



## Biodiversity Report

Site: Charlbury

TVERC Ref: TVERC/17/475

Prepared for: Charlbury Town Council

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By Thames Valley Environmental Records Centre



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## TERMS AND CONDITIONS

The copyright for this document and the information provided is retained by Thames Valley Environmental Records Centre. The copyright for some of the species data will be held by a recording group or individual recorder. Where this is the case, and the group or individual providing the data is known, the data origin will be given in the species table.

TVERC must be acknowledged if any part of this report or data derived from it is used in a report. The whole document may be used as an appendix within your report.

The data in this report can only be used for the project for which it was requested. It cannot be passed on to third parties without permission of TVERC (this excludes reports presented to clients and Local Authorities).

The data should be considered valid for a maximum 12 months from the date on the cover of this report. If the data is to be used after that time an update should be requested. The data must not be added to any permanent database system.

The absence of any species or habitat data for any site, area or location does not mean that any species or habitat is not present.

## MAPS

To reproduce the Ordnance Survey mapping you must hold a relevant licence for the use of Ordnance Survey mapping or it can be copied at a printers or copyshop that holds a licence to carry out search work (see the Ordnance Survey website).

## DATA STATEMENTS

### STATEMENT ON OXFORDSHIRE BAT GROUP DATA

TVERC has agreed an exchange of data with Oxfordshire Bat Group (OBG) which enables us to provide records belonging to them with the grid reference given to 1 km precision. Such records are indicated by the term "Confidential, refer to OBG for further details" in the location column and OBG in the data origin column of the species table. Enquirers are recommended to contact OBG for further information.

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### STATEMENT ON BIRD RECORDS IN OXFORDSHIRE (DATA MARKED AS OOS" IN THE DATA ORIGIN COLUMN

The majority of bird records in Oxfordshire, except those in the north of the county, have been provided by the Oxford Ornithological Society. Such records have a value of OOS in the data origin column . Please note that:

- a. Not all species are subject to the same degree of recording; the absence of records of a species in a given geographical area does not necessarily indicate absence of that species.
- b. Not all parts of the county are subject to the same degree of recording; the absence of records for a given area does not necessarily indicate the absence of bird species.
- c. Records of species regarded as sensitive have been provided with reduced information about location. Any requests for more precise information about the location of such "confidential" sites should be addressed directly to OOS ([www.oos.org.uk](http://www.oos.org.uk)) You can use the following email contacts [chairman@oos.org.uk](mailto:chairman@oos.org.uk) (the chairman) and [ian@recorder.fsnet.co.uk](mailto:ian@recorder.fsnet.co.uk) (the county bird recorder).

### STATEMENT ON WILDLIFE TRUST WATER VOLE DATA

Since 2008 data has been collected as positive or negative sections of watercourses. Positive sections crossing into search areas are included within the data. These are shown with the central grid reference for the stretch of watercourse. This may fall outside the search area but the stretch will be at least partly within the search area. The location information shows the beginning and end points of the stretch of watercourse.

## USE OF NBN GATEWAY DATA

Commercial organisations and members of the public may refer to the National Biodiversity Network (NBN) Gateway for wildlife records and habitat and designated site information for their own private use.

The NBN Gateway's Terms and Conditions state "*You may not republish wholesale the material, data and/or information made available to you, or exploit it for commercial or academic research purposes without first obtaining written permission from the relevant data provider*". This means that environmental consultants cannot use NBN data in ecology reports for planning applications unless they have obtained written permission from all the data providers. If NBN Gateway data are also provided for this project please make sure that the NBN Gateway's terms and conditions are followed precisely.

The National Planning Policy Framework states that "planning policies and decisions should be based on up-to date information about the natural environment and other characteristics of the area". The NBN Gateway does not hold the most up-to-date, comprehensive or highest resolution information on protected and notable species, local sites or habitats in Berkshire and Oxfordshire.

TVERC have advised planning authorities in Berkshire and Oxfordshire that ecology reports using only NBN data should not usually be validated and the NBN has requested that suspected breaches of NBN terms and conditions are reported to the NBN Data Access Officer, who will take appropriate action. Further detail is available on our website: <http://www.tverc.org/cms/content/ecological-survey-reports-planning-applications>.

## STATEMENT ON GRID REFERENCES

The following types of grid references are provided:

- Six figure grid references. Many of these will be an assigned relatively central grid reference for a site though with small sites the assigned grid reference for a site could be close to the edge. The record may have come from anywhere within the site. Where additional location information is provided the reference may be more accurate or central to a subsite within the larger site. Where the location is not site based, the grid reference should be within 100 metres of the location.
- Four figure grid references. Generally these are 1km square records often with some location information to give an idea of which part of the 1km square the record was found. Sometime this information can be quite accurate. Where a large site is referred to the location should be in that part of the 1km square that is within the site. In some case these may be tetrad records with grid reference referring to a 2km x 2km square. This includes some confidential records from Oxford Ornithological Society. Other tetrad data is rarely included.
- Eight and ten figure grid references: These are generally accurately worked out to the location where the species was found. However for small and narrow sites eight figure grid references may be used as a central grid reference for a site.

- TVERC intends to start tagging data to qualify these grid references but at present only a limited amount of qualification is provided. 1km square records are tagged as 1km record and 2km square records are tagged as 2km record.

