauda arvensis*	Skylark
SE1905	SE10X-4	20/04/2009	'BARNSLEY MBC'	bird	*Alauda arvensis*	Skylark
SE1805	SE10X-2	10/05/2009	'BARNSLEY MBC'	bird	*Alauda arvensis*	Skylark
SE1905	SE10X-4	10/05/2009	'BARNSLEY MBC'	bird	*Alauda arvensis*	Skylark
SE1905	SE10X-4	14/06/2009	'BARNSLEY MBC'	bird	*Alauda arvensis*	Skylark
SE1805	SE10X-2	14/06/2009	'BARNSLEY MBC'	bird	*Alauda arvensis*	Skylark
SE1906		01/06/1986	farmland around Broadstone Reservoir	bird	*Alectoris rufa*	Red-Legged Partridge
SE1906		09/03/1997	farmland around Broadstone	bird	*Alectoris rufa*	Red-Legged Partridge

Grid Ref	Location Name	Date	Location	Group	Scientific Name	Common Name
			Reservoir			
SE1906	Broadstones Reservoir	10/10/2007	Broadstone Reservoir	bird	*Anas acuta*	Pintail
SE1906	Broadstones Reservoir	14/10/2007	Broadstone Reservoir	bird	*Anas acuta*	Pintail
SE1906	Broadstones	06/11/2010	Broadstone Reservoir LWS	bird	*Anas acuta*	Pintail
SE1906		01/01/2009	Broadstone Reservoir	bird	*Anas crecca*	Teal
SE1906	Broadstones Reservoir	14/10/2007	Broadstone Reservoir	bird	*Anas penelope*	Wigeon
SE1906	Broadstones Reservoir	24/10/2007	Broadstone Reservoir	bird	*Anas penelope*	Wigeon
SE1906	Broadstones Reservoir	14/12/2007	Broadstone Reservoir	bird	*Anas penelope*	Wigeon
SE1906		01/01/2009	Broadstone Reservoir	bird	*Anas penelope*	Wigeon
SE195065		22/11/1994	Broadstone Reservoir	bird	*Anas platyrhynchos*	Mallard
SE1807	SE10Y-2	30/05/2006	'BARNSLEY MBC'	bird	*Anas platyrhynchos*	Mallard
SE1806	SE10Y-1	30/05/2006	'BARNSLEY MBC'	bird	*Anas platyrhynchos*	Mallard
SE1906	SE10Y-3	26/06/2006	'BARNSLEY MBC'	bird	*Anas platyrhynchos*	Mallard
SE1705	SE10S-4	06/05/2007	'BARNSLEY MBC'	bird	*Anas platyrhynchos*	Mallard
SE1906	Broadstones Reservoir	10/10/2007	Broadstone Reservoir	bird	*Anas platyrhynchos*	Mallard
SE1906	Broadstones Reservoir	14/10/2007	Broadstone Reservoir	bird	*Anas platyrhynchos*	Mallard
SE1906	Broadstones Reservoir	24/10/2007	Broadstone Reservoir	bird	*Anas platyrhynchos*	Mallard
SE1906	Broadstones Reservoir	14/12/2007	Broadstone Reservoir	bird	*Anas platyrhynchos*	Mallard
SE1906		01/01/2009	Broadstone Reservoir	bird	*Anas platyrhynchos*	Mallard
SE1805	SE10X-2	20/04/2009	'BARNSLEY MBC'	bird	*Anas platyrhynchos*	Mallard
SE1805	SE10X-2	10/05/2009	'BARNSLEY MBC'	bird	*Anas platyrhynchos*	Mallard
SE1905	SE10X-4	10/05/2009	'BARNSLEY MBC'	bird	*Anas platyrhynchos*	Mallard
SE1905	SE10X-4	14/06/2009	'BARNSLEY MBC'	bird	*Anas platyrhynchos*	Mallard
SE1805	SE10X-2	14/06/2009	'BARNSLEY MBC'	bird	*Anas platyrhynchos*	Mallard
SE1906	Broadstones Reservoir	14/10/2007	Broadstone Reservoir	bird	*Anser anser*	Greylag Goose
SE1806	SE10Y-1	30/05/2006	'BARNSLEY MBC'	bird	*Anthus pratensis*	Meadow Pipit
SE1807	SE10Y-2	30/05/2006	'BARNSLEY MBC'	bird	*Anthus pratensis*	Meadow Pipit
SE1906	SE10Y-3	30/05/2006	'BARNSLEY MBC'	bird	*Anthus pratensis*	Meadow Pipit
SE1806	SE10Y-1	26/06/2006	'BARNSLEY MBC'	bird	*Anthus pratensis*	Meadow Pipit
SE1807	SE10Y-2	26/06/2006	'BARNSLEY MBC'	bird	*Anthus pratensis*	Meadow Pipit

Grid Ref	Location Name	Date	Location	Group	Scientific Name	Common Name
SE1906	SE10Y-3	26/06/2006	'BARNSLEY MBC'	bird	*Anthus pratensis*	Meadow Pipit
SE1705	SE10S-4	06/05/2007	'BARNSLEY MBC'	bird	*Anthus pratensis*	Meadow Pipit
SE1705	SE10S-4	17/06/2007	'BARNSLEY MBC'	bird	*Anthus pratensis*	Meadow Pipit
SE1906	Broadstones Reservoir	10/10/2007	Broadstone Reservoir	bird	*Anthus pratensis*	Meadow Pipit
SE1805	SE10X-2	20/04/2009	'BARNSLEY MBC'	bird	*Anthus pratensis*	Meadow Pipit
SE1905	SE10X-4	20/04/2009	'BARNSLEY MBC'	bird	*Anthus pratensis*	Meadow Pipit
SE1805	SE10X-2	10/05/2009	'BARNSLEY MBC'	bird	*Anthus pratensis*	Meadow Pipit
SE1905	SE10X-4	10/05/2009	'BARNSLEY MBC'	bird	*Anthus pratensis*	Meadow Pipit
SE1805	SE10X-2	14/06/2009	'BARNSLEY MBC'	bird	*Anthus pratensis*	Meadow Pipit
SE1905	SE10X-4	14/06/2009	'BARNSLEY MBC'	bird	*Anthus pratensis*	Meadow Pipit
SE1905	SE10X-4	20/04/2009	'BARNSLEY MBC'	bird	*Athene noctua*	Little Owl
SE1905	SE10X-4	10/05/2009	'BARNSLEY MBC'	bird	*Athene noctua*	Little Owl
SE1705	SE10S-4	07/05/2009	'BARNSLEY MBC'	bird	*Aythya fuligula*	Tufted Duck
SE1906	Broadstones Reservoir	24/10/2007	Broadstone Reservoir	bird	*Branta canadensis*	Canada Goose
SE1906	Broadstones Reservoir	14/12/2007	Broadstone Reservoir	bird	*Branta canadensis*	Canada Goose
SE1906		01/01/2009	Broadstone Reservoir	bird	*Branta canadensis*	Canada Goose
SE1906		01/03/1998	Broadstone Reservoir	bird	*Carduelis cannabina*	Linnet
SE1906		01/03/2001	Broadstone Reservoir	bird	*Carduelis cannabina*	Linnet
SE1906		01/03/2002	Broadstone Reservoir	bird	*Carduelis cannabina*	Linnet
SE1807	SE10Y-2	30/05/2006	'BARNSLEY MBC'	bird	*Carduelis cannabina*	Linnet
SE1906	SE10Y-3	30/05/2006	'BARNSLEY MBC'	bird	*Carduelis cannabina*	Linnet
SE1806	SE10Y-1	26/06/2006	'BARNSLEY MBC'	bird	*Carduelis cannabina*	Linnet
SE1906	SE10Y-3	26/06/2006	'BARNSLEY MBC'	bird	*Carduelis cannabina*	Linnet
SE1807	SE10Y-2	26/06/2006	'BARNSLEY MBC'	bird	*Carduelis cannabina*	Linnet
SE1805	SE10X-2	20/04/2009	'BARNSLEY MBC'	bird	*Carduelis cannabina*	Linnet
SE1905	SE10X-4	20/04/2009	'BARNSLEY MBC'	bird	*Carduelis cannabina*	Linnet
SE1805	SE10X-2	10/05/2009	'BARNSLEY MBC'	bird	*Carduelis cannabina*	Linnet
SE1905	SE10X-4	10/05/2009	'BARNSLEY MBC'	bird	*Carduelis cannabina*	Linnet
SE1905	SE10X-4	14/06/2009	'BARNSLEY MBC'	bird	*Carduelis cannabina*	Linnet
SE1805	SE10X-2	14/06/2009	'BARNSLEY MBC'	bird	*Carduelis cannabina*	Linnet

Grid Ref	Location Name	Date	Location	Group	Scientific Name	Common Name
SE1906	SE10Y-3	30/05/2006	'BARNSLEY MBC'	bird	*Carduelis carduelis*	Goldfinch
SE1906	SE10Y-3	26/06/2006	'BARNSLEY MBC'	bird	*Carduelis carduelis*	Goldfinch
SE1806	SE10Y-1	26/06/2006	'BARNSLEY MBC'	bird	*Carduelis carduelis*	Goldfinch
SE1805	SE10X-2	10/05/2009	'BARNSLEY MBC'	bird	*Carduelis carduelis*	Goldfinch
SE1806	Maythorne	04/09/2011	Maythorn nr Ingbirchworth	bird	*Carduelis carduelis*	Goldfinch
SE1807	SE10Y-2	30/05/2006	'BARNSLEY MBC'	bird	*Carduelis chloris*	Greenfinch
SE1906	SE10Y-3	30/05/2006	'BARNSLEY MBC'	bird	*Carduelis chloris*	Greenfinch
SE1807	SE10Y-2	26/06/2006	'BARNSLEY MBC'	bird	*Carduelis chloris*	Greenfinch
SE1806	SE10Y-1	26/06/2006	'BARNSLEY MBC'	bird	*Carduelis chloris*	Greenfinch
SE1805	SE10X-2	10/05/2009	'BARNSLEY MBC'	bird	*Carduelis chloris*	Greenfinch
SE1906	SE10Y-4	01/07/2008	'BARNSLEY MBC'	bird	*Charadrius dubius*	Little Ringed Plover
SE1805	SE10X-2	20/04/2009	'BARNSLEY MBC'	bird	*Charadrius dubius*	Little Ringed Plover
SE1905	Whitley Common	07/05/2007	Whitley Common	bird	*Charadrius morinellus*	Dotterel
SE1905	Whitley Common	07/05/2007	Whitley Common	bird	*Charadrius morinellus*	Dotterel
SE1906		01/01/2009	Broadstone Reservoir	bird	*Columba livia feral*	Feral Pigeon
SE1805	SE10X-2	14/06/2009	'BARNSLEY MBC'	bird	*Columba livia feral*	Feral Pigeon
SE1807	SE10Y-2	30/05/2006	'BARNSLEY MBC'	bird	*Columba oenas*	Stock Dove
SE1906	SE10Y-3	30/05/2006	'BARNSLEY MBC'	bird	*Columba oenas*	Stock Dove
SE1905	SE10X-4	20/04/2009	'BARNSLEY MBC'	bird	*Columba oenas*	Stock Dove
SE1805	SE10X-2	10/05/2009	'BARNSLEY MBC'	bird	*Columba oenas*	Stock Dove
SE1906	SE10Y-3	30/05/2006	'BARNSLEY MBC'	bird	*Columba palumbus*	Woodpigeon
SE1807	SE10Y-2	26/06/2006	'BARNSLEY MBC'	bird	*Columba palumbus*	Woodpigeon
SE1906	SE10Y-3	26/06/2006	'BARNSLEY MBC'	bird	*Columba palumbus*	Woodpigeon
SE1906	Broadstones Reservoir	10/10/2007	Broadstone Reservoir	bird	*Columba palumbus*	Woodpigeon
SE1906	Broadstones Reservoir	14/10/2007	Broadstone Reservoir	bird	*Columba palumbus*	Woodpigeon
SE1905	SE10X-4	20/04/2009	'BARNSLEY MBC'	bird	*Columba palumbus*	Woodpigeon
SE1805	SE10X-2	20/04/2009	'BARNSLEY MBC'	bird	*Columba palumbus*	Woodpigeon
SE1805	SE10X-2	10/05/2009	'BARNSLEY MBC'	bird	*Columba palumbus*	Woodpigeon
SE1905	SE10X-4	10/05/2009	'BARNSLEY MBC'	bird	*Columba palumbus*	Woodpigeon
SE1905	SE10X-4	14/06/2009	'BARNSLEY MBC'	bird	*Columba palumbus*	Woodpigeon

