



ECOLOGICAL RECORDS SEARCH

FOR

MAYTHORNE, UPPER MAYTHORN LANE, HOLMFIRTH

Ref No:- 20101118 K263 EB

Date: 19th November 2010

Prepared For Dean Staveley

Newgen



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1 Introduction

This report provides a summary of the protected and notable species, habitats and designated sites information held by West Yorkshire Ecology (WYE) within 2km of grid reference SE1841005800.

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
<u>Bird</u>			
Common Sandpiper SE193063	01/04/1988	<i>Actitis hypoleucos</i> field record	BoCC:Amber
Dunlin SE193063 SE193063	01/04/1987 01/04/1988	<i>Calidris alpina</i> field record field record	BoCC:Red; WYBAP BoCC:Red; WYBAP
Linnet SE1730007450 SE1738007420 SE1747007500 SE1751007380	30/03/2000 - 17/05/2000 30/03/2000 - 17/05/2000 30/03/2000 - 17/05/2000 30/03/2000 - 17/05/2000	<i>Carduelis cannabina</i> field record field record field record field record	BoCC:Red; UKBAP; WYBAP; Kirklees BAP BoCC:Red; UKBAP; WYBAP; Kirklees BAP BoCC:Red; UKBAP; WYBAP; Kirklees BAP BoCC:Red; UKBAP; WYBAP; Kirklees BAP
Twite SE193063	April 1987 - May 1987	<i>Carduelis flavirostris</i> field record	BoCC:Red; UKBAP; WYBAP
Yellowhammer SE1730007450	30/03/2000 - 17/05/2000	<i>Emberiza citrinella</i> field record	BoCC:Red; UKBAP; WYBAP
Pied Flycatcher SE185064	2002	<i>Ficedula hypoleuca</i> field record	BoCC:Amber
Lesser Black-backed Gull SE193063	01/10/1988	<i>Larus fuscus</i> field record	BoCC:Amber
Glaucous Gull SE193063	1987	<i>Larus hyperboreus</i> field record	BoCC:Amber
Great Black-Backed Gull SE193063	01/12/1988	<i>Larus marinus</i> field record	BoCC:Amber

Grid Reference	Date	Record Type	Designations
Whimbrel SE193063	1987	<i>Numenius phaeopus</i> field record	Sch1_part1; BoCC:Red
Green Woodpecker SE1731007350 SE1751007380	30/03/2000 - 17/05/2000 30/03/2000 - 17/05/2000	<i>Picus viridis</i> field record field record	BoCC:Amber BoCC:Amber
Golden Plover SE193063 SE193063	01/08/1988 01/02/1988	<i>Pluvialis apricaria</i> field record field record	BoCC:Amber; WYBAP BoCC:Amber; WYBAP
Kittiwake SE193063	1988	<i>Rissa tridactyla</i> field record	BoCC:Amber
Redshank SE193063	01/04/1988	<i>Tringa totanus</i> field record	BoCC:Amber
Lapwing SE1747007500 SE193063	30/03/2000 - 17/05/2000 01/10/1988	<i>Vanellus vanellus</i> field record field record	BoCC:Red; UKBAP; WYBAP; Kirklees BAP BoCC:Red; UKBAP; WYBAP
<u>Flowering Plant</u>			
Dyer's Greenweed SE169067 SE174063	Unknown Unknown	<i>Genista tinctoria</i> field record field record	Kirklees BAP Kirklees BAP
Bluebell SE174063	03/06/1997	<i>Hyacinthoides non-scripta</i> field record	Sch8_sect 13.2; Kirklees BAP
<u>Insect - Butterfly</u>			
Wall SE1907	2004	<i>Lasiommata megera</i> field record	UKBAP; WYBAP
<u>Terrestrial Mammal</u>			
Brown Hare SE193071 SE194071	08/02/1999 03/02/1997	<i>Lepus europaeus</i> field record field record	UKBAP; WYBAP; Kirklees BAP UKBAP; WYBAP; Kirklees BAP
Otter SE199066	16/09/2005	<i>Lutra lutra</i> Casualty	Sch5; UKBAP; WYBAP
Common Pipistrelle SE183065	23/09/2002	<i>Pipistrellus pipistrellus</i> field record	Sch5; WYBAP
Vesper Bat species SE17280507	27/04/2000	<i>Vespertilionidae</i> 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 Habitats

3.1 UK PRIORITY HABITATS

Natural England (English Nature) creates, maintains and publishes priority habitat inventories across the UK. These have been reproduced on Figure 2 with permission from Natural England. The terms of use for Natural England's Information and Data can be found at the following web site: <http://www.naturalengland.org.uk/copyright/>.

The habitats identified within the search area are upland heathland, wet woodland and lowland dry acid grassland. Ancient and semi-natural woodland is also present within the search area.