Taxon Name	Common Name	Abundance / Sex / Stage	Date	Grid Ref.	Grid Ref. Qualifier	Location	Type of Record	Data Origin	European Directives	UK Legislation	NERC s41	Other Designations
<b>Amphibians</b>												
<i>Palmate Newt</i>	<i>Lissotriton helveticus</i>	5 Adults	16/04/2015	SP36491946		Blenheim Farm	field record	BBOWT		WACA-Sch5-s9.5a		
<i>Palmate Newt</i>	<i>Lissotriton helveticus</i>	1 Female	27/04/2014	SP36491946		Blenheim Farm	field record	BBOWT		WACA-Sch5-s9.5a		
<i>Palmate Newt</i>	<i>Lissotriton helveticus</i>	6 Adults	03/04/2016	SP36491946		Blenheim Farm	field record	BBOWT		WACA-Sch5-s9.5a		
<i>Smooth Newt</i>	<i>Lissotriton vulgaris</i>	1	02/07/2010	SP3647219454		Blenheim Farm	field record	BBOWT		WACA-Sch5-s9.5a		
<i>Great Crested Newt</i>	<i>Triturus cristatus</i>	1	30/04/2005	SP360189		Garden pond on Sturt Rd, Charlbury		MOP	HabDir-A2np HabDir-A4	HabReg-Sch2 WACA-Sch5-s9.4b/s9.4c/s9.5a	NERC-S41	
<i>Common Toad</i>	<i>Bufo bufo</i>	1	02/07/2010	SP3647219454		Blenheim Farm	field record	BBOWT		WACA-Sch5-s9.5a	NERC-S41	
<i>Common Toad</i>	<i>Bufo bufo</i>	30 Adults	03/04/2016	SP36491946		Blenheim Farm	field record	BBOWT		WACA-Sch5-s9.5a	NERC-S41	
<i>Common Toad</i>	<i>Bufo bufo</i>	1 Spawn	03/04/2016	SP36491946		Blenheim Farm	field record	BBOWT		WACA-Sch5-s9.5a	NERC-S41	
<i>Common Toad</i>	<i>Bufo bufo</i>	2 Adults	16/04/2015	SP36491946		Blenheim Farm	field record	BBOWT		WACA-Sch5-s9.5a	NERC-S41	
<i>Common Toad</i>	<i>Bufo bufo</i>	100' Spawn	16/04/2015	SP36491946		Blenheim Farm	field record	BBOWT		WACA-Sch5-s9.5a	NERC-S41	
<i>Common Toad</i>	<i>Bufo bufo</i>	1 Adult	29/09/2008	SP36491946		Blenheim Farm		BBOWT		WACA-Sch5-s9.5a	NERC-S41	
<i>Common Frog</i>	<i>Rana temporaria</i>	1	24/06/2009	SP35532155		Taston Brook and Springs		OLWS	HabDir-A5	WACA-Sch5-s9.5a		
<i>Common Frog</i>	<i>Rana temporaria</i>	1	22/08/2006	SP35542157		Taston Brook and Springs		OLWS	HabDir-A5	WACA-Sch5-s9.5a		
<i>Common Frog</i>	<i>Rana temporaria</i>	1	02/07/2010	SP3647219454		Blenheim Farm	field record	BBOWT	HabDir-A5	WACA-Sch5-s9.5a		
<i>Common Frog</i>	<i>Rana temporaria</i>	1 Adult	30/07/2009	SP36491946		Blenheim Farm		BBOWT	HabDir-A5	WACA-Sch5-s9.5a		
<i>Common Frog</i>	<i>Rana temporaria</i>	100' Spawn	16/04/2015	SP36491946		Blenheim Farm	field record	BBOWT	HabDir-A5	WACA-Sch5-s9.5a		
<i>Common Frog</i>	<i>Rana temporaria</i>	1 Spawn	03/04/2016	SP36491946		Blenheim Farm	field record	BBOWT	HabDir-A5	WACA-Sch5-s9.5a		
<b>Birds</b>												
<i>Tufted Duck</i>	<i>Aythya fuligula</i>	1 Male	29/04/2006	SP3421	1 km record	Spelsbury	field record	OOS				Bird-Amber
<i>Red Kite</i>	<i>Milvus milvus</i>		2012 - 2013	SP359201		Wigwell Meadow Clary Site		LN	BirdsDir-A1	WACA-Sch1-p1		Bird-Amber RL-Global-post2001-NT
<i>Kestrel</i>	<i>Falco tinnunculus</i>	2	20/02/2000	SP3320	1 km record	Shorthampton	field record	OOS				Bird-Amber
<i>Kestrel</i>	<i>Falco tinnunculus</i>	1	22/04/2003	SP3420	1 km record	Spelsbury	field record	OOS				Bird-Amber
<i>Kestrel</i>	<i>Falco tinnunculus</i>	1 Individual	09/07/2005	SP36491946		Blenheim Farm		BBOWT				Bird-Amber
<i>Hobby</i>	<i>Falco subbuteo</i>	1	01/07/2004	SP31P		Confidential, refer to OOS for further details	field record	OOS		WACA-Sch1-p1		
<i>Lapwing</i>	<i>Vanellus vanellus</i>	80 Individuals	01/01/2006	SP3421	1 km record	Spelsbury	field record	OOS			NERC-S41	Bird-Red
<i>Lapwing</i>	<i>Vanellus vanellus</i>	1 Individual	29/04/2006	SP3421	1 km record	Spelsbury	field record	OOS			NERC-S41	Bird-Red
<i>Stock Dove</i>	<i>Columba oenas</i>	29 Individuals	17/03/2006	SP3520	1 km record	Charlbury	field record	OOS				Bird-Amber
<i>Turtle Dove</i>	<i>Streptopelia turtur</i>	1	26/07/2001	SP340198		Charlbury	field record	OOS			NERC-S41	Bird-Red
<i>Turtle Dove</i>	<i>Streptopelia turtur</i>		1977 - 1987	SP348201		Oxfordshire Way Green Lane	field record	BBOWT			NERC-S41	Bird-Red
<i>Turtle Dove</i>	<i>Streptopelia turtur</i>	1	04/06/2000	SP3519	1 km record	Charlbury	field record	OOS			NERC-S41	Bird-Red
<i>Cuckoo</i>	<i>Cuculus canorus</i>	1	02/06/2001	SP3519	1 km record	Charlbury	field record	OOS			NERC-S41	Bird-Red
<i>Cuckoo</i>	<i>Cuculus canorus</i>	1	10/06/2001	SP3519	1 km record	Charlbury	field record	OOS			NERC-S41	Bird-Red
<i>Barn Owl</i>	<i>Tyto alba</i>	1	16/03/2001	SP31J	1 km record	Confidential, refer to OOS for further details	field record	OOS		WACA-Sch1-p1		Bird-Amber
<i>Barn Owl</i>	<i>Tyto alba</i>	1	01/02/1999	SP31P	1 km record	Confidential, refer to OOS for further details	field record	OOS		WACA-Sch1-p1		Bird-Amber
<i>Barn Owl</i>	<i>Tyto alba</i>	1	29/12/2001	SP31P	1 km record	Confidential, refer to OOS for further details	field record	OOS		WACA-Sch1-p1		Bird-Amber
<i>Barn Owl</i>	<i>Tyto alba</i>	1	12/02/2001	SP31P	1 km record	Confidential, refer to OOS for further details	field record	OOS		WACA-Sch1-p1		Bird-Amber
<i>Barn Owl</i>	<i>Tyto alba</i>	1	16/03/2000	SP31P		Confidential, refer to OOS for further details	field record	OOS		WACA-Sch1-p1		Bird-Amber
<i>Barn Owl</i>	<i>Tyto alba</i>	1	14/01/2001	SP31U		Confidential, refer to OOS for further details	field record	OOS		WACA-Sch1-p1		Bird-Amber
<i>Barn Owl</i>	<i>Tyto alba</i>	1	21/03/2001	SP32F	1 km record	Confidential, refer to OOS for further details	field record	OOS		WACA-Sch1-p1		Bird-Amber
<i>Barn Owl</i>	<i>Tyto alba</i>	1	01/04/2000	SP32F	1 km record	Confidential, refer to OOS for further details	field record	OOS		WACA-Sch1-p1		Bird-Amber
<i>Barn Owl</i>	<i>Tyto alba</i>	1	10/03/2000	SP32Q		Confidential, refer to OOS for further details	field record	OOS		WACA-Sch1-p1		Bird-Amber
<i>Barn Owl</i>	<i>Tyto alba</i>	1 Individual	16/03/2006	SP32Q	1 km record	Confidential, refer to OOS for further details	field record	OOS		WACA-Sch1-p1		Bird-Amber