Grid Ref	Location Name	Date	Location	Group	Scientific Name	Common Name
SE1805	SE10X-2	14/06/2009	'BARNSLEY MBC'	bird	*Columba palumbus*	Woodpigeon
SE1906	Broadstones Reservoir	10/10/2007	Broadstone Reservoir	bird	*Corvus corone*	Carrion Crow
SE1906	Broadstones Reservoir	14/10/2007	Broadstone Reservoir	bird	*Corvus corone*	Carrion Crow
SE1906	Broadstones Reservoir	24/10/2007	Broadstone Reservoir	bird	*Corvus corone*	Carrion Crow
SE1906	Broadstones Reservoir	14/12/2007	Broadstone Reservoir	bird	*Corvus corone*	Carrion Crow
SE1906		01/01/2009	Broadstone Reservoir	bird	*Corvus corone*	Carrion Crow
SE1806	SE10Y-1	30/05/2006	'BARNSLEY MBC'	bird	*Corvus corone subsp. corone*	Carrion Crow
SE1807	SE10Y-2	30/05/2006	'BARNSLEY MBC'	bird	*Corvus corone subsp. corone*	Carrion Crow
SE1906	SE10Y-3	30/05/2006	'BARNSLEY MBC'	bird	*Corvus corone subsp. corone*	Carrion Crow
SE1807	SE10Y-2	26/06/2006	'BARNSLEY MBC'	bird	*Corvus corone subsp. corone*	Carrion Crow
SE1806	SE10Y-1	26/06/2006	'BARNSLEY MBC'	bird	*Corvus corone subsp. corone*	Carrion Crow
SE1906	SE10Y-3	26/06/2006	'BARNSLEY MBC'	bird	*Corvus corone subsp. corone*	Carrion Crow
SE1705	SE10S-4	28/04/2007	'BARNSLEY MBC'	bird	*Corvus corone subsp. corone*	Carrion Crow
SE1705	SE10S-4	06/05/2007	'BARNSLEY MBC'	bird	*Corvus corone subsp. corone*	Carrion Crow
SE1905	SE10X-4	20/04/2009	'BARNSLEY MBC'	bird	*Corvus corone subsp. corone*	Carrion Crow
SE1805	SE10X-2	20/04/2009	'BARNSLEY MBC'	bird	*Corvus corone subsp. corone*	Carrion Crow
SE1805	SE10X-2	10/05/2009	'BARNSLEY MBC'	bird	*Corvus corone subsp. corone*	Carrion Crow
SE1905	SE10X-4	10/05/2009	'BARNSLEY MBC'	bird	*Corvus corone subsp. corone*	Carrion Crow
SE1905	SE10X-4	14/06/2009	'BARNSLEY MBC'	bird	*Corvus corone subsp. corone*	Carrion Crow
SE1805	SE10X-2	14/06/2009	'BARNSLEY MBC'	bird	*Corvus corone subsp. corone*	Carrion Crow
SE185062		29/04/1995	Low Common	bird	*Corvus frugilegus*	Rook
SE1906	Broadstones Reservoir	14/10/2007	Broadstone Reservoir	bird	*Corvus frugilegus*	Rook
SE1906		01/01/2009	Broadstone Reservoir	bird	*Corvus frugilegus*	Rook
SE1905		24/02/2011	Whitley Common	bird	*Corvus frugilegus*	Rook
SE1906	Broadstones Reservoir	14/10/2007	Broadstone Reservoir	bird	*Corvus monedula*	Jackdaw

Grid Ref	Location Name	Date	Location	Group	Scientific Name	Common Name
SE1805	SE10X-2	10/05/2009	'BARNSLEY MBC'	bird	*Corvus monedula*	Jackdaw
SE1805	SE10X-2	14/06/2009	'BARNSLEY MBC'	bird	*Corvus monedula*	Jackdaw
SE189061		10/06/1994	Low Common	bird	*Coturnix coturnix*	Quail
SE1807	SE10Y-2	30/05/2006	'BARNSLEY MBC'	bird	*Coturnix coturnix*	Quail
SE1906	Broadstones Reservoir	14/10/2007	Broadstone Reservoir	bird	*Cyanistes caeruleus*	Blue Tit
SE1905		01/03/1998	Whitley Common	bird	*Emberiza citrinella*	Yellowhammer
SE1906		01/03/1999	Broadstone Reservoir	bird	*Emberiza citrinella*	Yellowhammer
SE1906		01/03/2001	Broadstone Reservoir	bird	*Emberiza citrinella*	Yellowhammer
SE1906		01/03/2002	Broadstone Reservoir	bird	*Emberiza citrinella*	Yellowhammer
SE1906	SE10Y-3	26/06/2006	'BARNSLEY MBC'	bird	*Emberiza citrinella*	Yellowhammer
SE1806	SE10Y-1	26/06/2006	'BARNSLEY MBC'	bird	*Emberiza citrinella*	Yellowhammer
SE1906	Broadstones Reservoir	10/10/2007	Broadstone Reservoir	bird	*Emberiza citrinella*	Yellowhammer
SE10Y		10/05/1992	Low Common	bird	*Emberiza schoeniclus*	Reed Bunting
SE192064		30/03/1996	Broadstone Reservoir	bird	*Emberiza schoeniclus*	Reed Bunting
SE1906		01/03/1998	Broadstone Reservoir	bird	*Emberiza schoeniclus*	Reed Bunting
SE1906		01/03/1999	Broadstone Reservoir	bird	*Emberiza schoeniclus*	Reed Bunting
SE1906		01/03/2000	Broadstone Reservoir	bird	*Emberiza schoeniclus*	Reed Bunting
SE1906		01/03/2001	Broadstone Reservoir	bird	*Emberiza schoeniclus*	Reed Bunting
SE1906		01/03/2002	Broadstone Reservoir	bird	*Emberiza schoeniclus*	Reed Bunting
SE1807	SE10Y-2	30/05/2006	'BARNSLEY MBC'	bird	*Emberiza schoeniclus*	Reed Bunting
SE1906	SE10Y-3	30/05/2006	'BARNSLEY MBC'	bird	*Emberiza schoeniclus*	Reed Bunting
SE1906	SE10Y-3	26/06/2006	'BARNSLEY MBC'	bird	*Emberiza schoeniclus*	Reed Bunting
SE1807	SE10Y-2	26/06/2006	'BARNSLEY MBC'	bird	*Emberiza schoeniclus*	Reed Bunting
SE1705	SE10S-4	17/06/2007	'BARNSLEY MBC'	bird	*Emberiza schoeniclus*	Reed Bunting
SE1906	Broadstones Reservoir	10/10/2007	Broadstone Reservoir	bird	*Emberiza schoeniclus*	Reed Bunting
SE1906	Broadstones Reservoir	14/10/2007	Broadstone Reservoir	bird	*Emberiza schoeniclus*	Reed Bunting
SE1805	SE10X-2	20/04/2009	'BARNSLEY MBC'	bird	*Emberiza schoeniclus*	Reed Bunting
SE1805	SE10X-2	10/05/2009	'BARNSLEY MBC'	bird	*Emberiza schoeniclus*	Reed Bunting
SE1905	SE10X-4	10/05/2009	'BARNSLEY MBC'	bird	*Emberiza schoeniclus*	Reed Bunting
SE1805	SE10X-2	14/06/2009	'BARNSLEY MBC'	bird	*Emberiza schoeniclus*	Reed Bunting

Grid Ref	Location Name	Date	Location	Group	Scientific Name	Common Name
SE1806	SE10Y-1	30/05/2006	'BARNSLEY MBC'	bird	*Erithacus rubecula*	Robin
SE1906	SE10Y-3	30/05/2006	'BARNSLEY MBC'	bird	*Erithacus rubecula*	Robin
SE1906	SE10Y-3	26/06/2006	'BARNSLEY MBC'	bird	*Erithacus rubecula*	Robin
SE1906	Broadstones Reservoir	10/10/2007	Broadstone Reservoir	bird	*Erithacus rubecula*	Robin
SE1906	Broadstones Reservoir	14/10/2007	Broadstone Reservoir	bird	*Erithacus rubecula*	Robin
SE1906		01/01/2009	Broadstone Reservoir	bird	*Erithacus rubecula*	Robin
SE1805	SE10X-2	20/04/2009	'BARNSLEY MBC'	bird	*Erithacus rubecula*	Robin
SE1805	SE10X-2	10/05/2009	'BARNSLEY MBC'	bird	*Erithacus rubecula*	Robin
SE191053		18/07/2002	Whitley Common	bird	*Falco tinnunculus*	Kestrel
SE1807	SE10Y-2	30/05/2006	'BARNSLEY MBC'	bird	*Falco tinnunculus*	Kestrel
SE1807	SE10Y-2	26/06/2006	'BARNSLEY MBC'	bird	*Falco tinnunculus*	Kestrel
SE1705	SE10S-4	17/06/2007	'BARNSLEY MBC'	bird	*Falco tinnunculus*	Kestrel
SE1906		01/01/2009	Broadstone Reservoir	bird	*Falco tinnunculus*	Kestrel
SE1805	SE10X-2	10/05/2009	'BARNSLEY MBC'	bird	*Falco tinnunculus*	Kestrel
SE1806	SE10Y-1	30/05/2006	'BARNSLEY MBC'	bird	*Fringilla coelebs*	Chaffinch
SE1807	SE10Y-2	30/05/2006	'BARNSLEY MBC'	bird	*Fringilla coelebs*	Chaffinch
SE1906	SE10Y-3	30/05/2006	'BARNSLEY MBC'	bird	*Fringilla coelebs*	Chaffinch
SE1807	SE10Y-2	26/06/2006	'BARNSLEY MBC'	bird	*Fringilla coelebs*	Chaffinch
SE1806	SE10Y-1	26/06/2006	'BARNSLEY MBC'	bird	*Fringilla coelebs*	Chaffinch
SE1705	SE10S-4	06/05/2007	'BARNSLEY MBC'	bird	*Fringilla coelebs*	Chaffinch
SE1705	SE10S-4	17/06/2007	'BARNSLEY MBC'	bird	*Fringilla coelebs*	Chaffinch
SE1905	SE10X-4	20/04/2009	'BARNSLEY MBC'	bird	*Fringilla coelebs*	Chaffinch
SE1805	SE10X-2	20/04/2009	'BARNSLEY MBC'	bird	*Fringilla coelebs*	Chaffinch
SE1805	SE10X-2	10/05/2009	'BARNSLEY MBC'	bird	*Fringilla coelebs*	Chaffinch
SE1905	SE10X-4	10/05/2009	'BARNSLEY MBC'	bird	*Fringilla coelebs*	Chaffinch
SE1805	SE10X-2	14/06/2009	'BARNSLEY MBC'	bird	*Fringilla coelebs*	Chaffinch
SE1905	SE10X-4	14/06/2009	'BARNSLEY MBC'	bird	*Fringilla coelebs*	Chaffinch
SE1906	SE10Y-3	30/05/2006	'BARNSLEY MBC'	bird	*Fulica atra*	Coot
SE10Y		10/05/1992	Low Common	bird	*Gallinago gallinago*	Snipe
SE189061		10/06/1994	Low Common	bird	*Gallinago gallinago*	Snipe

Grid Ref	Location Name	Date	Location	Group	Scientific Name	Common Name
SE1805	SE10X-2	20/04/2009	'BARNSLEY MBC'	bird	*Gallinago gallinago*	Common Snipe
SE1905	SE10X-4	20/04/2009	'BARNSLEY MBC'	bird	*Gallinago gallinago*	Common Snipe
SE1805	SE10X-2	10/05/2009	'BARNSLEY MBC'	bird	*Gallinago gallinago*	Common Snipe
SE1905	SE10X-4	10/05/2009	'BARNSLEY MBC'	bird	*Gallinago gallinago*	Common Snipe
SE1805	SE10X-2	10/05/2009	'BARNSLEY MBC'	bird	*Gallinula chloropus*	Moorhen
SE1805	SE10X-2	14/06/2009	'BARNSLEY MBC'	bird	*Gallinula chloropus*	Moorhen
SE1806	SE10Y-1	26/06/2006	'BARNSLEY MBC'	bird	*Haematopus ostralegus*	Oystercatcher
SE1705	SE10S-4	17/06/2007	'BARNSLEY MBC'	bird	*Haematopus ostralegus*	Oystercatcher
SE1905	SE10X-4	14/06/2009	'BARNSLEY MBC'	bird	*Haematopus ostralegus*	Oystercatcher
SE1906	Broadstones	10/04/2011	Broadstone Reservoir LWS	bird	*Haematopus ostralegus*	Oystercatcher
SE1806	SE10Y-1	30/05/2006	'BARNSLEY MBC'	bird	*Hirundo rustica*	Swallow
SE1807	SE10Y-2	30/05/2006	'BARNSLEY MBC'	bird	*Hirundo rustica*	Swallow
SE1806	SE10Y-1	26/06/2006	'BARNSLEY MBC'	bird	*Hirundo rustica*	Swallow
SE1906	SE10Y-3	26/06/2006	'BARNSLEY MBC'	bird	*Hirundo rustica*	Swallow
SE1807	SE10Y-2	26/06/2006	'BARNSLEY MBC'	bird	*Hirundo rustica*	Swallow
SE1705	SE10S-4	06/05/2007	'BARNSLEY MBC'	bird	*Hirundo rustica*	Swallow
SE1705	SE10S-4	17/06/2007	'BARNSLEY MBC'	bird	*Hirundo rustica*	Swallow
SE1905	SE10X-4	20/04/2009	'BARNSLEY MBC'	bird	*Hirundo rustica*	Swallow
SE1805	SE10X-2	10/05/2009	'BARNSLEY MBC'	bird	*Hirundo rustica*	Swallow
SE1805	SE10X-2	14/06/2009	'BARNSLEY MBC'	bird	*Hirundo rustica*	Swallow
SE1905	SE10X-4	14/06/2009	'BARNSLEY MBC'	bird	*Hirundo rustica*	Swallow
SE1906		10/05/1992	Broadstone Reservoir	bird	*Larus argentatus*	Herring Gull
SE1906		01/01/2009	Broadstone Reservoir	bird	*Larus argentatus*	Herring Gull
SE1906	Broadstones Reservoir	24/10/2007	Broadstone Reservoir	bird	*Larus canus*	Common Gull
SE1906	Broadstones Reservoir	14/12/2007	Broadstone Reservoir	bird	*Larus canus*	Common Gull
SE1906	Broadstones	06/11/2010	Broadstone Reservoir LWS	bird	*Larus canus*	Common Gull
SE1906	Broadstones Reservoir	10/10/2007	Broadstone Reservoir	bird	*Larus fuscus*	Lesser Black-backed Gull
SE1906	Broadstones Reservoir	14/10/2007	Broadstone Reservoir	bird	*Larus fuscus*	Lesser Black-backed Gull