4 Designated sites

4.1 INTERNATIONALLY DESIGNATED SITE

4.1.1 Special Protection Areas

There are no Special Protection Areas within your search area.

4.1.2 Special Areas of Conservation

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

4.2 NATIONALLY DESIGNATED SITES

4.2.1 Sites of Special Scientific Interest

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

4.3 LOCALLY DESIGNATED SITES

4.3.1 Sites of Scientific Interest

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

4.3.2 Local Nature Reserves

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

4.3.3 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

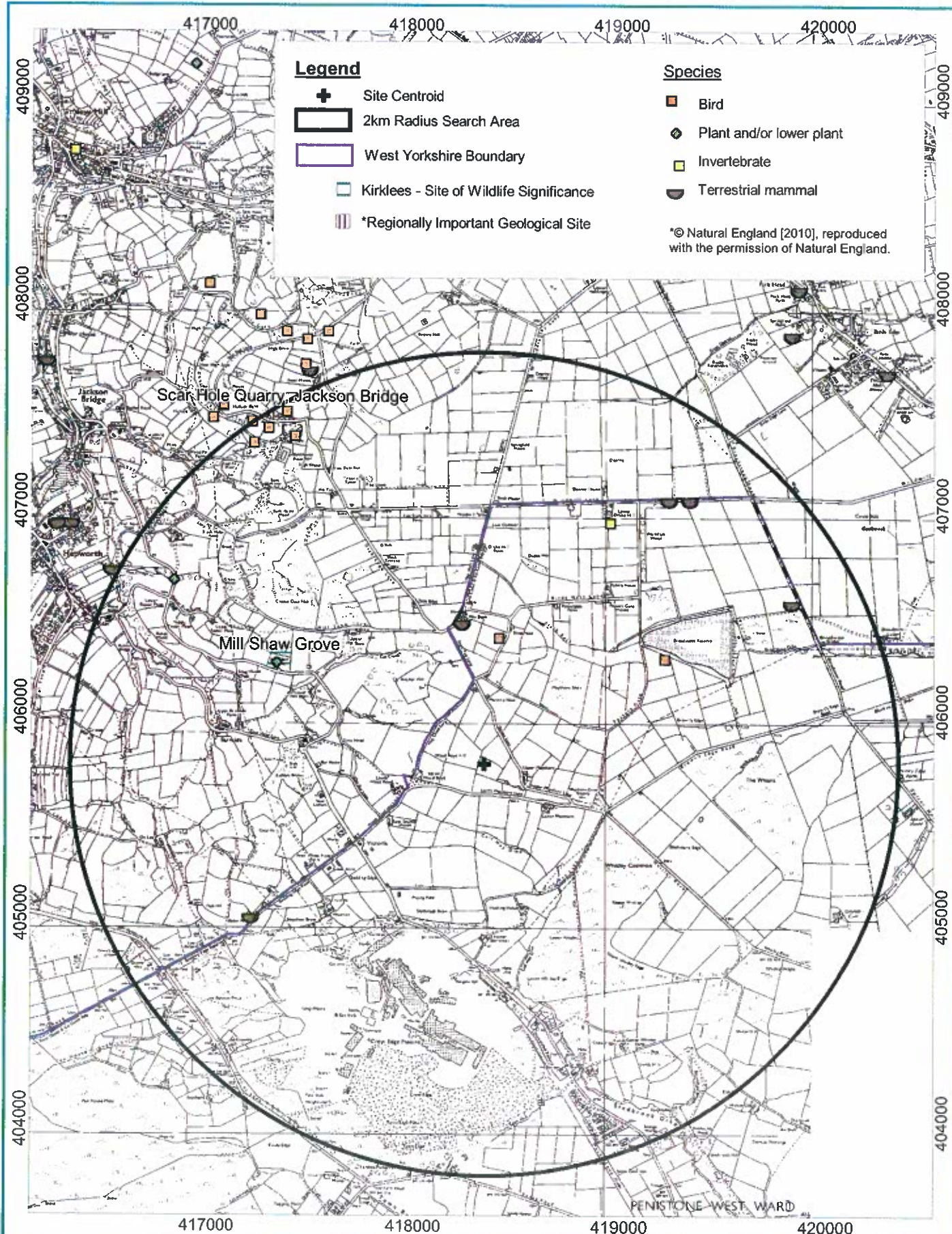
4.3.4 Regionally Important Geological Sites