Taxon Name	Common Name	Abundance / Sex / Stage	Date	Grid Ref.	Grid Ref. Qualifier	Location	Type of Record	Data Origin	European Directives	UK Legislation	NERC s41	Other Designations
<i>Barn Owl</i>	<i>Tyto alba</i>	1 Individual	17/02/2006	SP32Q	1 km record	Confidential, refer to OOS for further details	field record	OOS		WACA-Sch1-p1		Bird-Amber
<i>Barn Owl</i>	<i>Tyto alba</i>	1 Individual	01/03/2006	SP32Q	1 km record	Confidential, refer to OOS for further details	field record	OOS		WACA-Sch1-p1		Bird-Amber
<i>Barn Owl</i>	<i>Tyto alba</i>		2012 - 2013	SP359201		Wigwell Meadow Clary Site		LN		WACA-Sch1-p1		Bird-Amber
<i>Barn Owl</i>	<i>Tyto alba</i>	1 Adult	16/05/2012	SP37321889		B4437 near Lee's Rest (east of Charlbury)	field record	LN		WACA-Sch1-p1		Bird-Amber
<i>Swift</i>	<i>Apus apus</i>	10 Adults	12/07/2013	SP35561960		Dyers Hill, Charlbury	Flying	RSPB				Bird-Amber
<i>Swift</i>	<i>Apus apus</i>	10 Adults	22/07/2013	SP35561960		Dyers Hill, Charlbury	Flying	RSPB				Bird-Amber
<i>Swift</i>	<i>Apus apus</i>	10 Adults	16/07/2013	SP35561960		Dyers Hill, Charlbury	Flying	RSPB				Bird-Amber
<i>Swift</i>	<i>Apus apus</i>	10 Adults	15/07/2013	SP35561960		Dyers Hill, Charlbury	Flying	RSPB				Bird-Amber
<i>Swift</i>	<i>Apus apus</i>	5 Adults	25/06/2013	SP35621932		Park Street, Charlbury	Flying	RSPB				Bird-Amber
<i>Swift</i>	<i>Apus apus</i>	6 Adults	15/06/2012	SP35621932		Park Street, Charlbury	Flying	RSPB				Bird-Amber
<i>Swift</i>	<i>Apus apus</i>	20 Adults	01/01/2011-31/12/2011	SP3566719418		Gothic House, Church Street, Charlbury	Flying	RSPB				Bird-Amber
<i>Swift</i>	<i>Apus apus</i>	6 Nests	01/01/2011-31/12/2011	SP3566719418		Gothic House, Church Street, Charlbury	field record	RSPB				Bird-Amber
<i>Swift</i>	<i>Apus apus</i>	6 Nests	01/01/2011-31/12/2011	SP3566719418		Gothic House, Church Street, Charlbury	field record	RSPB				Bird-Amber
<i>Swift</i>	<i>Apus apus</i>	8 Adults	01/01/2011-31/12/2011	SP35811939		Sheep Street, Charlbury	Flying	RSPB				Bird-Amber
<i>Swift</i>	<i>Apus apus</i>	25 Adults	01/01/2011-31/12/2011	SP35841932		Hixet Wood, Charlbury	Flying	RSPB				Bird-Amber
<i>Swift</i>	<i>Apus apus</i>	1 Nest	01/01/2011-31/12/2011	SP35841932		Hixet Wood, Charlbury	field record	RSPB				Bird-Amber
<i>Swift</i>	<i>Apus apus</i>	1 Nest	01/01/2011-31/12/2011	SP35881924		Hixet Wood, Charlbury	field record	RSPB				Bird-Amber
<i>Swift</i>	<i>Apus apus</i>	30 Adults	01/06/2012	SP35901970		Enstone Road, Charlbury	Flying	RSPB				Bird-Amber
<i>Swift</i>	<i>Apus apus</i>	16 Nests	01/06/2012	SP35901970		Enstone Road, Charlbury	field record	RSPB				Bird-Amber
<i>Swift</i>	<i>Apus apus</i>	15 Adults	01/01/2007-31/12/2007	SP36031918		OX7 3SE (Woodfield Drive, Charlbury)	Flying	RSPB				Bird-Amber
<i>Kingfisher</i>	<i>Alcedo atthis</i>	2	31/03/1999	SP31P		Confidential, refer to OOS for further details	field record	OOS	BirdsDir-A1	WACA-Sch1-p1		Bird-Amber
<i>Kingfisher</i>	<i>Alcedo atthis</i>	1 Individual	06/12/2006	SP32K	1 km record	Confidential, refer to OOS for further details	field record	OOS	BirdsDir-A1	WACA-Sch1-p1		Bird-Amber
<i>Green Woodpecker</i>	<i>Picus viridis</i>	1 Individual	26/11/2006	SP3320	1 km record	Chilson	field record	OOS				Bird-Amber
<i>Green Woodpecker</i>	<i>Picus viridis</i>	1 Individual	17/03/2006	SP3420	1 km record	Spelsbury	field record	OOS				Bird-Amber
<i>Green Woodpecker</i>	<i>Picus viridis</i>	1 Individual	29/04/2006	SP3420	1 km record	Dean (nr Charlbury): Dean Grove	field record	OOS				Bird-Amber
<i>Green Woodpecker</i>	<i>Picus viridis</i>	1 Individual	29/04/2006	SP3421	1 km record	Spelsbury	field record	OOS				Bird-Amber
<i>Green Woodpecker</i>	<i>Picus viridis</i>	1 Individual	19/10/2006	SP3421	1 km record	Spelsbury	field record	OOS				Bird-Amber
<i>Green Woodpecker</i>	<i>Picus viridis</i>	1 Individual	17/03/2006	SP3421	1 km record	Spelsbury	field record	OOS				Bird-Amber
<i>Green Woodpecker</i>	<i>Picus viridis</i>	1 Individual	24/12/2006	SP3421	1 km record	Dean (nr Charlbury): Dean Grove	field record	OOS				Bird-Amber
<i>Green Woodpecker</i>	<i>Picus viridis</i>		07/08/2002	SP34452100		Couldren Mill Complex		OLWS				Bird-Amber
<i>Green Woodpecker</i>	<i>Picus viridis</i>		07/08/2002	SP34452100		Couldren Mill Complex		OLWS				Bird-Amber
<i>Green Woodpecker</i>	<i>Picus viridis</i>	1	24/06/2009	SP35532155		Taston Brook and Springs		OLWS				Bird-Amber
<i>Green Woodpecker</i>	<i>Picus viridis</i>		22/08/2006	SP35542157		Taston Brook and Springs		OLWS				Bird-Amber
<i>Grasshopper Warbler</i>	<i>Locustella naevia</i>		1977 - 1987	SP345205		Oxfordshire Way Woodland	field record	BBOWT			NERC-S41	Bird-Red
<i>Willow Warbler</i>	<i>Phylloscopus trochilus</i>		1977 - 1987	SP342202		Walcot Farm Wet Pasture	field record	BBOWT				Bird-Amber
<i>Willow Warbler</i>	<i>Phylloscopus trochilus</i>		1977 - 1987	SP345205		Oxfordshire Way Woodland	field record	BBOWT				Bird-Amber
<i>Willow Warbler</i>	<i>Phylloscopus trochilus</i>		29/07/1986	SP35252130		Taston Brook and Springs	field record	BBOWT				Bird-Amber
<i>Willow Warbler</i>	<i>Phylloscopus trochilus</i>		1977 - 1987	SP363191		Charlbury Meadow	field record	BBOWT				Bird-Amber
<i>Willow Warbler</i>	<i>Phylloscopus trochilus</i>	2 Adults; 3 Juveniles	10/06/2005	SP36491946		Blenheim Farm		BBOWT				Bird-Amber
<i>Willow Warbler</i>	<i>Phylloscopus trochilus</i>	2 Individuals	28/03/2005	SP36491946		Blenheim Farm		BBOWT				Bird-Amber