Grid Ref	Location Name	Date	Location	Group	Scientific Name	Common Name
SE1906	Broadstones	25/09/2011	Broadstone Reservoir LWS	bird	*Larus fuscus*	Lesser Black-Backed Gull
SE195065		22/11/1994	Broadstone Reservoir	bird	*Larus fuscus subsp. graellsii*	British Lesser Black-Backed Gull
SE1906	Broadstones Reservoir	10/10/2007	Broadstone Reservoir	bird	*Larus michahellis*	Yellow-legged Gull
SE1906	Broadstones	25/09/2011	Broadstone Reservoir LWS	bird	*Larus michahellis*	Yellow-legged Gull
SE1906		10/05/1992	Broadstone Reservoir	bird	*Larus ridibundus*	Black-Headed Gull
SE195065		22/11/1994	Broadstone Reservoir	bird	*Larus ridibundus*	Black-Headed Gull
SE1906	Broadstones Reservoir	10/10/2007	Broadstone Reservoir	bird	*Larus ridibundus*	Black-headed Gull
SE1906	Broadstones Reservoir	24/10/2007	Broadstone Reservoir	bird	*Larus ridibundus*	Black-headed Gull
SE1906	Broadstones Reservoir	14/12/2007	Broadstone Reservoir	bird	*Larus ridibundus*	Black-headed Gull
SE1906		01/01/2009	Broadstone Reservoir	bird	*Larus ridibundus*	Black-Headed Gull
SE1906	Broadstones Reservoir	24/10/2007	Broadstone Reservoir	bird	*Motacilla alba*	White/Pied Wagtail
SE1905		24/02/2011	Whitley Common	bird	*Motacilla alba*	Pied Wagtail
SE1807	SE10Y-2	30/05/2006	'BARNSLEY MBC'	bird	*Motacilla alba subsp. yarrellii*	Pied Wagtail
SE1906	SE10Y-3	30/05/2006	'BARNSLEY MBC'	bird	*Motacilla alba subsp. yarrellii*	Pied Wagtail
SE1806	SE10Y-1	30/05/2006	'BARNSLEY MBC'	bird	*Motacilla alba subsp. yarrellii*	Pied Wagtail
SE1806	SE10Y-1	26/06/2006	'BARNSLEY MBC'	bird	*Motacilla alba subsp. yarrellii*	Pied Wagtail
SE1807	SE10Y-2	26/06/2006	'BARNSLEY MBC'	bird	*Motacilla alba subsp. yarrellii*	Pied Wagtail
SE1705	SE10S-4	06/05/2007	'BARNSLEY MBC'	bird	*Motacilla alba subsp. yarrellii*	Pied Wagtail
SE1905	SE10X-4	20/04/2009	'BARNSLEY MBC'	bird	*Motacilla alba subsp. yarrellii*	Pied Wagtail
SE1805	SE10X-2	20/04/2009	'BARNSLEY MBC'	bird	*Motacilla alba subsp. yarrellii*	Pied Wagtail

Grid Ref	Location Name	Date	Location	Group	Scientific Name	Common Name
SE1805	SE10X-2	10/05/2009	'BARNSLEY MBC'	bird	*Motacilla alba subsp. yarrellii*	Pied Wagtail
SE1905	SE10X-4	10/05/2009	'BARNSLEY MBC'	bird	*Motacilla alba subsp. yarrellii*	Pied Wagtail
SE1805	SE10X-2	14/06/2009	'BARNSLEY MBC'	bird	*Motacilla alba subsp. yarrellii*	Pied Wagtail
SE1905	SE10X-4	14/06/2009	'BARNSLEY MBC'	bird	*Motacilla alba subsp. yarrellii*	Pied Wagtail
SE1905		01/03/2000	Maythorn nr Ingbirchworth	bird	*Motacilla flava*	Yellow Wagtail
SE1905		01/03/2001	Whitley Common	bird	*Motacilla flava*	Yellow Wagtail
SE1906		30/03/1996	Maythorn nr Ingbirchworth	bird	*Numenius arquata*	Curlew
SE1807	SE10Y-2	30/05/2006	'BARNSLEY MBC'	bird	*Numenius arquata*	Curlew
SE1906	SE10Y-3	30/05/2006	'BARNSLEY MBC'	bird	*Numenius arquata*	Curlew
SE1807	SE10Y-2	26/06/2006	'BARNSLEY MBC'	bird	*Numenius arquata*	Curlew
SE1805	SE10X-2	20/04/2009	'BARNSLEY MBC'	bird	*Numenius arquata*	Curlew
SE1905	SE10X-4	20/04/2009	'BARNSLEY MBC'	bird	*Numenius arquata*	Curlew
SE1805	SE10X-2	10/05/2009	'BARNSLEY MBC'	bird	*Numenius arquata*	Curlew
SE1905	SE10X-4	10/05/2009	'BARNSLEY MBC'	bird	*Numenius arquata*	Curlew
SE1905	SE10X-4	14/06/2009	'BARNSLEY MBC'	bird	*Numenius arquata*	Curlew
SE1805	SE10X-2	14/06/2009	'BARNSLEY MBC'	bird	*Numenius arquata*	Curlew
SE1905		24/02/2011	Whitley Common	bird	*Numenius arquata*	Curlew
SE10Y		10/05/1992	Low Common	bird	*Oenanthe oenanthe*	Wheatear
SE1807	SE10Y-2	30/05/2006	'BARNSLEY MBC'	bird	*Oenanthe oenanthe*	Wheatear
SE1905	Whitley Common	07/05/2007	Whitley Common	bird	*Oenanthe oenanthe*	Wheatear
SE1906	Broadstones	10/04/2011	Broadstone Reservoir LWS	bird	*Oenanthe oenanthe*	Wheatear
SE1805	SE10X-2	14/06/2009	'BARNSLEY MBC'	bird	*Parus ater*	Coal Tit
SE1806	SE10Y-1	30/05/2006	'BARNSLEY MBC'	bird	*Parus caeruleus*	Blue Tit
SE1807	SE10Y-2	30/05/2006	'BARNSLEY MBC'	bird	*Parus caeruleus*	Blue Tit
SE1906	SE10Y-3	30/05/2006	'BARNSLEY MBC'	bird	*Parus major*	Great Tit
SE1906	SE10Y-3	26/06/2006	'BARNSLEY MBC'	bird	*Parus major*	Great Tit

Grid Ref	Location Name	Date	Location	Group	Scientific Name	Common Name
SE1906	SE10Y-3	26/06/2006	'BARNSLEY MBC'	bird	*Parus montanus*	Willow Tit
SE1806	SE10Y-1	30/05/2006	'BARNSLEY MBC'	bird	*Passer domesticus*	House Sparrow
SE1807	SE10Y-2	30/05/2006	'BARNSLEY MBC'	bird	*Passer domesticus*	House Sparrow
SE1807	SE10Y-2	26/06/2006	'BARNSLEY MBC'	bird	*Passer domesticus*	House Sparrow
SE1806	SE10Y-1	26/06/2006	'BARNSLEY MBC'	bird	*Passer domesticus*	House Sparrow
SE1905	SE10X-4	20/04/2009	'BARNSLEY MBC'	bird	*Passer domesticus*	House Sparrow
SE1805	SE10X-2	14/06/2009	'BARNSLEY MBC'	bird	*Passer domesticus*	House Sparrow
SE1905	SE10X-4	14/06/2009	'BARNSLEY MBC'	bird	*Passer domesticus*	House Sparrow
SE1905		01/03/1998	Whitley Common	bird	*Perdix perdix*	Grey Partridge
SE1906		01/03/1999	Broadstone Reservoir	bird	*Perdix perdix*	Grey Partridge
SE1906		01/03/1999	Broadstone Reservoir	bird	*Perdix perdix*	Grey Partridge
SE1905		17/06/1999	Whitley Common	bird	*Perdix perdix*	Grey Partridge
SE1906		01/03/2000	Broadstone Reservoir	bird	*Perdix perdix*	Grey Partridge
SE1807	SE10Y-2	30/05/2006	'BARNSLEY MBC'	bird	*Perdix perdix*	Grey Partridge
SE1806	SE10Y-1	30/05/2006	'BARNSLEY MBC'	bird	*Perdix perdix*	Grey Partridge
SE1905	SE10X-4	10/05/2009	'BARNSLEY MBC'	bird	*Perdix perdix*	Grey Partridge
SE1906	SE10Y-3	30/05/2006	'BARNSLEY MBC'	bird	*Phasianus colchicus*	Pheasant
SE1807	SE10Y-2	26/06/2006	'BARNSLEY MBC'	bird	*Phasianus colchicus*	Pheasant
SE1906	SE10Y-3	26/06/2006	'BARNSLEY MBC'	bird	*Phasianus colchicus*	Pheasant
SE1806	SE10Y-1	26/06/2006	'BARNSLEY MBC'	bird	*Phasianus colchicus*	Pheasant
SE1906	Broadstones Reservoir	14/10/2007	Broadstone Reservoir	bird	*Phasianus colchicus*	Pheasant
SE1906		01/01/2009	Broadstone Reservoir	bird	*Phasianus colchicus*	Pheasant
SE1805	SE10X-2	20/04/2009	'BARNSLEY MBC'	bird	*Phasianus colchicus*	Pheasant
SE1905	SE10X-4	20/04/2009	'BARNSLEY MBC'	bird	*Phasianus colchicus*	Pheasant
SE1805	SE10X-2	10/05/2009	'BARNSLEY MBC'	bird	*Phasianus colchicus*	Pheasant
SE1905	SE10X-4	10/05/2009	'BARNSLEY MBC'	bird	*Phasianus colchicus*	Pheasant
SE1905	SE10X-4	14/06/2009	'BARNSLEY MBC'	bird	*Phasianus colchicus*	Pheasant
SE1805	SE10X-2	20/04/2009	'BARNSLEY MBC'	bird	*Phoenicurus phoenicurus*	Redstart
SE1906	SE10Y-3	30/05/2006	'BARNSLEY MBC'	bird	*Phylloscopus trochilus*	Willow Warbler
SE1906	SE10Y-3	26/06/2006	'BARNSLEY MBC'	bird	*Phylloscopus trochilus*	Willow Warbler

Grid Ref	Location Name	Date	Location	Group	Scientific Name	Common Name
SE1807	SE10Y-2	30/05/2006	'BARNSLEY MBC'	bird	*Pica pica*	Magpie
SE1807	SE10Y-2	26/06/2006	'BARNSLEY MBC'	bird	*Pica pica*	Magpie
SE1806	SE10Y-1	26/06/2006	'BARNSLEY MBC'	bird	*Pica pica*	Magpie
SE1906	Broadstones Reservoir	10/10/2007	Broadstone Reservoir	bird	*Pica pica*	Magpie
SE1906	Broadstones Reservoir	14/12/2007	Broadstone Reservoir	bird	*Pica pica*	Magpie
SE1805	SE10X-2	20/04/2009	'BARNSLEY MBC'	bird	*Pica pica*	Magpie
SE1805	SE10X-2	10/05/2009	'BARNSLEY MBC'	bird	*Pica pica*	Magpie
SE1905	SE10X-4	10/05/2009	'BARNSLEY MBC'	bird	*Pica pica*	Magpie
SE1805	SE10X-2	14/06/2009	'BARNSLEY MBC'	bird	*Pica pica*	Magpie
SE10Y		10/05/1992	Low Common	bird	*Pluvialis apricaria*	Golden Plover
SE188062		29/04/1995	Low Common	bird	*Pluvialis apricaria*	Golden Plover
SE1906		30/03/1996	Maythorn nr Ingbirchworth	bird	*Pluvialis apricaria*	Golden Plover
SE1905	Whitley Common	07/05/2007	Whitley Common	bird	*Pluvialis apricaria*	Golden Plover
SE1906	Broadstones Reservoir	27/09/2007	Broadstone Reservoir	bird	*Pluvialis apricaria*	Golden Plover
SE1906	Broadstones Reservoir	10/10/2007	Broadstone Reservoir	bird	*Poecile montanus*	Willow Tit
SE1806	SE10Y-1	30/05/2006	'BARNSLEY MBC'	bird	*Prunella modularis*	Dunnock
SE1906	SE10Y-3	30/05/2006	'BARNSLEY MBC'	bird	*Prunella modularis*	Dunnock
SE1906	SE10Y-3	26/06/2006	'BARNSLEY MBC'	bird	*Prunella modularis*	Dunnock
SE1806	SE10Y-1	26/06/2006	'BARNSLEY MBC'	bird	*Prunella modularis*	Dunnock
SE1807	SE10Y-2	26/06/2006	'BARNSLEY MBC'	bird	*Prunella modularis*	Dunnock
SE1906	Broadstones Reservoir	10/10/2007	Broadstone Reservoir	bird	*Prunella modularis*	Dunnock
SE1805	SE10X-2	20/04/2009	'BARNSLEY MBC'	bird	*Prunella modularis*	Dunnock
SE1805	SE10X-2	10/05/2009	'BARNSLEY MBC'	bird	*Prunella modularis*	Dunnock
SE1906	Broadstones Reservoir	24/10/2007	Broadstone Reservoir	bird	*Pyrrhula pyrrhula*	Bullfinch
SE1906	Broadstones Reservoir	24/10/2007	Broadstone Reservoir	bird	*Regulus regulus*	Goldcrest
SE10Y		10/05/1992	Low Common	bird	*Saxicola rubetra*	Whinchat
SE1906	SE10Y-3	26/06/2006	'BARNSLEY MBC'	bird	*Saxicola torquata*	Stonechat
SE1906	Broadstones Reservoir	10/10/2007	Broadstone Reservoir	bird	*Saxicola torquata*	Stonechat
SE1906	Broadstones Reservoir	14/10/2007	Broadstone Reservoir	bird	*Saxicola torquata*	Stonechat
SE1906		01/01/2009	Broadstone Reservoir	bird	*Saxicola torquata*	Stonechat