There is 1 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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Scale 1: 25000
At Size A4

metres
0 500 1000



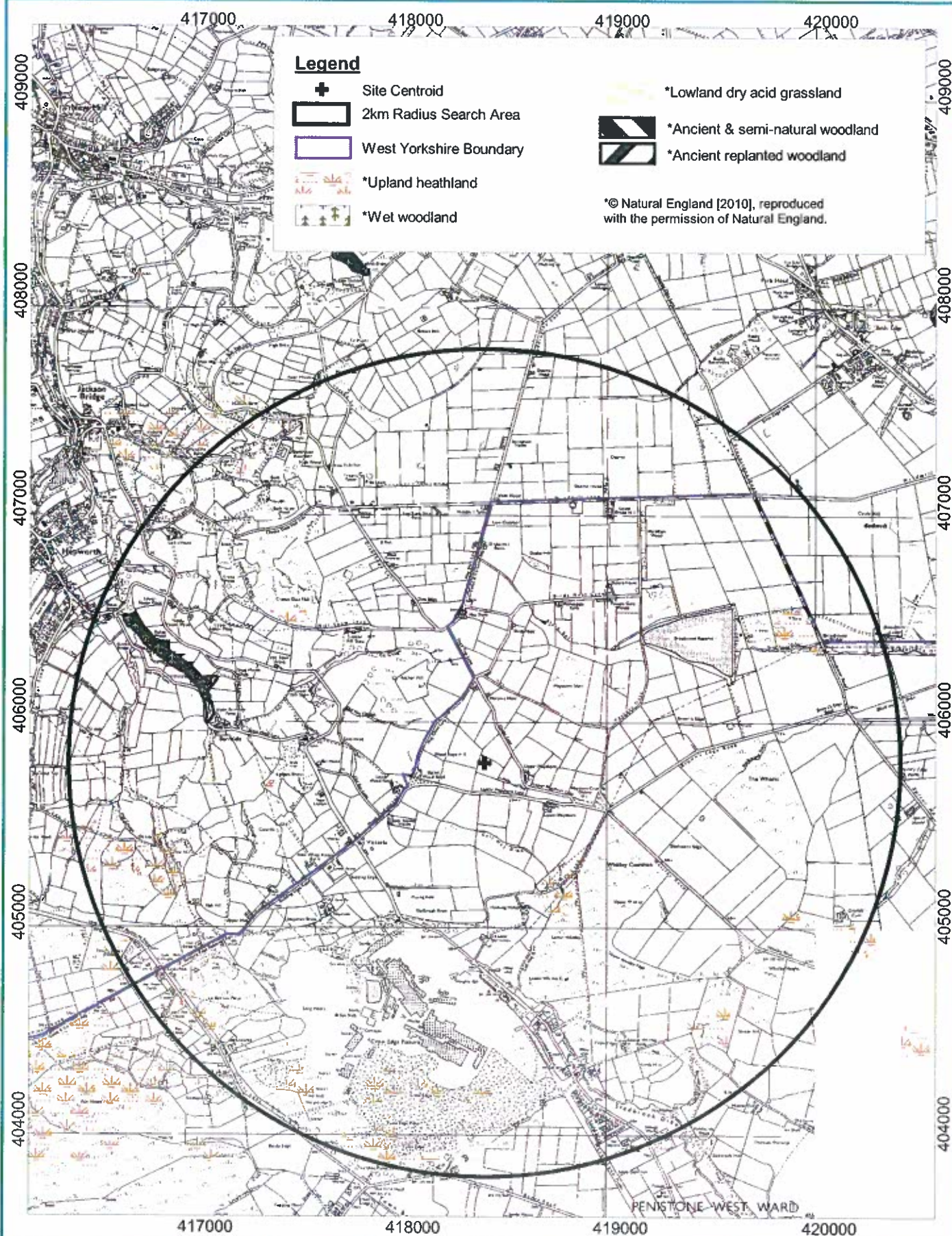
West Yorkshire
Ecology

West Yorkshire Joint Services

**FIGURE 1:
SPECIES &
DESIGNATED
SITES**

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Figure 2 – UK Priority Habitats



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Scale 1: 25000
At Size A4

metres
0 500 1000



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**FIGURE 2:
UK PRIORITY
HABITATS**

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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	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> intentional killing, injuring and/or taking <p>NB: certain species are only partly protected by this section. Check primary legislation for details.</p>
Sch5_sect9.5	Schedule 5, Section 9(5)	Animals which are protected from sale	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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.	<ul style="list-style-type: none"> 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. <p>NB: <i>Tyto alba</i> refers to captive bred only.</p>
Sch9_part2	Schedule 9, Part 2	Plants which are established in the wild.	

Biodiversity Action Plans

Abbreviation

UKBAP
WYBAP
Bradford BAP
Calderdale BAP
Kirklees BAP
Leeds BAP
Wakefield BAP

Full Name

UK Biodiversity Action Plan
West Yorkshire Priority Species List
Bradford Biodiversity Action Plan
Calderdale Biodiversity Action Plan
Kirklees Biodiversity Action Plan
Leeds Biodiversity Action Plan
Wakefield Biodiversity Action Plan

Birds of Conservation Concern (BOCC) 2009

List

Red
Amber

Description

High conservation concern
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.

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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.

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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*