Taxon Name	Common Name	Abundance / Sex / Stage	Date	Grid Ref.	Grid Ref. Qualifier	Location	Type of Record	Data Origin	European Directives	UK Legislation	NERC s41	Other Designations
Skylark	Alauda arvensis	7	22/04/2003	SP3420	1 km record	Spelsbury	field record	OOS			NERC-S41	Bird-Red
Skylark	Alauda arvensis	1	18/05/2003	SP3420	1 km record	Spelsbury	field record	OOS			NERC-S41	Bird-Red
Skylark	Alauda arvensis	4	06/07/2003	SP3420	1 km record	Spelsbury	field record	OOS			NERC-S41	Bird-Red
Skylark	Alauda arvensis	8	18/05/2003	SP3420	1 km record	Spelsbury	field record	OOS			NERC-S41	Bird-Red
Swallow	Hirundo rustica		24/06/2009	SP35532155		Taston Brook and Springs		QLWS				Bird-Amber
Swallow	Hirundo rustica	1 Individual	06/06/2004	SP36491946		Blenheim Farm		BBOWT				Bird-Amber
Meadow Pipit	Anthus pratensis	15 Individuals	01/01/2006	SP3421	1 km record	Spelsbury	field record	OOS				Bird-Amber
Yellow Wagtail	Motacilla flava subsp. flavissima	1	29/08/2000	SP3720	1 km record	Charlbury	field record	OOS			NERC-S41	Bird-Red
Yellow Wagtail	Motacilla flava subsp. flavissima	5	30/07/2000	SP3720	1 km record	Charlbury	field record	OOS			NERC-S41	Bird-Red
Grey Wagtail	Motacilla cinerea	2	24/02/2000	SP355187		Cornbury Park: North Lodge	field record	OOS				Bird-Amber
Dunnock	Prunella modularis		2012 - 2013	SP359201		Wigwell Meadow Clary Site		LN			NERC-S41	Bird-Amber
Wheatear	Oenanthe oenanthe	2	19/04/2000	SP335196		Charlbury	field record	OOS				Bird-Amber
Fieldfare	Turdus pilaris	380 Individuals	17/03/2006	SP3420	1 km record	Spelsbury	field record	OOS		WACA-Sch1-p1		Bird-Red
Fieldfare	Turdus pilaris		2012 - 2013	SP359201		Wigwell Meadow Clary Site		LN		WACA-Sch1-p1		Bird-Red
Song Thrush	Turdus philomelos		2012 - 2013	SP359201		Wigwell Meadow Clary Site		LN			NERC-S41	Bird-Red
Song Thrush	Turdus philomelos	1 Individual	28/03/2005	SP36491946		Blenheim Farm		BBOWT			NERC-S41	Bird-Red
Redwing	Turdus iliacus		2012 - 2013	SP359201		Wigwell Meadow Clary Site		LN		WACA-Sch1-p1		Bird-Red
Spotted Flycatcher	Muscicapa striata	1	02/07/2004	SP3519	1 km record	Charlbury	field record	OOS			NERC-S41	Bird-Red
Spotted Flycatcher	Muscicapa striata	1 Pair	10/05/2000	SP3519	1 km record	Charlbury	field record	OOS			NERC-S41	Bird-Red
Spotted Flycatcher	Muscicapa striata	2	30/05/1998	SP3519	1 km record	Charlbury	field record	OOS			NERC-S41	Bird-Red
Spotted Flycatcher	Muscicapa striata	1	15/05/2001	SP3519	1 km record	Charlbury	field record	OOS			NERC-S41	Bird-Red
Spotted Flycatcher	Muscicapa striata	1	27/05/2000	SP3519	1 km record	Charlbury	field record	OOS			NERC-S41	Bird-Red
Spotted Flycatcher	Muscicapa striata	2	10/06/2001	SP3519	1 km record	Charlbury	field record	OOS			NERC-S41	Bird-Red
Spotted Flycatcher	Muscicapa striata	2 Juveniles	15/06/2000	SP3519	1 km record	Charlbury	field record	OOS			NERC-S41	Bird-Red
Spotted Flycatcher	Muscicapa striata	2	02/06/2001	SP3519	1 km record	Charlbury	field record	OOS			NERC-S41	Bird-Red
Spotted Flycatcher	Muscicapa striata	2	09/06/2001	SP3519	1 km record	Charlbury	field record	OOS			NERC-S41	Bird-Red
Spotted Flycatcher	Muscicapa striata	1 Pair	15/06/2000	SP3519	1 km record	Charlbury	field record	OOS			NERC-S41	Bird-Red
Spotted Flycatcher	Muscicapa striata	1	22/08/2006	SP35542157		Taston Brook and Springs		OLWS			NERC-S41	Bird-Red
Spotted Flycatcher	Muscicapa striata	1	01/07/2004	SP358196		Charlbury	field record	OOS			NERC-S41	Bird-Red
Spotted Flycatcher	Muscicapa striata	2	15/07/2001	SP358196		Charlbury: Steve Hays Garden	field record	OOS			NERC-S41	Bird-Red
Spotted Flycatcher	Muscicapa striata	2	07/07/2001	SP358196		Charlbury: Steve Hays Garden	field record	OOS			NERC-S41	Bird-Red
Spotted Flycatcher	Muscicapa striata	2	12/06/2001	SP358196		Charlbury: Steve Hays Garden	field record	OOS			NERC-S41	Bird-Red
Spotted Flycatcher	Muscicapa striata	5	17/09/1998	SP3620	1 km record	Charlbury: Charlbury Quarry	field record	OOS			NERC-S41	Bird-Red
Whitethroat	Sylvia communis		1977 - 1987	SP345205		Oxfordshire Way Woodland	field record	BBOWT				Bird-Amber
Firecrest	Regulus ignicapilla	2	01/04/2003	SP31P	1 km record	Confidential, refer to OOS for further details	field record	OOS		WACA-Sch1-p1		Bird-Amber
Willow Tit	Poecile montana	8 Pairs	22/03/1998	SP3319	1 km record	Wychwood	field record	OOS			NERC-S41	Bird-Red
Willow Tit	Poecile montana	1	07/07/2003	SP358196		Charlbury: Steve Hays Garden	field record	OOS			NERC-S41	Bird-Red
Marsh Tit	Poecile palustris	2 Individuals	29/04/2006	SP3420	1 km record	Charlbury	field record	OOS			NERC-S41	Bird-Red
Starling	Sturnus vulgaris	2	22/04/2003	SP3420	1 km record	Spelsbury	field record	OOS			NERC-S41	Bird-Red
Starling	Sturnus vulgaris	3	06/07/2003	SP3420	1 km record	Spelsbury	field record	OOS			NERC-S41	Bird-Red
Starling	Sturnus vulgaris	5	18/05/2003	SP3420	1 km record	Spelsbury	field record	OOS			NERC-S41	Bird-Red
Tree Sparrow	Passer montanus	2	07/04/2000	SP3820	1 km record	Charlbury	field record	OOS			NERC-S41	Bird-Red
Linnet	Linia cannabina	3	18/05/2003	SP3420	1 km record	Spelsbury	field record	OOS			NERC-S41	Bird-Red
Linnet	Linia cannabina	2	22/04/2003	SP3420	1 km record	Spelsbury	field record	OOS			NERC-S41	Bird-Red
Linnet	Linia cannabina	2	06/07/2003	SP3420	1 km record	Spelsbury	field record	OOS			NERC-S41	Bird-Red
Linnet	Linia cannabina	200	20/01/2000	SP361202		Charlbury: Charlbury Quarry	field record	OOS			NERC-S41	Bird-Red
Linnet	Linia cannabina	c.100	07/12/1999	SP3620	1 km record	Charlbury: Charlbury Quarry	field record	OOS			NERC-S41	Bird-Red
Brambling	Fringilla montifringilla	1 Female	22/03/1998	SP3319	1 km record	Wychwood	field record	OOS		WACA-Sch1-p1		
Brambling	Fringilla montifringilla	2 Individuals	31/03/2006	SP3820	1 km record	Ditchley	field record	OOS		WACA-Sch1-p1		
Bullfinch	Pyrrhula pyrrhula	1 Male; 2 Females	19/01/2004	SP3519	1 km record	Charlbury	field record	OOS			NERC-S41	Bird-Amber
Bullfinch	Pyrrhula pyrrhula	2 Males; 2 Females	12/01/2004	SP3519	1 km record	Charlbury	field record	OOS			NERC-S41	Bird-Amber
Yellowhammer	Emberiza citrinella	1	14/03/1999	SP3320	1 km record	Charlbury	field record	OOS			NERC-S41	Bird-Red