Grid Ref	Location Name	Date	Location	Group	Scientific Name	Common Name
SE1807	SE10Y-2	30/05/2006	'BARNSLEY MBC'	bird	*Streptopelia decaocto*	Collared Dove
SE1806	SE10Y-1	26/06/2006	'BARNSLEY MBC'	bird	*Streptopelia decaocto*	Collared Dove
SE1906	SE10Y-3	30/05/2006	'BARNSLEY MBC'	bird	*Strix aluco*	Tawny Owl
SE1705	SE10S-4	01/06/2007	'BARNSLEY MBC'	bird	*Strix aluco*	Tawny Owl
SE1806	SE10Y-1	30/05/2006	'BARNSLEY MBC'	bird	*Sturnus vulgaris*	Starling
SE1705	SE10S-4	06/05/2007	'BARNSLEY MBC'	bird	*Sturnus vulgaris*	Starling
SE1906	Broadstones Reservoir	14/10/2007	Broadstone Reservoir	bird	*Sturnus vulgaris*	Starling
SE1906	Broadstones Reservoir	24/10/2007	Broadstone Reservoir	bird	*Sturnus vulgaris*	Starling
SE1906	Broadstones Reservoir	14/12/2007	Broadstone Reservoir	bird	*Sturnus vulgaris*	Starling
SE1805	SE10X-2	20/04/2009	'BARNSLEY MBC'	bird	*Sturnus vulgaris*	Starling
SE1805	SE10X-2	10/05/2009	'BARNSLEY MBC'	bird	*Sturnus vulgaris*	Starling
SE1805	SE10X-2	14/06/2009	'BARNSLEY MBC'	bird	*Sturnus vulgaris*	Starling
SE1905	SE10X-4	14/06/2009	'BARNSLEY MBC'	bird	*Sturnus vulgaris*	Starling
SE1905		24/02/2011	Whitley Common	bird	*Sturnus vulgaris*	Starling
SE1906	SE10Y-3	30/05/2006	'BARNSLEY MBC'	bird	*Sylvia atricapilla*	Blackcap
SE1906		01/03/2000	Broadstone Reservoir	bird	*Sylvia communis*	Whitethroat
SE1906		01/03/2002	Broadstone Reservoir	bird	*Sylvia communis*	Whitethroat
SE1906	SE10Y-3	30/05/2006	'BARNSLEY MBC'	bird	*Sylvia communis*	Common Whitethroat
SE1906	SE10Y-3	26/06/2006	'BARNSLEY MBC'	bird	*Sylvia communis*	Common Whitethroat
SE1705	SE10S-4	17/06/2007	'BARNSLEY MBC'	bird	*Sylvia communis*	Common Whitethroat
SE1906	SE10Y-3	30/05/2006	'BARNSLEY MBC'	bird	*Tachybaptus ruficollis*	Little Grebe
SE1906	Broadstones Reservoir	14/10/2007	Broadstone Reservoir	bird	*Tachybaptus ruficollis*	Little Grebe
SE1805	SE10X-2	20/04/2009	'BARNSLEY MBC'	bird	*Tringa totanus*	Redshank
SE1806	SE10Y-1	30/05/2006	'BARNSLEY MBC'	bird	*Troglodytes troglodytes*	Wren
SE1906	SE10Y-3	30/05/2006	'BARNSLEY MBC'	bird	*Troglodytes troglodytes*	Wren
SE1807	SE10Y-2	30/05/2006	'BARNSLEY MBC'	bird	*Troglodytes troglodytes*	Wren
SE1906	SE10Y-3	26/06/2006	'BARNSLEY MBC'	bird	*Troglodytes troglodytes*	Wren
SE1906	Broadstones Reservoir	10/10/2007	Broadstone Reservoir	bird	*Troglodytes troglodytes*	Wren
SE1906	Broadstones Reservoir	24/10/2007	Broadstone Reservoir	bird	*Troglodytes troglodytes*	Wren
SE1805	SE10X-2	20/04/2009	'BARNSLEY MBC'	bird	*Troglodytes troglodytes*	Wren

Grid Ref	Location Name	Date	Location	Group	Scientific Name	Common Name
SE1905	SE10X-4	20/04/2009	'BARNSLEY MBC'	bird	*Troglodytes troglodytes*	Wren
SE1805	SE10X-2	10/05/2009	'BARNSLEY MBC'	bird	*Troglodytes troglodytes*	Wren
SE1805	SE10X-2	14/06/2009	'BARNSLEY MBC'	bird	*Troglodytes troglodytes*	Wren
SE1906	Broadstones Reservoir	27/09/2007	Broadstone Reservoir	bird	*Turdus iliacus*	Redwing
SE1906	Broadstones Reservoir	10/10/2007	Broadstone Reservoir	bird	*Turdus iliacus*	Redwing
SE1906		01/01/2009	Broadstone Reservoir	bird	*Turdus iliacus*	Redwing
SE1806	SE10Y-1	30/05/2006	'BARNSLEY MBC'	bird	*Turdus merula*	Blackbird
SE1807	SE10Y-2	30/05/2006	'BARNSLEY MBC'	bird	*Turdus merula*	Blackbird
SE1906	SE10Y-3	30/05/2006	'BARNSLEY MBC'	bird	*Turdus merula*	Blackbird
SE1906	SE10Y-3	26/06/2006	'BARNSLEY MBC'	bird	*Turdus merula*	Blackbird
SE1807	SE10Y-2	26/06/2006	'BARNSLEY MBC'	bird	*Turdus merula*	Blackbird
SE1806	SE10Y-1	26/06/2006	'BARNSLEY MBC'	bird	*Turdus merula*	Blackbird
SE1705	SE10S-4	17/06/2007	'BARNSLEY MBC'	bird	*Turdus merula*	Blackbird
SE1906	Broadstones Reservoir	24/10/2007	Broadstone Reservoir	bird	*Turdus merula*	Blackbird
SE1906	Broadstones Reservoir	14/12/2007	Broadstone Reservoir	bird	*Turdus merula*	Blackbird
SE1906		01/01/2009	Broadstone Reservoir	bird	*Turdus merula*	Blackbird
SE1805	SE10X-2	14/06/2009	'BARNSLEY MBC'	bird	*Turdus merula*	Blackbird
SE1906	SE10Y-3	30/05/2006	'BARNSLEY MBC'	bird	*Turdus philomelos*	Song Thrush
SE1906	SE10Y-3	26/06/2006	'BARNSLEY MBC'	bird	*Turdus philomelos*	Song Thrush
SE1805	Maythorn	02/03/2007	Maythorn nr Ingbirchworth	bird	*Turdus pilaris*	Fieldfare
SE1906	Broadstones Reservoir	24/10/2007	Broadstone Reservoir	bird	*Turdus pilaris*	Fieldfare
SE1906	Broadstones Reservoir	14/12/2007	Broadstone Reservoir	bird	*Turdus pilaris*	Fieldfare
SE1906		01/01/2009	Broadstone Reservoir	bird	*Turdus pilaris*	Fieldfare
SE1807	SE10Y-2	26/06/2006	'BARNSLEY MBC'	bird	*Turdus viscivorus*	Mistle Thrush
SE1906		01/01/2009	Broadstone Reservoir	bird	*Turdus viscivorus*	Mistle Thrush
SE1805	SE10X-2	20/04/2009	'BARNSLEY MBC'	bird	*Turdus viscivorus*	Mistle Thrush
SE188062		29/04/1995	Low Common	bird	*Vanellus vanellus*	Lapwing
SE1906		30/03/1996	Maythorn nr Ingbirchworth	bird	*Vanellus vanellus*	Lapwing
SE1906		01/03/2001	Broadstone Reservoir	bird	*Vanellus vanellus*	Lapwing
SE1805		01/03/2002	Broadstone Reservoir	bird	*Vanellus vanellus*	Lapwing

Grid Ref	Location Name	Date	Location	Group	Scientific Name	Common Name
SE1905		01/03/2002	Broadstone Reservoir	bird	*Vanellus vanellus*	Lapwing
SE1906		01/03/2002	Broadstone Reservoir	bird	*Vanellus vanellus*	Lapwing
SE1906		01/03/2002	Broadstone Reservoir	bird	*Vanellus vanellus*	Lapwing
SE1805		01/03/2002	Broadstone Reservoir	bird	*Vanellus vanellus*	Lapwing
SE1905		01/03/2002	Broadstone Reservoir	bird	*Vanellus vanellus*	Lapwing
SE1906		01/03/2002	Broadstone Reservoir	bird	*Vanellus vanellus*	Lapwing
SE1807	SE10Y-2	30/05/2006	'BARNSLEY MBC'	bird	*Vanellus vanellus*	Lapwing
SE1906	SE10Y-3	30/05/2006	'BARNSLEY MBC'	bird	*Vanellus vanellus*	Lapwing
SE1705	SE10S-4	06/05/2007	'BARNSLEY MBC'	bird	*Vanellus vanellus*	Lapwing
SE1906	Broadstones Reservoir	14/10/2007	Broadstone Reservoir	bird	*Vanellus vanellus*	Lapwing
SE1905	SE10X-4	20/04/2009	'BARNSLEY MBC'	bird	*Vanellus vanellus*	Lapwing
SE1805	SE10X-2	20/04/2009	'BARNSLEY MBC'	bird	*Vanellus vanellus*	Lapwing
SE1805	SE10X-2	10/05/2009	'BARNSLEY MBC'	bird	*Vanellus vanellus*	Lapwing
SE1905	SE10X-4	10/05/2009	'BARNSLEY MBC'	bird	*Vanellus vanellus*	Lapwing
SE1905		13/06/2009	Whitley Common	bird	*Vanellus vanellus*	Lapwing
SE1805	SE10X-2	14/06/2009	'BARNSLEY MBC'	bird	*Vanellus vanellus*	Lapwing
SE1905	SE10X-4	14/06/2009	'BARNSLEY MBC'	bird	*Vanellus vanellus*	Lapwing
SE1905		24/02/2011	Whitley Common	bird	*Vanellus vanellus*	Lapwing
SE1906	Broadstones	25/09/2011	Broadstone Reservoir LWS	bird	*Vanellus vanellus*	Lapwing
SE186046	TN9	01/09/2010	Whitley Edge LWS	flowering plant	*Acer campestre*	Field Maple
SE189048	TN5	01/01/2010	Whitley Edge LWS	flowering plant	*Agrostis capillaris*	Common Bent
SE188052	TN2	01/01/2010	Whitley Edge LWS	flowering plant	*Agrostis capillaris*	Common Bent
SE187048	TN4	01/01/2010	Whitley Edge LWS	flowering plant	*Agrostis capillaris*	Common Bent
SE1805	TN3	01/01/2010	Whitley Edge LWS	flowering plant	*Agrostis capillaris*	Common Bent
SE189047	TN7	01/09/2010	Whitley Edge LWS	flowering plant	*Agrostis capillaris*	Common Bent
SE186049	TN11	01/09/2010	Whitley Edge LWS	flowering plant	*Agrostis capillaris*	Common Bent
SE188047	TN8	01/09/2010	Whitley Edge LWS	flowering plant	*Agrostis capillaris*	Common Bent
SE187047	TN10	01/09/2010	Whitley Edge LWS	flowering plant	*Agrostis capillaris*	Common Bent
SE187048	TN4	01/01/2010	Whitley Edge LWS	flowering plant	*Agrostis stolonifera*	Creeping Bent
SE1805	TN3	01/01/2010	Whitley Edge LWS	flowering plant	*Agrostis stolonifera*	Creeping Bent

Grid Ref	Location Name	Date	Location	Group	Scientific Name	Common Name
SE188052	TN2	01/01/2010	Whitley Edge LWS	flowering plant	*Agrostis stolonifera*	Creeping Bent
SE189047	TN7	01/09/2010	Whitley Edge LWS	flowering plant	*Agrostis stolonifera*	Creeping Bent
SE186049	TN11	01/09/2010	Whitley Edge LWS	flowering plant	*Agrostis stolonifera*	Creeping Bent
SE186046	TN9	01/09/2010	Whitley Edge LWS	flowering plant	*Alnus glutinosa*	Alder
SE187048	TN4	01/01/2010	Whitley Edge LWS	flowering plant	*Alopecurus geniculatus*	Marsh Foxtail
SE186046	TN9	01/09/2010	Whitley Edge LWS	flowering plant	*Betula pendula*	Silver Birch
SE187048	TN4	01/01/2010	Whitley Edge LWS	flowering plant	*Callitriche stagnalis*	Common Water-Starwort
SE186049	TN11	01/09/2010	Whitley Edge LWS	flowering plant	*Callitriche stagnalis*	Common Water-Starwort
SE188047	TN8	01/09/2010	Whitley Edge LWS	flowering plant	*Calluna vulgaris*	Heather
SE187048	TN4	01/01/2010	Whitley Edge LWS	flowering plant	*Cardamine pratensis*	Cuckooflower
SE1805	TN3	01/01/2010	Whitley Edge LWS	flowering plant	*Carex panicea*	Carnation Sedge
SE189048	TN5	01/01/2010	Whitley Edge LWS	flowering plant	*Cerastium fontanum*	Common Mouse-Ear
SE186049	TN11	01/09/2010	Whitley Edge LWS	flowering plant	*Cerastium fontanum*	Common Mouse-Ear
SE187047	TN10	01/09/2010	Whitley Edge LWS	flowering plant	*Chamerion angustifolium*	Rosebay Willowherb
SE189048	TN5	01/01/2010	Whitley Edge LWS	flowering plant	*Cirsium arvense*	Creeping Thistle
SE188047	TN8	01/09/2010	Whitley Edge LWS	flowering plant	*Cirsium arvense*	Creeping Thistle
SE188052	TN2	01/01/2010	Whitley Edge LWS	flowering plant	*Cirsium palustre*	Marsh Thistle
SE187048	TN4	01/01/2010	Whitley Edge LWS	flowering plant	*Cirsium palustre*	Marsh Thistle
SE186049	TN11	01/09/2010	Whitley Edge LWS	flowering plant	*Cirsium palustre*	Marsh Thistle
SE189047	TN7	01/09/2010	Whitley Edge LWS	flowering plant	*Cirsium vulgare*	Spear Thistle
SE186046	TN9	01/09/2010	Whitley Edge LWS	flowering plant	*Corylus avellana*	Hazel
SE186046	TN9	01/09/2010	Whitley Edge LWS	flowering plant	*Crataegus monogyna*	Hawthorn
SE1805	TN3	01/01/2010	Whitley Edge LWS	flowering plant	*Danthonia decumbens*	Heath-Grass
SE189048	TN5	01/01/2010	Whitley Edge LWS	flowering plant	*Deschampsia caespitosa*	Tufted Hair-Grass
SE188052	TN2	01/01/2010	Whitley Edge LWS	flowering plant	*Deschampsia caespitosa*	Tufted Hair-Grass
SE1805	TN3	01/01/2010	Whitley Edge LWS	flowering plant	*Deschampsia caespitosa*	Tufted Hair-Grass
SE187048	TN4	01/01/2010	Whitley Edge LWS	flowering plant	*Deschampsia caespitosa*	Tufted Hair-Grass
SE189047	TN7	01/09/2010	Whitley Edge LWS	flowering plant	*Deschampsia caespitosa*	Tufted Hair-Grass