Taxon Name	Common Name	Abundance / Sex / Stage	Date	Grid Ref.	Grid Ref. Qualifier	Location	Type of Record	Data Origin	European Directives	UK Legislation	NERC s41	Other Designations
<i>Yellowhammer</i>	<i>Emberiza citrinella</i>	1	18/05/2003	SP3420	1 km record	Spelsbury	field record	OOS			NERC-S41	Bird-Red
<i>Yellowhammer</i>	<i>Emberiza citrinella</i>	5	18/05/2003	SP3420	1 km record	Spelsbury	field record	OOS			NERC-S41	Bird-Red
<i>Yellowhammer</i>	<i>Emberiza citrinella</i>	7	06/07/2003	SP3420	1 km record	Spelsbury	field record	OOS			NERC-S41	Bird-Red
<i>Yellowhammer</i>	<i>Emberiza citrinella</i>	75 Individuals	01/01/2006	SP3421	1 km record	Spelsbury	field record	OOS			NERC-S41	Bird-Red
<i>Yellowhammer</i>	<i>Emberiza citrinella</i>		04/08/1987	SP34702102		Disused Quarry	field record	BBOWT			NERC-S41	Bird-Red
<i>Yellowhammer</i>	<i>Emberiza citrinella</i>	6	31/03/1999	SP3519	1 km record	Charlbury	field record	OOS			NERC-S41	Bird-Red
<i>Yellowhammer</i>	<i>Emberiza citrinella</i>	30	07/12/2000	SP3519	1 km record	Charlbury	field record	OOS			NERC-S41	Bird-Red
<i>Yellowhammer</i>	<i>Emberiza citrinella</i>	4	10/06/2004	SP3519	1 km record	Charlbury	field record	OOS			NERC-S41	Bird-Red
<i>Yellowhammer</i>	<i>Emberiza citrinella</i>		1977 - 1987	SP363191		Charlbury Meadow	field record	BBOWT			NERC-S41	Bird-Red
<i>Reed Bunting</i>	<i>Emberiza schoeniclus</i>	1 Individual	26/11/2006	SP3320	1 km record	Chadlington	field record	OOS			NERC-S41	Bird-Amber
<i>Reed Bunting</i>	<i>Emberiza schoeniclus</i>		2012 - 2013	SP359201		Wigwell Meadow Clary Site		LN			NERC-S41	Bird-Amber
<b>Fish - Bony</b>												
<i>Barbel</i>	<i>Barbus barbus</i>		22/04/2010	SP354195		River Evenlode, Charlbury	electrofishing	EA	HabDir-A5	HabReg-Sch4		
<i>Brown/Sea Trout</i>	<i>Salmo trutta</i>		20/04/1993	SP342205		Coldron Brook, U/S Of Footbridge, Above Confluence With R Evenlode	field record	EA			NERC-S41	
<i>Brown/Sea Trout</i>	<i>Salmo trutta</i>		23/04/2015	SP343206		Coldron Brook, Grove Lane	electrofishing	EA			NERC-S41	
<i>Brown/Sea Trout</i>	<i>Salmo trutta</i>		22/04/2010	SP354195		River Evenlode, Charlbury	electrofishing	EA			NERC-S41	
<i>Bullhead</i>	<i>Cottus gobio</i>		03/06/2004	SP341203		River Evenlode, Dean Grove	electrofishing	EA	HabDir-A2np			
<i>Bullhead</i>	<i>Cottus gobio</i>		23/04/2015	SP343206		Coldron Brook, Grove Lane	electrofishing	EA	HabDir-A2np			
<i>Bullhead</i>	<i>Cottus gobio</i>		12/04/2012	SP354195		River Evenlode, Charlbury	electrofishing	EA	HabDir-A2np			
<b>Higher Plants - Flowering Plants</b>												
<i>Night-flowering Catchfly</i>	<i>Silene noctiflora</i>		1986	SP364198		Ditchley Road Quarry	field record	OBRC				RL-GB-post2001-VU
<i>Downy Woundwort</i>	<i>Stachys germanica</i>	20	1991	SP383195		Salt Way, Ditchley Park	field record	LN		WACA-Sch8		Status-NR RL-GB-post2001-VU
<i>Downy Woundwort</i>	<i>Stachys germanica</i>		1992	SP384195		Salt Way, Ditchley Park	field record	LN		WACA-Sch8		Status-NR RL-GB-post2001-VU
<i>Downy Woundwort</i>	<i>Stachys germanica</i>		25/04/1986- 25/07/1986	SP384195		Saltway SSSI	field record	LN		WACA-Sch8		Status-NR RL-GB-post2001-VU
<i>Cat-mint</i>	<i>Nepeta cataria</i>		25/04/1986- 25/07/1986	SP384195		Saltway SSSI	field record	LN				RL-GB-post2001-VU
<i>Meadow Clary</i>	<i>Salvia pratensis</i>	45	16/06/1990	SP355200		Wigwell Meadow Clary Site	field record	ANHSO		WACA-Sch8		Status-NS RL-GB-post2001-NT
<i>Meadow Clary</i>	<i>Salvia pratensis</i>	37	10/07/1991	SP355200		Wigwell Meadow Clary Site	field record	ANHSO		WACA-Sch8		Status-NS RL-GB-post2001-NT
<i>Meadow Clary</i>	<i>Salvia pratensis</i>	444 Flowering	2012	SP357199		Wigwell Meadow Clary Site	field record	WFG		WACA-Sch8		Status-NS RL-GB-post2001-NT
<i>Meadow Clary</i>	<i>Salvia pratensis</i>	20	07/07/1995	SP357199		Wigwell Meadow Clary Site	field record	ANHSO		WACA-Sch8		Status-NS RL-GB-post2001-NT
<i>Meadow Clary</i>	<i>Salvia pratensis</i>	4	03/07/1994	SP357199		Wigwell Meadow Clary Site	field record	ANHSO		WACA-Sch8		Status-NS RL-GB-post2001-NT
<i>Meadow Clary</i>	<i>Salvia pratensis</i>	470	1988	SP357199		Wigwell Meadow Clary Site	field record	ANHSO		WACA-Sch8		Status-NS RL-GB-post2001-NT
<i>Meadow Clary</i>	<i>Salvia pratensis</i>		1988	SP359198		Wigwell Meadow Clary Site	field record	ANHSO		WACA-Sch8		Status-NS RL-GB-post2001-NT
<i>Meadow Clary</i>	<i>Salvia pratensis</i>	O (DAFOR)	05/08/2014	SP359201		Wigwell Meadow Clary Site		OLWS		WACA-Sch8		Status-NS RL-GB-post2001-NT
<i>Meadow Clary</i>	<i>Salvia pratensis</i>	468 Flowering	01/06/2015- 30/06/2015	SP359201		Wigwell Meadow Clary Site	field record	WFG		WACA-Sch8		Status-NS RL-GB-post2001-NT
<i>Meadow Clary</i>	<i>Salvia pratensis</i>		28/06/1989	SP359201		Wigwell Meadow Clary Site	field record	BBOWT		WACA-Sch8		Status-NS RL-GB-post2001-NT
<i>Meadow Clary</i>	<i>Salvia pratensis</i>	<200 Flowering	06/07/2016	SP359201		Wigwell Meadow Clary Site	field record	WFG		WACA-Sch8		Status-NS RL-GB-post2001-NT
<i>Meadow Clary</i>	<i>Salvia pratensis</i>		21/09/1994	SP359202		Wigwell Meadow Clary Site	field record	LN		WACA-Sch8		Status-NS RL-GB-post2001-NT

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<i>Meadow Clary</i>	<i>Salvia pratensis</i>		26/05/2016	SP365194		Blenheim Farm	field record	LN		WACA-Sch8		Status-NS RL-GB-post2001-NT
<i>English Whitebeam</i>	<i>Sorbus anglica</i>		16/10/2013	SP359181		Southill Solar Farm, NE hedgerow	field record	EC				Status-NR RL-GB-post2001-NT RL-Global-post94-VU
<i>Round-fruited Rush</i>	<i>Juncus compressus</i>	O (DAFOR)	11/07/2013	SP34452100		Couldren Mill Complex		OLWS				RL-GB-post2001-NT
<i>Darnel</i>	<i>Lolium temulentum</i>		26/05/2016	SP365194		Blenheim Farm	field record	LN			NERC-S41	Status-NR RL-GB-post2001-CR
<i>Bluebell</i>	<i>Hyacinthoides non-scripta</i>	R (DAFOR)	04/06/2013	SP34452100		Couldren Mill Complex		OLWS		WACA-Sch8		
<i>Bluebell</i>	<i>Hyacinthoides non-scripta</i>	R (DAFOR)	04/06/2013	SP34452100		Couldren Mill Complex		OLWS		WACA-Sch8		
<i>Bluebell</i>	<i>Hyacinthoides non-scripta</i>		1977 - 1987	SP345205		Oxfordshire Way Woodland	field record	BBOWT		WACA-Sch8		
<i>Bluebell</i>	<i>Hyacinthoides non-scripta</i>		1977 - 1987	SP348201		Oxfordshire Way Green Lane	field record	BBOWT		WACA-Sch8		
<i>Bluebell</i>	<i>Hyacinthoides non-scripta</i>		22/08/2006	SP35542157		Taston Brook and Springs		OLWS		WACA-Sch8		
<i>Bluebell</i>	<i>Hyacinthoides non-scripta</i>	1 O	01/01/2009-31/12/2009	SP36491946		Blenheim Farm	field record	BBOWT		WACA-Sch8		
<i>Bluebell</i>	<i>Hyacinthoides non-scripta</i>		26/05/2016	SP365194		Blenheim Farm	field record	LN		WACA-Sch8		
<i>Bluebell</i>	<i>Hyacinthoides non-scripta</i>		1977 - 1980	SP370189		B4437 Hedge & Verge	field record	BBOWT		WACA-Sch8		
<i>Bluebell</i>	<i>Hyacinthoides non-scripta</i>		21/04/1980	SP384195		The Saltway	field record	OBRC		WACA-Sch8		
<i>Bluebell</i>	<i>Hyacinthoides non-scripta</i>		25/04/1986-25/07/1986	SP384195		Saltway SSSI	field record	LN		WACA-Sch8		
<i>Wild Pansy</i>	<i>Viola tricolor</i>	LA (DAFOR)	1977 - 1987	SP363191		Charlbury Meadow	field record	BBOWT				RL-GB-post2001-NT
<i>Corn Cleavers</i>	<i>Galium tricornutum</i>		14/07/1986	SP364198		Ditchley Road Quarry	field record	OBRC			NERC-S41	Status-NR RL-GB-post2001-CR
<b>Invertebrates - Ants, Bees, Sawflies &amp; Wasps</b>												
<i>Red-tailed (Hill) Cuckoo Bee</i>	<i>Bombus (Psithyrus) rupestris</i>		12/08/2002	SP364194		Blenheim Farm	Collection	BBOWT				Notable-B
<b>Invertebrates - Beetles</b>												
<i>Belladonna Flea Beetle</i>	<i>Epitrix atropae</i>		25/05/1998	SP3517	1 km record	Cornbury Park	field record	OBRC				Notable-B
<b>Invertebrates - Butterflies</b>												
<i>Small Blue</i>	<i>Cupido minimus</i>	1 Adult	21/07/1991	SP3618	1 km record	Quarry Charlbury	field record	BC		WACA-Sch5-s9.5a	NERC-S41	RL-GB-post2001-NT
<i>White-letter Hairstreak</i>	<i>Satyrrium w-album</i>	1 Individual	2006	SP36491946		Blenheim Farm		BBOWT		WACA-Sch5-s9.5a	NERC-S41	RL-GB-post2001-EN
<i>White Admiral</i>	<i>Limnitis camilla</i>	1 Individual	2006	SP36491946		Blenheim Farm		BBOWT			NERC-S41	RL-GB-post2001-VU
<i>Small Heath</i>	<i>Coenonympha pamphilus</i>	10 to 29	1998	SP32V	2 km record	Box Wood	field record	BC			NERC-S41	RL-GB-post2001-NT
<i>Small Heath</i>	<i>Coenonympha pamphilus</i>		31/05/1998	SP3421	1 km record	Near Spelsbury	field record	BC			NERC-S41	RL-GB-post2001-NT
<i>Small Heath</i>	<i>Coenonympha pamphilus</i>	1 Adult	03/05/1997	SP3517	1 km record	Reed Hill SSSI	field record	BC			NERC-S41	RL-GB-post2001-NT
<i>Small Heath</i>	<i>Coenonympha pamphilus</i>		28/08/1983	SP358187		Charlbury Railway Cutting	field record	OBRC			NERC-S41	RL-GB-post2001-NT
<i>Small Heath</i>	<i>Coenonympha pamphilus</i>	2 to 9	21/07/1991	SP3618	1 km record	Quarry Charlbury	field record	BC			NERC-S41	RL-GB-post2001-NT
<i>Small Heath</i>	<i>Coenonympha pamphilus</i>	2 to 9	14/07/1991	SP366187		Charlbury Quarry	field record	BC			NERC-S41	RL-GB-post2001-NT
<i>Wall</i>	<i>Lasiommata megera</i>		28/08/1983	SP358187		Charlbury Railway Cutting	field record	OBRC			NERC-S41	RL-GB-post2001-NT
<i>Wall</i>	<i>Lasiommata megera</i>		01/07/2009	SP36491946		Blenheim Farm	field record	BBOWT			NERC-S41	RL-GB-post2001-NT