Grid Ref	Location Name	Date	Location	Group	Scientific Name	Common Name
SE186049	TN11	01/09/2010	Whitley Edge LWS	flowering plant	*Deschampsia caespitosa*	Tufted Hair-Grass
SE1805	TN3	01/01/2010	Whitley Edge LWS	flowering plant	*Deschampsia flexuosa*	Wavy Hair-Grass
SE187047	TN10	01/09/2010	Whitley Edge LWS	flowering plant	*Deschampsia flexuosa*	Wavy Hair-Grass
SE186049	TN11	01/09/2010	Whitley Edge LWS	flowering plant	*Digitalis purpurea*	Foxglove
SE187047	TN10	01/09/2010	Whitley Edge LWS	flowering plant	*Digitalis purpurea*	Foxglove
SE189047	TN7	01/09/2010	Whitley Edge LWS	flowering plant	*Digitalis purpurea*	Foxglove
SE187048	TN4	01/01/2010	Whitley Edge LWS	flowering plant	*Eriophorum angustifolium*	Common Cottongrass
SE187047	TN10	01/09/2010	Whitley Edge LWS	flowering plant	*Festuca ovina agg.*	Sheep's Fescue agg.
SE187048	TN4	01/01/2010	Whitley Edge LWS	flowering plant	*Festuca rubra agg.*	Red Fescue
SE186049	TN11	01/09/2010	Whitley Edge LWS	flowering plant	*Festuca rubra agg.*	Red Fescue
SE186046	TN9	01/09/2010	Whitley Edge LWS	flowering plant	*Fraxinus excelsior*	Ash
SE187048	TN4	01/01/2010	Whitley Edge LWS	flowering plant	*Galium palustre*	Common Marsh-Bedstraw
SE1805	TN3	01/01/2010	Whitley Edge LWS	flowering plant	*Galium saxatile*	Heath Bedstraw
SE188047	TN8	01/09/2010	Whitley Edge LWS	flowering plant	*Galium saxatile*	Heath Bedstraw
SE187047	TN10	01/09/2010	Whitley Edge LWS	flowering plant	*Galium saxatile*	Heath Bedstraw
SE187048	TN4	01/01/2010	Whitley Edge LWS	flowering plant	*Glyceria*	Sweet-Grass
SE186049	TN11	01/09/2010	Whitley Edge LWS	flowering plant	*Glyceria*	Sweet-Grass
SE187048	TN4	01/01/2010	Whitley Edge LWS	flowering plant	*Holcus lanatus*	Yorkshire-Fog
SE186049	TN11	01/09/2010	Whitley Edge LWS	flowering plant	*Holcus lanatus*	Yorkshire-Fog
SE189048	TN5	01/01/2010	Whitley Edge LWS	flowering plant	*Hypochaeris radicata*	Cat's-Ear
SE1805	TN3	01/01/2010	Whitley Edge LWS	flowering plant	*Hypochaeris radicata*	Cat's-Ear
SE187048	TN4	01/01/2010	Whitley Edge LWS	flowering plant	*Juncus articulatus*	Jointed Rush
SE187048	TN4	01/01/2010	Whitley Edge LWS	flowering plant	*Juncus bufonius agg.*	Toad Rush agg.
SE189048	TN5	01/01/2010	Whitley Edge LWS	flowering plant	*Juncus conglomeratus*	Compact Rush
SE188052	TN2	01/01/2010	Whitley Edge LWS	flowering plant	*Juncus conglomeratus*	Compact Rush
SE1805	TN3	01/01/2010	Whitley Edge LWS	flowering plant	*Juncus conglomeratus*	Compact Rush
SE187048	TN4	01/01/2010	Whitley Edge LWS	flowering plant	*Juncus conglomeratus*	Compact Rush
SE189047	TN7	01/09/2010	Whitley Edge LWS	flowering plant	*Juncus conglomeratus*	Compact Rush
SE187048	TN4	01/01/2010	Whitley Edge LWS	flowering plant	*Juncus effusus*	Soft Rush

Grid Ref	Location Name	Date	Location	Group	Scientific Name	Common Name
SE188052	TN2	01/01/2010	Whitley Edge LWS	flowering plant	*Juncus effusus*	Soft Rush
SE189048	TN5	01/01/2010	Whitley Edge LWS	flowering plant	*Juncus effusus*	Soft Rush
SE186049	TN11	01/09/2010	Whitley Edge LWS	flowering plant	*Juncus effusus*	Soft Rush
SE189047	TN7	01/09/2010	Whitley Edge LWS	flowering plant	*Juncus effusus*	Soft Rush
SE1805	TN3	01/01/2010	Whitley Edge LWS	flowering plant	*Juncus squarrosus*	Heath Rush
SE187048	TN4	01/01/2010	Whitley Edge LWS	flowering plant	*Juncus squarrosus*	Heath Rush
SE188047	TN8	01/09/2010	Whitley Edge LWS	flowering plant	*Juncus squarrosus*	Heath Rush
SE187047	TN10	01/09/2010	Whitley Edge LWS	flowering plant	*Juncus squarrosus*	Heath Rush
SE189047	TN7	01/09/2010	Whitley Edge LWS	flowering plant	*Juncus squarrosus*	Heath Rush
SE1805	TN3	01/01/2010	Whitley Edge LWS	flowering plant	*Leontodon autumnalis*	Autumnal Hawkbit
SE189048	TN5	01/01/2010	Whitley Edge LWS	flowering plant	*Leontodon autumnalis*	Autumnal Hawkbit
SE189048	TN5	01/01/2010	Whitley Edge LWS	flowering plant	*Lolium perenne*	Perennial Rye-Grass
SE187048	TN4	01/01/2010	Whitley Edge LWS	flowering plant	*Lotus pedunculatus*	Large Bird's-Foot-Trefoil
SE186049	TN11	01/09/2010	Whitley Edge LWS	flowering plant	*Lotus pedunculatus*	Large Bird's-Foot-Trefoil
SE1805	TN3	01/01/2010	Whitley Edge LWS	flowering plant	*Molinia caerulea*	Purple Moor-Grass
SE189047	TN7	01/09/2010	Whitley Edge LWS	flowering plant	*Molinia caerulea*	Purple Moor-Grass
SE188047	TN8	01/09/2010	Whitley Edge LWS	flowering plant	*Molinia caerulea*	Purple Moor-Grass
SE187048	TN4	01/01/2010	Whitley Edge LWS	flowering plant	*Montia fontana*	Blinks
SE1805	TN3	01/01/2010	Whitley Edge LWS	flowering plant	*Nardus stricta*	Mat-Grass
SE187047	TN10	01/09/2010	Whitley Edge LWS	flowering plant	*Nardus stricta*	Mat-Grass
SE188047	TN8	01/09/2010	Whitley Edge LWS	flowering plant	*Nardus stricta*	Mat-Grass
SE187048	TN4	01/01/2010	Whitley Edge LWS	flowering plant	*Persicaria maculosa*	Redshank
SE189048	TN5	01/01/2010	Whitley Edge LWS	flowering plant	*Plantago lanceolata*	Ribwort Plantain
SE189048	TN5	01/01/2010	Whitley Edge LWS	flowering plant	*Poa annua*	Annual Meadow-Grass
SE189047	TN7	01/09/2010	Whitley Edge LWS	flowering plant	*Poa annua*	Annual Meadow-Grass
SE186046	TN9	01/09/2010	Whitley Edge LWS	flowering plant	*Populus nigra*	Poplar
SE186046	TN9	01/09/2010	Whitley Edge LWS	flowering plant	*Populus tremula*	Aspen
SE1805	TN3	01/01/2010	Whitley Edge LWS	flowering plant	*Potentilla erecta*	Tormentil

Grid Ref	Location Name	Date	Location	Group	Scientific Name	Common Name
SE187048	TN4	01/01/2010	Whitley Edge LWS	flowering plant	*Potentilla erecta*	Tormentil
SE188047	TN8	01/09/2010	Whitley Edge LWS	flowering plant	*Potentilla erecta*	Tormentil
SE187048	TN4	01/01/2010	Whitley Edge LWS	flowering plant	*Ranunculus acris*	Meadow Buttercup
SE189047	TN7	01/09/2010	Whitley Edge LWS	flowering plant	*Ranunculus acris*	Meadow Buttercup
SE187048	TN4	01/01/2010	Whitley Edge LWS	flowering plant	*Ranunculus flammula*	Lesser Spearwort
SE189047	TN7	01/09/2010	Whitley Edge LWS	flowering plant	*Ranunculus flammula*	Lesser Spearwort
SE186049	TN11	01/09/2010	Whitley Edge LWS	flowering plant	*Ranunculus flammula*	Lesser Spearwort
SE187048	TN4	01/01/2010	Whitley Edge LWS	flowering plant	*Ranunculus hederaceus*	Ivy-Leaved Crowfoot
SE1805	TN3	01/01/2010	Whitley Edge LWS	flowering plant	*Ranunculus repens*	Creeping Buttercup
SE186049	TN11	01/09/2010	Whitley Edge LWS	flowering plant	*Ranunculus repens*	Creeping Buttercup
SE186049	TN11	01/09/2010	Whitley Edge LWS	flowering plant	*Rumex acetosa*	Common Sorrel
SE186046	TN9	01/09/2010	Whitley Edge LWS	flowering plant	*Salix caprea*	Goat Willow
SE186049	TN11	01/09/2010	Whitley Edge LWS	flowering plant	*Senecio jacobaea*	Common Ragwort
SE186046	TN9	01/09/2010	Whitley Edge LWS	flowering plant	*Sorbus aucuparia*	Rowan
SE188047	TN8	01/09/2010	Whitley Edge LWS	flowering plant	*Sorbus aucuparia*	Rowan
SE189047	TN7	01/09/2010	Whitley Edge LWS	flowering plant	*Stellaria media*	Common Chickweed
SE189048	TN5	01/01/2010	Whitley Edge LWS	flowering plant	*Trifolium pratense*	Red Clover
SE1805	TN3	01/01/2010	Whitley Edge LWS	flowering plant	*Trifolium repens*	White Clover
SE189048	TN5	01/01/2010	Whitley Edge LWS	flowering plant	*Trifolium repens*	White Clover
SE186049	TN11	01/09/2010	Whitley Edge LWS	flowering plant	*Trifolium repens*	White Clover
SE187047	TN10	01/09/2010	Whitley Edge LWS	flowering plant	*Trifolium repens*	White Clover
SE189048	TN5	01/01/2010	Whitley Edge LWS	flowering plant	*Ulex gallii*	Western Gorse
SE188047	TN8	01/09/2010	Whitley Edge LWS	flowering plant	*Ulex gallii*	Western Gorse
SE187047	TN10	01/09/2010	Whitley Edge LWS	flowering plant	*Ulex gallii*	Western Gorse
SE189047	TN7	01/09/2010	Whitley Edge LWS	flowering plant	*Urtica dioica*	Common Nettle
SE186049	TN11	01/09/2010	Whitley Edge LWS	flowering plant	*Urtica dioica*	Common Nettle
SE187047	TN10	01/09/2010	Whitley Edge LWS	flowering plant	*Vaccinium myrtillus*	Bilberry
SE188047	TN8	01/09/2010	Whitley Edge LWS	flowering plant	*Vaccinium myrtillus*	Bilberry
SE186046	TN9	01/09/2010	Whitley Edge LWS	flowering plant	*Viburnum opulus*	Guelder-Rose
SE1805	TN3	01/01/2010	Whitley Edge LWS	fungus	*Cladonia*	Cladonia

Grid Ref	Location Name	Date	Location	Group	Scientific Name	Common Name
SE187047	TN10	01/09/2010	Whitley Edge LWS	fungus	*Cladonia*	Cladonia
SE1906		17/02/1985	Whitley Common	insect - beetle (Coleoptera)	*Atomaria atricapilla*	Atomaria atricapilla
SE1906		17/02/1985	Whitley Common	insect - beetle (Coleoptera)	*Cyanapion gyllenhali*	Cyanapion gyllenhali
SE194064	Broadstones Reservoir	11/05/1985	Broadstone Reservoir LWS	insect - beetle (Coleoptera)	*Euaesthetus laeviusculus*	Euaesthetus laeviusculus
SE194064	Broadstones Reservoir	23/06/1985	Broadstone Reservoir LWS	insect - beetle (Coleoptera)	*Euaesthetus laeviusculus*	Euaesthetus laeviusculus
SE194064	Broadstones Reservoir	23/06/1985	Broadstone Reservoir LWS	insect - beetle (Coleoptera)	*Galerucella tenella*	Galerucella tenella
SE1906		17/02/1985	Whitley Common	insect - beetle (Coleoptera)	*Gymnusa variegata*	Gymnusa variegata
SE1906		17/02/1985	Whitley Common	insect - beetle (Coleoptera)	*Liogluta longiuscula*	Liogluta longiuscula
SE1906		23/06/1985	Whitley Common	insect - beetle (Coleoptera)	*Lithocharis nigriceps*	Lithocharis nigriceps
SE1906		17/02/1985	Whitley Common	insect - beetle (Coleoptera)	*Oxypoda elongatula*	Oxypoda elongatula
SE1906		17/02/1985	Whitley Common	insect - beetle (Coleoptera)	*Oxypoda umbrata*	Oxypoda umbrata
SE194064	Broadstones Reservoir	02/02/1985	Broadstone Reservoir LWS	insect - beetle (Coleoptera)	*Philonthus cognatus*	Philonthus cognatus
SE1906		17/02/1985	Whitley Common	insect - beetle (Coleoptera)	*Stilbus testaceus*	Stilbus testaceus
SE1906		23/06/1985	Whitley Common	insect - beetle (Coleoptera)	*Trechus secalis*	Trechus secalis
SE1805	TN3	01/01/2010	Whitley Edge LWS	moss	*Polytrichum commune*	Common Haircap
SE187048	TN4	01/01/2010	Whitley Edge LWS	moss	*Polytrichum commune*	Common Haircap
SE1805	TN3	01/01/2010	Whitley Edge LWS	moss	*Polytrichum juniperinum*	Juniper Haircap

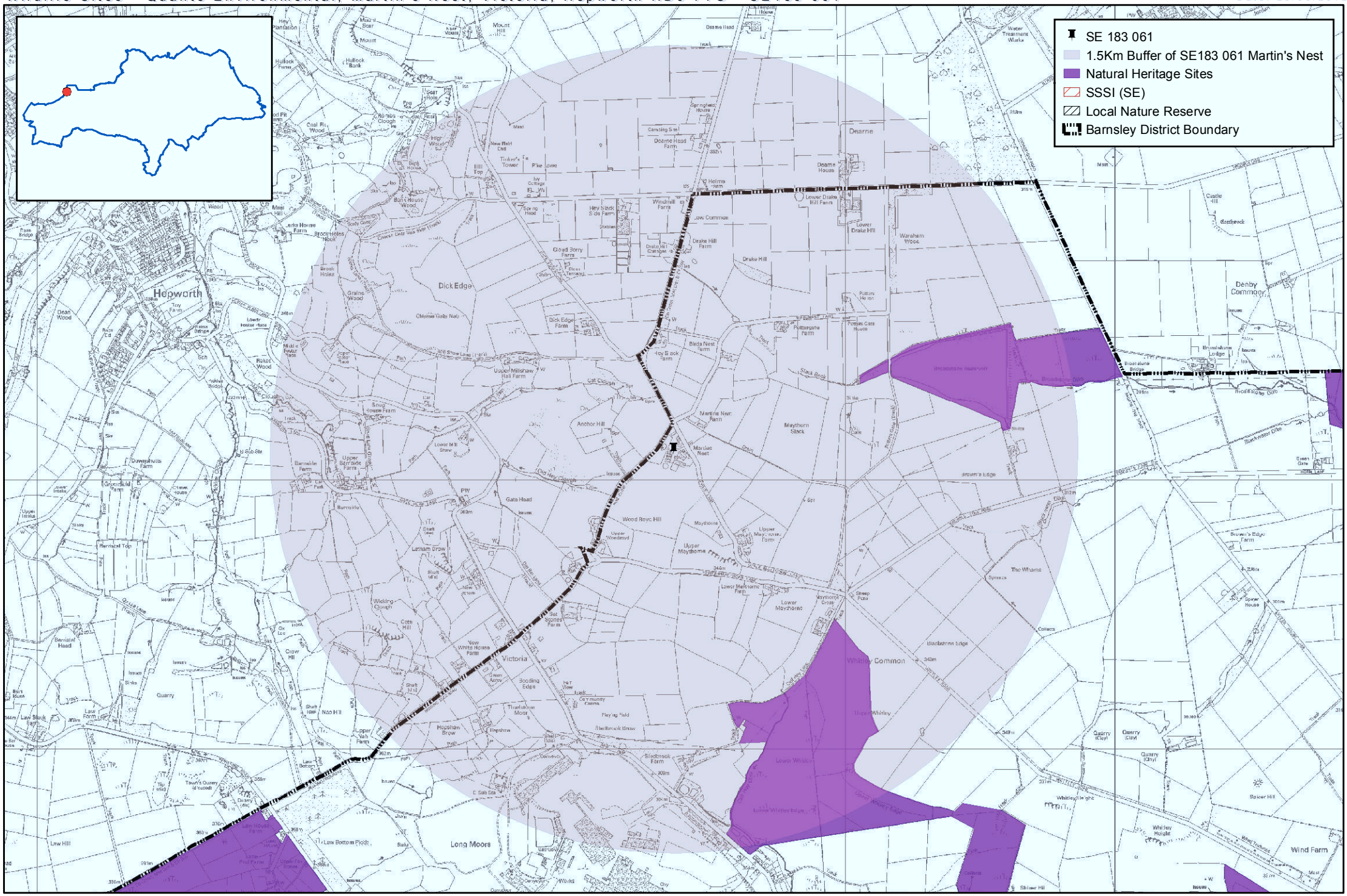
Grid Ref	Location Name	Date	Location	Group	Scientific Name	Common Name
SE187047	TN10	01/09/2010	Whitley Edge LWS	moss	*Polytrichum juniperinum*	Juniper Haircap
SE1906		23/06/1985	Whitley Common	spider (Araneae)	*Agyneta conigera*	Agyneta conigera
SE1906		23/06/1985	Whitley Common	spider (Araneae)	*Agyneta conigera*	Agyneta conigera
SE194064	Broadstones Reservoir	01/02/1985	Broadstone Reservoir LWS	spider (Araneae)	*Amaurobius fenestralis*	Amaurobius fenestralis
SE1906		17/02/1985	Whitley Common	spider (Araneae)	*Amaurobius fenestralis*	Amaurobius fenestralis
SE1906		17/02/1985	Whitley Common	spider (Araneae)	*Bathyphantes approximatus*	Bathyphantes approximatus
SE1906		17/02/1985	Whitley Common	spider (Araneae)	*Bolyphantes alticeps*	Bolyphantes alticeps
SE1906		17/02/1985	Whitley Common	spider (Araneae)	*Clubiona diversa*	Clubiona diversa
SE1906		23/06/1985	Whitley Common	spider (Araneae)	*Clubiona reclusa*	Clubiona reclusa
SE194064	Broadstones Reservoir	23/06/1985	Broadstone Reservoir LWS	spider (Araneae)	*Clubiona reclusa*	Clubiona reclusa
SE1906		23/06/1985	Whitley Common	spider (Araneae)	*Dismodicus bifrons*	Dismodicus bifrons
SE1906		23/06/1985	Whitley Common	spider (Araneae)	*Enoplognatha ovata*	Enoplognatha ovata
SE194064	Broadstones Reservoir	23/06/1985	Broadstone Reservoir LWS	spider (Araneae)	*Enoplognatha ovata*	Enoplognatha ovata
SE194064	Broadstones Reservoir	01/02/1985	Broadstone Reservoir LWS	spider (Araneae)	*Erigone atra*	Erigone atra
SE194064	Broadstones Reservoir	23/06/1985	Broadstone Reservoir LWS	spider (Araneae)	*Erigone atra*	Erigone atra
SE194064	Broadstones Reservoir	23/06/1985	Broadstone Reservoir LWS	spider (Araneae)	*Erigone dentipalpis*	Erigone dentipalpis
SE194064	Broadstones Reservoir	23/06/1985	Broadstone Reservoir LWS	spider (Araneae)	*Gongylidiellum vivum*	Gongylidiellum vivum
SE194064	Broadstones Reservoir	01/02/1985	Broadstone Reservoir LWS	spider (Araneae)	*Hypomma bituberculatum*	Hypomma bituberculatum
SE1906		17/02/1985	Whitley Common	spider (Araneae)	*Hypomma bituberculatum*	Hypomma bituberculatum
SE194064	Broadstones Reservoir	23/06/1985	Broadstone Reservoir LWS	spider (Araneae)	*Hypomma bituberculatum*	Hypomma bituberculatum
SE194064	Broadstones Reservoir	01/02/1985	Broadstone Reservoir LWS	spider (Araneae)	*Lepthyphantes alacris*	Lepthyphantes alacris
SE1906		17/02/1985	Whitley Common	spider (Araneae)	*Lepthyphantes zimmermanni*	Lepthyphantes zimmermanni
SE1906		23/06/1985	Whitley Common	spider (Araneae)	*Microlinyphia pusilla*	Microlinyphia pusilla
SE1906		17/02/1985	Whitley Common	spider (Araneae)	*Monocephalus fuscipes*	Monocephalus fuscipes
SE1906		17/02/1985	Whitley Common	spider (Araneae)	*Monocephalus fuscipes*	Monocephalus fuscipes

Grid Ref	Location Name	Date	Location	Group	Scientific Name	Common Name
SE194064	Broadstones Reservoir	01/02/1985	Broadstone Reservoir LWS	spider (Araneae)	*Oedothorax fuscus*	Oedothorax fuscus
SE1906		17/02/1985	Whitley Common	spider (Araneae)	*Oedothorax fuscus*	Oedothorax fuscus
SE194064	Broadstones Reservoir	23/06/1985	Broadstone Reservoir LWS	spider (Araneae)	*Oedothorax fuscus*	Oedothorax fuscus
SE1906		23/06/1985	Whitley Common	spider (Araneae)	*Oedothorax gibbosus*	Oedothorax gibbosus
SE194064	Broadstones Reservoir	23/06/1985	Broadstone Reservoir LWS	spider (Araneae)	*Oedothorax gibbosus*	Oedothorax gibbosus
SE194064	Broadstones Reservoir	23/06/1985	Broadstone Reservoir LWS	spider (Araneae)	*Oedothorax gibbosus*	Oedothorax gibbosus
SE194064	Broadstones Reservoir	01/02/1985	Broadstone Reservoir LWS	spider (Araneae)	*Pachygnatha degeeri*	Pachygnatha degeeri
SE194064	Broadstones Reservoir	23/06/1985	Broadstone Reservoir LWS	spider (Araneae)	*Pardosa amentata*	Pardosa amentata
SE194064	Broadstones Reservoir	23/06/1985	Broadstone Reservoir LWS	spider (Araneae)	*Pardosa amentata*	Pardosa amentata
SE194064	Broadstones Reservoir	23/06/1985	Broadstone Reservoir LWS	spider (Araneae)	*Pardosa pullata*	Pardosa pullata
SE194064	Broadstones Reservoir	23/06/1985	Broadstone Reservoir LWS	spider (Araneae)	*Pardosa pullata*	Pardosa pullata
SE1906		23/06/1985	Whitley Common	spider (Araneae)	*Robertus lividus*	Robertus lividus
SE194064	Broadstones Reservoir	01/02/1985	Broadstone Reservoir LWS	spider (Araneae)	*Savignia frontata*	Savignia frontata
SE194064	Broadstones Reservoir	23/06/1985	Broadstone Reservoir LWS	spider (Araneae)	*Silometopus elegans*	Silometopus elegans
SE194064	Broadstones Reservoir	23/06/1985	Broadstone Reservoir LWS	spider (Araneae)	*Silometopus elegans*	Silometopus elegans
SE1906		17/02/1985	Whitley Common	spider (Araneae)	*Tetragnatha extensa*	Tetragnatha extensa
SE1906		23/06/1985	Whitley Common	spider (Araneae)	*Tetragnatha extensa*	Tetragnatha extensa
SE1906		23/06/1985	Whitley Common	spider (Araneae)	*Tetragnatha extensa*	Tetragnatha extensa
SE194064	Broadstones Reservoir	23/06/1985	Broadstone Reservoir LWS	spider (Araneae)	*Tetragnatha extensa*	Tetragnatha extensa
SE191064	Broadstone Reservoir	06/12/1981	'BARNSLEY MBC'	terrestrial mammal	*Arvicola terrestris*	Water Vole
SE192057	Whitley Common	07/10/1982	'BARNSLEY MBC'	terrestrial mammal	*Erinaceus europaeus*	Hedgehog
SE193052		15/03/1982	Whitley Common	terrestrial mammal	*Lepus europaeus*	Brown Hare
SE195054		21/03/1982	Whitley Common	terrestrial mammal	*Lepus europaeus*	Brown Hare
SE194055		23/03/1982	Whitley Common	terrestrial mammal	*Lepus europaeus*	Brown Hare
SE191057		25/03/1982	Whitley Common	terrestrial mammal	*Lepus europaeus*	Brown Hare
SE194054		28/03/1982	Whitley Common	terrestrial mammal	*Lepus europaeus*	Brown Hare
SE196054		10/04/1982	Whitley Common	terrestrial mammal	*Lepus europaeus*	Brown Hare

Grid Ref	Location Name	Date	Location	Group	Scientific Name	Common Name
SE191064	Broadstones Reservoir	17/04/1982	Broadstone Reservoir LWS	terrestrial mammal	*Lepus europaeus*	Brown Hare
SE173052	Victoria	18/04/1982	'BARNSLEY MBC'	terrestrial mammal	*Lepus europaeus*	Brown Hare
SE191068	Broadstones Reservoir	02/05/1982	Broadstone Reservoir LWS	terrestrial mammal	*Lepus europaeus*	Brown Hare
SE193051	Whitley Common	02/05/1982	'BARNSLEY MBC'	terrestrial mammal	*Lepus europaeus*	Brown Hare
SE193050		24/06/1982	Whitley Common	terrestrial mammal	*Lepus europaeus*	Brown Hare
SE193050		11/07/1982	Whitley Common	terrestrial mammal	*Lepus europaeus*	Brown Hare
SE189063	Broadstones Reservoir	11/07/1982	Broadstone Reservoir LWS	terrestrial mammal	*Lepus europaeus*	Brown Hare
SE1905		16/05/1983	Whitley Common	terrestrial mammal	*Lepus timidus*	Mountain Hare

Wildlife Sites - Quants Environmental, Martin's Nest, Victoria, Hepworth HD9 7TG - SE183 061