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<b>Invertebrates - Molluscs</b>												
<i>Roman Snail</i>	Helix (Helix) pomatia		02/09/1977	SP357185		Charlbury Railway Cutting	field record	OBRC	HabDir-A5	WACA-Sch5-s9.2/s9.5a		
<i>Roman Snail</i>	Helix (Helix) pomatia	3	17/10/2016	SP362179		Road next to Southhill solar farm, outside Charlbury	photographed	MOP	HabDir-A5	WACA-Sch5-s9.2/s9.5a		
<i>Roman Snail</i>	Helix (Helix) pomatia	Signs	09/10/2013	SP363178		Southhill Solar Farm, close to dividing stone wall	shell (empty)	EC	HabDir-A5	WACA-Sch5-s9.2/s9.5a		
<b>Lichens</b>												
<i>a lichen</i>	Bacidia incompta		Mar-76	SP3418	1 km record	Cornbury Park	field record	LN				RL-GB-post2001-DD
<b>Mammals - Terrestrial (bats)</b>												
<i>Bats</i>	Chiroptera		09/11/1987	SP31	10 km record	Confidential, refer to OBG for further details	Roost	OBG	HabDir-A2np HabDir-A4	HabReg-Sch2 WACA-Sch5-s9.4b/s9.4c/s9.5a/s9.5b	NERC-S41	RL-Global-post2001-NT
<i>Bats</i>	Chiroptera	20	16/07/1986	SP3519	1 km record	Confidential, refer to OBG for further details	Roost	OBG	HabDir-A2np HabDir-A4	HabReg-Sch2 WACA-Sch5-s9.4b/s9.4c/s9.5a/s9.5b	NERC-S41	RL-Global-post2001-NT
<i>Bats</i>	Chiroptera		15/06/2011	SP356195		Hopkin's Yard, Charlbury	aural bat detector	EC	HabDir-A2np HabDir-A4	HabReg-Sch2 WACA-Sch5-s9.4b/s9.4c/s9.5a/s9.5b	NERC-S41	RL-Global-post2001-NT
<i>Bats</i>	Chiroptera	Droppings	15/06/2011	SP356195		Hopkin's Yard, Charlbury	dung/droppings/frass/pellet, etc.	EC	HabDir-A2np HabDir-A4	HabReg-Sch2 WACA-Sch5-s9.4b/s9.4c/s9.5a/s9.5b	NERC-S41	RL-Global-post2001-NT
<i>Bats</i>	Chiroptera		15/06/2011	SP356195		Hopkin's Yard, Charlbury	aural bat detector	EC	HabDir-A2np HabDir-A4	HabReg-Sch2 WACA-Sch5-s9.4b/s9.4c/s9.5a/s9.5b	NERC-S41	RL-Global-post2001-NT
<i>Unidentified Bat</i>	Myotis	1 Feeding	22/08/2015	SP3635719926		Sunnyside, north of Ditchley Road, Charlbury	aural bat detector	EC	HabDir-A2np HabDir-A4	HabReg-Sch2 WACA-Sch5-s9.4b/s9.4c/s9.5a/s9.5b	NERC-S41	RL-Global-post2001-NT
<i>Daubenton's Bat</i>	Myotis daubentonii	1 Feeding	24/08/2015	SP3635719926		Sunnyside, north of Ditchley Road, Charlbury	aural bat detector	EC	HabDir-A4	HabReg-Sch2 WACA-Sch5-s9.4b/s9.4c/s9.5a/s9.5b		
<i>Daubenton's Bat</i>	Myotis daubentonii	1 Feeding	21/08/2015	SP3635719926		Sunnyside, north of Ditchley Road, Charlbury	aural bat detector	EC	HabDir-A4	HabReg-Sch2 WACA-Sch5-s9.4b/s9.4c/s9.5a/s9.5b		
<i>Daubenton's Bat</i>	Myotis daubentonii	1 Adult	30/07/2009	SP36491946		Blenheim Farm		BOWT	HabDir-A4	HabReg-Sch2 WACA-Sch5-s9.4b/s9.4c/s9.5a/s9.5b		
<i>Lesser Noctule</i>	Nyctalus leisleri	82	23/06/1988	SP3619		Confidential, refer to OBG for further details	Roost	OBG	HabDir-A4	HabReg-Sch2 WACA-Sch5-s9.4b/s9.4c/s9.5a/s9.5b		
<i>Noctule Bat</i>	Nyctalus noctula		15/06/2011	SP356195		Hopkin's Yard, Charlbury	aural bat detector	EC	HabDir-A4	HabReg-Sch2 WACA-Sch5-s9.4b/s9.4c/s9.5a/s9.5b	NERC-S41	
<i>Noctule Bat</i>	Nyctalus noctula	Feeding	21/08/2015	SP3635719926		Sunnyside, north of Ditchley Road, Charlbury	aural bat detector	EC	HabDir-A4	HabReg-Sch2 WACA-Sch5-s9.4b/s9.4c/s9.5a/s9.5b	NERC-S41	
<i>Noctule Bat</i>	Nyctalus noctula	1 Feeding	26/08/2015	SP3635719926		Sunnyside, north of Ditchley Road, Charlbury	aural bat detector	EC	HabDir-A4	HabReg-Sch2 WACA-Sch5-s9.4b/s9.4c/s9.5a/s9.5b	NERC-S41	
<i>Pipistrelle Bat species</i>	Pipistrellus	250	12/07/1984	SP3519	1 km record	Confidential, refer to OBG for further details	Roost	OBG	HabDir-A4	HabReg-Sch2 WACA-Sch5-s9.4b/s9.4c/s9.5a/s9.5b	NERC-S41	
<i>Pipistrelle Bat species</i>	Pipistrellus	proved breeding	10/10/2014	SP3610018900		Fire Station, Sturt Road, Charlbury, Oxon OX7	Roost	OCC	HabDir-A4	HabReg-Sch2 WACA-Sch5-s9.4b/s9.4c/s9.5a/s9.5b	NERC-S41	
<i>Pipistrelle Bat species</i>	Pipistrellus	1	02/10/2008	SP36471945		Blenheim Farm	field record	BOWT	HabDir-A4	HabReg-Sch2 WACA-Sch5-s9.4b/s9.4c/s9.5a/s9.5b	NERC-S41	
<i>Common Pipistrelle</i>	Pipistrellus pipistrellus		15/06/2011	SP356195		Hopkin's Yard, Charlbury	aural bat detector	EC	HabDir-A4	HabReg-Sch2 WACA-Sch5-s9.4b/s9.4c/s9.5a/s9.5b		
<i>Common Pipistrelle</i>	Pipistrellus pipistrellus		15/06/2011	SP356195		Hopkin's Yard, Charlbury	field record	EC	HabDir-A4	HabReg-Sch2 WACA-Sch5-s9.4b/s9.4c/s9.5a/s9.5b		
<i>Common Pipistrelle</i>	Pipistrellus pipistrellus	Feeding	21/08/2015	SP3635719926		Sunnyside, north of Ditchley Road, Charlbury	aural bat detector	EC	HabDir-A4	HabReg-Sch2 WACA-Sch5-s9.4b/s9.4c/s9.5a/s9.5b		
<i>Common Pipistrelle</i>	Pipistrellus pipistrellus	Feeding	24/08/2015	SP3635719926		Sunnyside, north of Ditchley Road, Charlbury	aural bat detector	EC	HabDir-A4	HabReg-Sch2 WACA-Sch5-s9.4b/s9.4c/s9.5a/s9.5b		
<i>Common Pipistrelle</i>	Pipistrellus pipistrellus	Feeding	26/08/2015	SP3635719926		Sunnyside, north of Ditchley Road, Charlbury	aural bat detector	EC	HabDir-A4	HabReg-Sch2 WACA-Sch5-s9.4b/s9.4c/s9.5a/s9.5b		
<i>Common Pipistrelle</i>	Pipistrellus pipistrellus	Feeding	22/08/2015	SP3635719926		Sunnyside, north of Ditchley Road, Charlbury	aural bat detector	EC	HabDir-A4	HabReg-Sch2 WACA-Sch5-s9.4b/s9.4c/s9.5a/s9.5b		
<i>Soprano Pipistrelle</i>	Pipistrellus pygmaeus	1 Individual	26/08/2015	SP3635719926		Sunnyside, north of Ditchley Road, Charlbury	Emerging from roost	EC	HabDir-A4	HabReg-Sch2 WACA-Sch5-s9.4b/s9.4c/s9.5a/s9.5b	NERC-S41	