Date: 23/03/2012


SE 183 061
1.5Km Buffer of SE183 061 Martin's Nest
Natural Heritage Sites
SSSI (SE)
Local Nature Reserve
Barnsley District Boundary
Hepworth
Dick Edge
Dearne
Denby Common
Victoria
Whitley Common
Long Moors
Wind Farm
Martins Nest
Anchor Hill
Gate Head
Wood Royc Hill
Upper Maythorne
Lower Maythorne
Maythorn Stack
Broadstone Reservoir
Wilding Clough
Lanham Brow
Housham Brow
Sledbrook Brow
Law Hill
Quarry
Barnsley Top
Wood
Dean Wood
Rakes Wood
Grains Wood
Wareham Wood
Drake Hill
Low Common
Upper Mellshaw Hall Farm
Lower Mellshaw Hall Farm
Dick Edge Farm
Hey Sick Farm
Windmill Farm
Dearne House
Lower Drake Hill Farm
Lower Drake Hill
Drake Hill Farm
Blacka Nest Farm
Potterigate Farm
Martins Nest Farm
Upper Barnside Farm
Lower Barnside Farm
Gate Head
Upper Maythorne Farm
Lower Maythorne Farm
Sledbrook Farm
New White House Farm
Law Farm
Upper Yeh Farm
Law Bottom Fields
Law House Farm
Law Pond Farm
Upper Law House
Law Bottom Farm
Law Slack Farm
Town's Quarry (disused)
Quarry (disused)
Quarry (Clay)
Quarry (Gravel)
Spicer Hill
Whitley Height
Whitley Hall
Lower Whitley
Upper Whitley
Whitley Hall Farm
Whitley Common Farm
Browns Edge
Browns Edge Farm
The Whams
Blackbrook Edge
Castle Hill
Earnshaw
Broadstone Bridge
Broadstone Dike
Blackwater Dike
Stack Rock
Old Moor Clough
Cat Clough
Snug House Farm
Upper Mill Shaw
Lower Mill Shaw
Mill Shaw Lane
Dick Edge Delph
Old Bank Clough
Old Barnsley Road
Sheep Path
Sheep Pens
Spoil Heaps
Works
Reservoir
Pond
Spring
Sink
Track
Footpath
Bridleway
Boundary Stone
Sub Sta
Pylon
Chimney
Mast
Tank
Pumping Station
Water Treatment Works
Springfield House
Dearne Head
Dearne Head Farm
Pike Lowe
Ivy Cottage
Old Holme
Bank House
Bank House Wood
Brockholes Nook
Brockholes Bridge
Toy Farm
Toy Bridge
Lower Hoyle Ing
Middle Hoyle Ing
Upper Hoyle Ing
Hoyle Ing Bridge
Sch
Dovecliffe Farm
Barnsley Farm
Greenfield Farm
Crimes House
Upper Intake
Lower Intake
Burnside
Barnsley Top
Barnsley Head
Crow Hill
Cote Hill
Nab Hill
Thunderbolt Moor
Ringshaw
Bedding Edge
Hot View
Community Centre
Playing Field
Shaft
Old Shaft
Spoil
Old Workings
Quarry Face
Hey Clough
Quarry Lane
Bank House Lane
Sandy Gate
Lodge House Farm
Mount
Mount Scar
Hullock Bank
Hullock Farm
Scar Hole
Coal Pit Wood
Rough Clough
Higher Whitley
Mount Hill
Hey Plantation
Mount Scar Plantation
Cowley Hill
Cowley Hill Wood
Meal Hill
Meal Hill Wood
Thorn Bridge
Thorn Bridge Wood
Dearne Valley Parkway
Whitley Lane
Whitley Lane Ends
Whitley Common Road
Whitley Hall Road
Whitley Hall Lane
Whitley Common Lane
Whitley Common Farm Road
Whitley Common Lane Ends
Whitley Common Road Ends
Whitley Hall Road Ends
Whitley Hall Lane Ends
Whitley Common Farm Road Ends

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ECOLOGICAL RECORDS SEARCH

FOR

MARTINS NEST FARM, VICTORIA, HEPWORTH, HUDDERSFIELD

Ref No:- 20120320 K411 EB

Date: 23rd March 2012

Prepared For Ryan Knight

QUANTS Environmental Ltd
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Ripon
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1 Introduction

This report provides a summary of the protected and notable species and designated sites information held by West Yorkshire Ecology (WYE) within 2km of grid reference SE183061.

The information within this report is supplied subject to WYE's 'Terms and Conditions', which can be viewed on the WYE website (http://www.ecology.wyjs.org.uk).

2 Species

West Yorkshire Ecology holds the following records within your defined search area.

Table 1 – Species records

Grid Reference	Date	Record Type	Designations
Bird			
Common Sandpiper	***Actitis hypoleucos***		
SE193063	01/04/1988	field record	BoCC:Amber
Skylark	***Alauda arvensis***		
SE1757007850	30/03/2000 - 17/05/2000	field record	BoCC:Red; UKBAP; WYBAP; Kirklees BAP
SE199073	October 2008 - March 2009	field record	BoCC:Red; UKBAP; WYBAP; Kirklees BAP
SE199073	12/05/2009	field record	BoCC:Red; UKBAP; WYBAP; Kirklees BAP
SE199073	March 2009 - June 2009	field record	BoCC:Red; UKBAP; WYBAP; Kirklees BAP
Teal	***Anas crecca***		
SE199073	October 2008 - March 2009	field record	BoCC:Amber
Mallard	***Anas platyrhynchos***		
SE199073	October 2008 - March 2009	field record	BoCC:Amber
Pink-Footed Goose	***Anser brachyrhyncus***		
SE199073	October 2008 - March 2009	field record	BoCC:Amber
Meadow Pipit	***Anthus pratensis***		
SE199073	October 2008 - March 2009	field record	BoCC:Amber
SE199073	March 2009 - June 2009	field record	BoCC:Amber
Canada Goose	***Branta canadensis***		
SE199073	October 2008 - March 2009	field record	Sch9_part1

Grid Reference	Date	Record Type	Designations
Dunlin		***Calidris alpina***	
SE193063	01/04/1987	field record	BoCC:Red; WYBAP
SE193063	01/04/1988	field record	BoCC:Red; WYBAP
Lesser Redpoll		***Carduelis cabaret***	
SE199073	March 2009 - June 2009	field record	BoCC:Red; UKBAP; WYBAP
Linnet		***Carduelis cannabina***	
SE1716007530	30/03/2000 - 17/05/2000	field record	BoCC:Red; UKBAP; WYBAP; Kirklees BAP
SE1730007450	30/03/2000 - 17/05/2000	field record	BoCC:Red; UKBAP; WYBAP; Kirklees BAP
SE1738007420	30/03/2000 - 17/05/2000	field record	BoCC:Red; UKBAP; WYBAP; Kirklees BAP
SE1747007500	30/03/2000 - 17/05/2000	field record	BoCC:Red; UKBAP; WYBAP; Kirklees BAP
SE1751007380	30/03/2000 - 17/05/2000	field record	BoCC:Red; UKBAP; WYBAP; Kirklees BAP
SE1921007250	October 2008 - March 2009	field record	BoCC:Red; UKBAP; WYBAP; Kirklees BAP
SE199073	October 2008 - March 2009	field record	BoCC:Red; UKBAP; WYBAP; Kirklees BAP
Goldfinch		***Carduelis carduelis***	
SE199073	March 2009 - June 2009	field record	Kirklees BAP
Twite		***Carduelis flavirostris***	
SE193063	April 1987 - May 1987	field record	BoCC:Red; UKBAP; WYBAP
Stock Dove		***Columba oenas***	
SE199073	October 2008 - March 2009	field record	BoCC:Amber
SE199073	March 2009 - June 2009	field record	BoCC:Amber
Yellowhammer		***Emberiza citrinella***	
SE1711007470	30/03/2000 - 17/05/2000	field record	BoCC:Red; UKBAP; WYBAP
SE1716007530	30/03/2000 - 17/05/2000	field record	BoCC:Red; UKBAP; WYBAP
SE1730007450	30/03/2000 - 17/05/2000	field record	BoCC:Red; UKBAP; WYBAP
SE199073	October 2008 - March 2009	field record	BoCC:Red; UKBAP; WYBAP
SE199073	March 2009 - June 2009	field record	BoCC:Red; UKBAP; WYBAP
Reed Bunting		***Emberiza schoeniclus***	
SE199073	March 2009 - June 2009	field record	BoCC:Amber; UKBAP; WYBAP; Kirklees BAP
SE199073	October 2008 - March 2009	field record	BoCC:Amber; UKBAP; WYBAP; Kirklees BAP
Merlin		***Falco columbarius***	
SE199073	October 2008 - March 2009	field record	Sch1_part1; BoCC:Amber; WYBAP; Kirklees BAP
Kestrel		***Falco tinnunculus***	
SE1933007530	October 2008 - March 2009	field record	BoCC:Amber; WYBAP; Kirklees BAP

Grid Reference	Date	Record Type	Designations
SE199073	October 2008 - March 2009	field record	BoCC:Amber; WYBAP; Kirklees BAP
Pied Flycatcher	***Ficedula hypoleuca***		
SE185064	2002	field record	BoCC:Amber
Snipe	***Gallinago gallinago***		
SE199073	October 2008 - March 2009	field record	BoCC:Amber; Kirklees BAP
Swallow	***Hirundo rustica***		
SE199073	12/05/2009	field record	BoCC:Amber; WYBAP; Kirklees BAP
SE199073	March 2009 - June 2009	field record	BoCC:Amber; WYBAP; Kirklees BAP
Herring Gull	***Larus argentatus***		
SE199073	October 2008 - March 2009	field record	BoCC:Red; UKBAP
Common Gull	***Larus canus***		
SE1929006900	October 2008 - March 2009	field record	BoCC:Amber
SE1947007060	October 2008 - March 2009	field record	BoCC:Amber
SE1983007030	October 2008 - March 2009	field record	BoCC:Amber
SE199073	October 2008 - March 2009	field record	BoCC:Amber
Lesser Black-backed Gull	***Larus fuscus***		
SE193063	01/10/1988	field record	BoCC:Amber
SE199073	October 2008 - March 2009	field record	BoCC:Amber
Glaucous Gull	***Larus hyperboreus***		
SE193063	1987	field record	BoCC:Amber
Great Black-Backed Gull	***Larus marinus***		
SE193063	01/12/1988	field record	BoCC:Amber
Black-Headed Gull	***Larus ridibundus***		
SE1929006900	October 2008 - March 2009	field record	BoCC:Amber
SE199073	October 2008 - March 2009	field record	BoCC:Amber
Curlew	***Numenius arquata***		
SE199073	October 2008 - March 2009	field record	BoCC:Amber; UKBAP; WYBAP; Kirklees BAP
SE199073	March 2009 - June 2009	field record	BoCC:Amber; UKBAP; WYBAP; Kirklees BAP
Whimbrel	***Numenius phaeopus***		
SE193063	1987	field record	Sch1_part1; BoCC:Red

Grid Reference	Date	Record Type	Designations
Willow Warbler		***Phylloscopus trochilus***	
SE199073	March 2009 - June 2009	field record	BoCC:Amber
Green Woodpecker		***Picus viridis***	
SE1731007350	30/03/2000 - 17/05/2000	field record	BoCC:Amber
SE1747007890	30/03/2000 - 17/05/2000	field record	BoCC:Amber
SE1751007380	30/03/2000 - 17/05/2000	field record	BoCC:Amber
Golden Plover		***Pluvialis apricaria***	
SE193063	01/02/1988	field record	BoCC:Amber; WYBAP
SE193063	01/08/1988	field record	BoCC:Amber; WYBAP
SE1937906200	24/07/2009	field record	BoCC:Amber; WYBAP
SE199073	October 2008 - March 2009	field record	BoCC:Amber; WYBAP; Kirklees BAP
Dunnock		***Prunella modularis***	
SE1952007420	October 2008 - March 2009	field record	BoCC:Amber; UKBAP; WYBAP; Kirklees BAP
Bullfinch		***Pyrrhula pyrrhula***	
SE199073	March 2009 - June 2009	field record	BoCC:Amber; UKBAP; WYBAP; Kirklees BAP
Kittiwake		***Rissa tridactyla***	
SE193063	1988	field record	BoCC:Amber
Starling		***Sturnus vulgaris***	
SE1923007400	October 2008 - March 2009	field record	BoCC:Red; UKBAP; WYBAP; Kirklees BAP
SE199073	October 2008 - March 2009	field record	BoCC:Red; UKBAP; WYBAP; Kirklees BAP
Whitethroat		***Sylvia communis***	
SE199073	March 2009 - June 2009	field record	BoCC:Amber
Redshank		***Tringa totanus***	
SE193063	01/04/1988	field record	BoCC:Amber
Redwing		***Turdus iliacus***	
SE1952007420	October 2008 - March 2009	field record	Sch1_part1; BoCC:Red
SE199073	October 2008 - March 2009	field record	Sch1_part1; BoCC:Red
Song Thrush		***Turdus philomelos***	
SE199073	March 2009 - June 2009	field record	BoCC:Red; UKBAP; WYBAP; Kirklees BAP
Fieldfare		***Turdus pilaris***	
SE1952007420	October 2008 - March 2009	field record	Sch1_part1; BoCC:Red
SE199073	October 2008 - March 2009	field record	Sch1_part1; BoCC:Red

Grid Reference	Date	Record Type	Designations
Mistle Thrush		***Turdus viscivorus***	
SE199073	March 2009 - June 2009	field record	BoCC:Amber
Lapwing		***Vanellus vanellus***	
SE1747007500	30/03/2000 - 17/05/2000	field record	BoCC:Red; UKBAP; WYBAP; Kirklees BAP
SE1756007730	30/03/2000 - 17/05/2000	field record	BoCC:Red; UKBAP; WYBAP; Kirklees BAP
SE1767007890	30/03/2000 - 17/05/2000	field record	BoCC:Red; UKBAP; WYBAP; Kirklees BAP
SE1902007710	01/08/2009	field record	BoCC:Red; UKBAP; WYBAP; Kirklees BAP
SE1911006880	October 2008 - March 2009	field record	BoCC:Red; UKBAP; WYBAP
SE1924505269	01/08/2009	field record	BoCC:Red; UKBAP; WYBAP
SE193063	01/10/1988	field record	BoCC:Red; UKBAP; WYBAP
SE1937906200	24/07/2009	field record	BoCC:Red; UKBAP; WYBAP
SE199073	October 2008 - March 2009	field record	BoCC:Red; UKBAP; WYBAP; Kirklees BAP
SE199073	March 2009 - June 2009	field record	BoCC:Red; UKBAP; WYBAP; Kirklees BAP

Flowering Plant

Dyer's Greenweed		***Genista tinctoria***	
SE169067	Unknown	field record	Kirklees BAP
SE174063	Unknown	field record	Kirklees BAP
Bluebell		***Hyacinthoides non-scripta***	
SE174063	03/06/1997	field record	Sch8_sect 13.2; Kirklees BAP

Insect - Butterfly

Wall		***Lasiommata megera***	
SE1907	2004	field record	UKBAP; WYBAP

Terrestrial Mammal

Brown Hare		***Lepus europaeus***	
SE1756007730	30/03/2000 - 17/05/2000	field record	UKBAP; WYBAP; Kirklees BAP
SE193071	08/02/1999	field record	UKBAP; WYBAP; Kirklees BAP
SE194071	03/02/1997	field record	UKBAP; WYBAP; Kirklees BAP
Otter		***Lutra lutra***	
SE199066	16/09/2005	Casualty	Sch5; UKBAP; WYBAP
American Mink		***Mustela vison***	
SE16600676	09/06/2001	Spraint	Sch9_part1
Common Pipistrelle		***Pipistrellus pipistrellus***	
SE183065	23/09/2002	field record	Sch5; WYBAP

Grid Reference	Date	Record Type	Designations
SE2013806461	25/07/2009	aural bat detector	Sch5; WYBAP; Kirklees BAP

Vesper Bat species		*Vespertilionidae*	
SE17280507	27/04/2000	field record	Sch5

2.1 SENSITIVE SPECIES RECORDS

2.1.1 Badgers

There is known badger activity in this area.

Badgers are protected under the Protection of Badgers Act 1992 and offences can result from both reckless and deliberate damage, disturbance or destruction.

3 Designated sites

3.1 INTERNATIONALLY DESIGNATED SITE

3.1.1 Special Protection Areas

There are no Special Protection Areas within your search area.

3.1.2 Special Areas of Conservation

There are no Special Areas of Conservation within your search area.

3.2 NATIONALLY DESIGNATED SITES

3.2.1 Sites of Special Scientific Interest

There are no Sites of Special Scientific Interest within the search area.

3.3 LOCALLY DESIGNATED SITES

3.3.1 Sites of Scientific Interest

There are no second tier sites (SSI) occurring within the search area.

3.3.2 Local Nature Reserves

There are no Local Nature Reserves (LNR) within your search area.

3.3.3 Kirklees – Sites of Wildlife Significance

Kirklees – Sites of Wildlife Significance (SWS) are sites of local or 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. Sites recorded include:

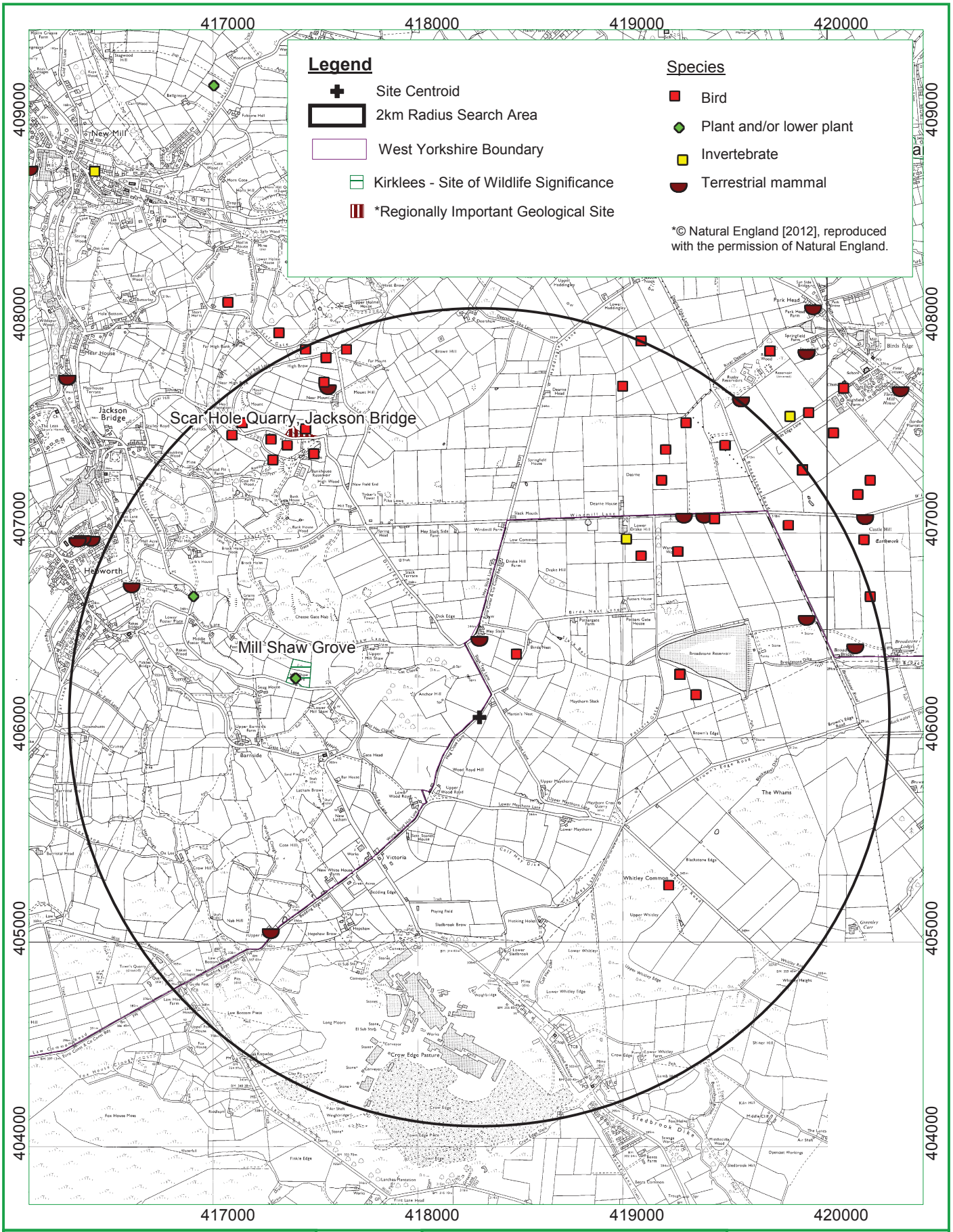
- Mill Shaw Grove

3.3.4 Regionally Important Geological Sites

There is Regionally Important Geological Site (RIGS) within your search area, namely Scar Hole Quarry, Jackson Bridge. RIGS are areas identified as being important for their geological features. More details of this or other RIGS sites can be obtained from the West Yorkshire Geology Trust (team@wyorksgeologytrust.org).

RIGS citations are provided in Appendix B.

Figure 1 – Species and Designated Sites



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metres
0 500 1000

N
W E
S

Scale 1:25000
At Size A4

West Yorkshire Ecology
West Yorkshire Joint Services

FIGURE 1: SPECIES & DESIGNATED SITES

Registry of Deeds, Newstead Road, Wakefield, WF1 2DE Ph/Fax: 01924 306 793 Email: ecology@wyjs.org.uk Licence No LA 076406, © WYE

Appendix A. Explanation of Species Designations

Wildlife and Countryside Act 1981 – 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	• disturb any specially protected bird while it is building its nest; • disturb any specially protected bird while it is near a nest containing eggs or young; or • disturb 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	Schedule 5	Animals which are protected	• intentional or reckless killing, injuring, taking; • damage to, destruction of, obstruction of access to any structure or place used by a scheduled animal for shelter or protection; and • disturbance of animal occupying such a structure or place.
Sch5_sect9.1	Schedule 5, Section 9(1)	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_sect9.5	Schedule 5, Section 9(5)	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 fully protected	• pick, uproot, trade in, or possess (for the purposes of trade).
Sch8_sect 13.2 (sale only)	Schedule 8, Sections 13(2a+2b)	Plants which are protected from sale only	• 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
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: *Tyto alba* refers to captive bred only.
Sch9_part2	Schedule 9, Part 2	Plants which are established in the wild.	

Biodiversity Action Plans

Abbreviation	Full Name
UKBAP	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

Birds of Conservation Concern (BOCC) 2009

List	Description
Red	High conservation concern
Amber	Medium conservation concern

Red Data Book Categories (Based on ICUN Guidelines)

Abbreviation	Full Name
EX	Extinct
EW	Extinct in the Wild
CR	Critically Endangered
VU	Vulnerable
NT	Near Threatened
LC	Least Concern
DD	Data Deficient
NE	Not Evaluated

Nationally Notable Invertebrates:

Abbreviation	Full Name	Description
NR	Nationally Rare	found in 15 or fewer hectads
Notable or NS	Nationally Notable or Nationally Scarce	found in between 16 and 100 hectads
Notable A	Nationally Notable A	found in 16 to 30 hectads
Notable B	Nationally Notable B	found in between 31 and 100 hectads

References

Biodiversity Reporting and Information Group, (2007) *Report on the Species and Habitat Review*, UK Biodiversity Partnership. http://www.ukbap.org.uk/.

Bratton, J.H. (ed), (1991) *British Red Data Books: 3. Invertebrates other than insects*. JNCC, Peterborough.

BTO, et al (2009) *The Birds of Conservation Concern 3.* British Trust for Ornithology. http://www.bto.org/psob/index.htm.

Calderdale Biodiversity Action Plan Technical Group (2008) *Calderdale Local Biodiversity Plan: Review of Species and habitats*, Calderdale Biodiversity Action Plan Technical Group, Calderdale.

Cheffings, C. and Farrell, L. (Editors), (2005*) The Vascular Plant Red Data List for Great Britain*, ISSN 1473-0154.

City of Bradford MDC, (2003), *A Local Biodiversity Action Plan for the Bradford District (Draft)*, City of Bradford MDC, Bradford.

IUCN, (2004) *Guidelines for using the IUCN. Red List categories and criteria*. IUCN,. Gland and Cambridge

J. C. Lavin & G.T.D. Wilmore (1994) , The West Yorkshire Plant Atlas, City of Bradford Metropolitan Council, Bradford.

Kirklees Metropolitan Council (2008) *Kirklees Biodiversity Action Plan*, Kirklees Metropolitan Council, Kirklees.

Leeds BAP Steering Group, (2000) *Biodiversity Action Plan For Leeds*, Leeds City Council, Leeds.

Shirt, D. B. (Ed.), (1987) *British Red Data Books : 2 : Insects.* Peterborough: NCC.

Wakefield Biodiversity Group, (2001) *Wakefield District Local Biodiversity Report*, Wakefield MDC, Wakefield.

West Yorkshire Biodiversity Action Partnership (2009), *West Yorkshire Priority Species List*, West Yorkshire Ecology, Wakefield.

Appendix B. Designated Site Citations

Scar Hole Quarry, Jackson Bridge

STATUS: Local Geological Site
OTHER DESIGNATIONS:
COUNTY: West Yorkshire
DISTRICT: Kirklees
OS GRID REF. SE 175 074
OS 1:50,000 Landranger 110 Sheffield and Huddersfield
OS 1:25,000 Explorer 288 Bradford and Huddersfield
BGS 1:50,000 Sheet 86 Glossop
FIRST DESIGNATED by West Yorkshire RIGS Group in 1996
DATE OF MOST RECENT SURVEY
SCIENTIFIC INFORMATION produced by Ian Chisholm
DESIGNATION SHEET UPDATED August 2009

SITE DESCRIPTION:
The quarry site has several 10/12m high faces, with spoil heaps below each face. The escarpment overlooking the Holme Valley is capped by Upper Carboniferous Greenmoor Rock which is exposed here. There are many interesting sedimentary structures, including different types of bedding and ripple marks, showing that these rocks were deposited in shallow water environments.

HISTORICAL ASSOCIATIONS:
The slopes below are made from Coal Measures shales and silts and have some coal seams that were productive until the 1950s. There are capped shafts and spoil heaps in the fields nearby, which can be reached by footpaths below Scar Hole quarry.

EDUCATIONAL VALUE:
The quarry is suitable for more advanced groups to study depositional environments.

AESTHETIC CHARACTERISTICS:
There are fine views over the Upper Holme Valley toward Holme Moss, with views to the north over the Huddersfield district.
The quarry face is sometimes subject to rubbish tipping and to graffiti.

ACCESS AND SAFETY:
There is limited parking for three cars in quarry entrance adjacent to Scar End Lane. Care is required on sloping ground surrounding site. The main quarry faces are easily visible from a wheelchair in the car park, but the faces away from the road are not accessible. Hard hats should be worn if the face is approached.

OWNERSHIP:
Not known

MANAGEMENT AND INTERPRETATION:
The quarry has been used as part of a walk along the Greenmoor escarpment towards Cheese Gate Nab to show how the landscapes of the Huddersfield district relate to the geology

SCIENTIFIC IMPORTANCE:
Exposures of Greenmoor Rock are revealed in a quarried exposure exhibiting a range of sedimentary features including channel sandstones, sheet sandstones and mudflat facies.
The buttresses adjacent to the main quarry face reveal a 12m deep sandstone filled channel cutting through argillaceous facies into the underlying massive sandstones.

The site contains large ferruginous nodules, with a particularly fine eroded specimen at ground level. Sedimentary structures include ripple marks, jointing, pebble horizons and some trace fossils.

REFERENCES:

H. G. Davies, *Geological Excursions in the Sheffield Region*. This account can be used for the detailed description of Scar Hole Quarry. However, it gives a wrong interpretation for the relationship between Elland Flags & Greenmoor Rock, which is corrected in the latest Huddersfield BGS map Sheet 77.

Addison, R., Waters, C.N., and Chisholm, J.I. 2005 *Geology of the Huddersfield District* Sheet description of the British Geological Survey, 1:50,000 Series Sheet 77 Huddersfield

C. E. N. Bromehead, W. Edwards, D. A. Wray and J. V. Stephens, 1933 *The geology of the country around Holmfirth and Glossop* Memoir of the Geological Survey p80

Huddersfield Geology Group 1998 *Rocks and Landscapes of Huddersfield*