Taxon Name	Common Name	Abundance / Sex / Stage	Date	Grid Ref.	Grid Ref. Qualifier	Location	Type of Record	Data Origin	European Directives	UK Legislation	NERC s41	Other Designations
<i>Soprano Pipistrelle</i>	<i>Pipistrellus pygmaeus</i>	Feeding	24/08/2015	SP3635719926		Sunnyside, north of Ditchley Road, Charlbury	aural bat detector	EC	HabDir-A4	HabReg-Sch2 WACA-Sch5-s9.4b/s9.4c/s9.5a/s9.5b	NERC-S41	
<i>Soprano Pipistrelle</i>	<i>Pipistrellus pygmaeus</i>	Feeding	21/08/2015	SP3635719926		Sunnyside, north of Ditchley Road, Charlbury	aural bat detector	EC	HabDir-A4	HabReg-Sch2 WACA-Sch5-s9.4b/s9.4c/s9.5a/s9.5b	NERC-S41	
<i>Soprano Pipistrelle</i>	<i>Pipistrellus pygmaeus</i>	Feeding	22/08/2015	SP3635719926		Sunnyside, north of Ditchley Road, Charlbury	aural bat detector	EC	HabDir-A4	HabReg-Sch2 WACA-Sch5-s9.4b/s9.4c/s9.5a/s9.5b	NERC-S41	
<i>Soprano Pipistrelle</i>	<i>Pipistrellus pygmaeus</i>	1 Individual	24/08/2015	SP3635719926		Sunnyside, north of Ditchley Road, Charlbury	Emerging from roost	EC	HabDir-A4	HabReg-Sch2 WACA-Sch5-s9.4b/s9.4c/s9.5a/s9.5b	NERC-S41	
<i>Soprano Pipistrelle</i>	<i>Pipistrellus pygmaeus</i>		21/08/2015	SP3635719926		Sunnyside, north of Ditchley Road, Charlbury	Roost	EC	HabDir-A4	HabReg-Sch2 WACA-Sch5-s9.4b/s9.4c/s9.5a/s9.5b	NERC-S41	
<i>Long-eared Bat species</i>	<i>Plecotus</i>		17/07/1988	SP3620		Confidential, refer to OBG for further details	Roost	OBG	HabDir-A4	HabReg-Sch2 WACA-Sch5-s9.4b/s9.4c/s9.5a/s9.5b	NERC-S41	
<i>Brown Long-eared Bat</i>	<i>Plecotus auritus</i>	1 Dropping; Droppings	05/11/2015	SP3594619482		Elmstead, Charlbury Oxon OX7 3QP	Roost	EC	HabDir-A4	HabReg-Sch2 WACA-Sch5-s9.4b/s9.4c/s9.5a/s9.5b	NERC-S41	
<i>Brown Long-eared Bat</i>	<i>Plecotus auritus</i>		11/11/1988	SP3619		Confidential, refer to OBG for further details	field record	OBG	HabDir-A4	HabReg-Sch2 WACA-Sch5-s9.4b/s9.4c/s9.5a/s9.5b	NERC-S41	
<b>Mammals - Terrestrial (excl. bats)</b>												
<i>European Otter</i>	<i>Lutra lutra</i>		09/03/2002	SP353196		Charlbury		TVERC	HabDir-A2np HabDir-A4	HabReg-Sch2 WACA-Sch5-s9.4b/s9.4c/s9.5a	NERC-S41	RL-Global-post2001-NT
<i>European Otter</i>	<i>Lutra lutra</i>	1 Dropping	18/06/2002	SP354196		Charlbury Road Bridge		TVERC	HabDir-A2np HabDir-A4	HabReg-Sch2 WACA-Sch5-s9.4b/s9.4c/s9.5a	NERC-S41	RL-Global-post2001-NT
<i>European Otter</i>	<i>Lutra lutra</i>	1 Sign; 2 spraints	20/07/2002	SP354196		Charlbury Road Bridge		TVERC	HabDir-A2np HabDir-A4	HabReg-Sch2 WACA-Sch5-s9.4b/s9.4c/s9.5a	NERC-S41	RL-Global-post2001-NT
<i>European Otter</i>	<i>Lutra lutra</i>	Droppings	25/08/2008	SP355188		River Evenlode at Cornbury Park	dung/droppings/frass/pellet, etc.	LN	HabDir-A2np HabDir-A4	HabReg-Sch2 WACA-Sch5-s9.4b/s9.4c/s9.5a	NERC-S41	RL-Global-post2001-NT
<i>Eurasian Badger</i>	<i>Meles meles</i>		04/08/1987	SP34702102		Disused Quarry	field record	BBOWT		Badgers-1992		
<i>Eurasian Badger</i>	<i>Meles meles</i>	Signs	09/10/2013	SP363178		Southill Solar Farm	Dung or other signs	EC		Badgers-1992		
<i>Eurasian Badger</i>	<i>Meles meles</i>	Signs	09/10/2013	SP363178		Southill Solar Farm	tracks/trail	EC		Badgers-1992		
<i>Eurasian Badger</i>	<i>Meles meles</i>	1	14/08/2002	SP36491946		Blenheim Farm	Sett	BBOWT		Badgers-1992		
<i>Polecat</i>	<i>Mustela putorius</i>	1	01/07/2000	SP353196		Nr. Charlbury station	dead on road	OBRC	HabDir-A5	HabReg-Sch4	NERC-S41	
<i>West European Hedgehog</i>	<i>Erinaceus europaeus</i>	2	06/07/2000	SP361194			field record	OBRC			NERC-S41	
<i>European Water Vole</i>	<i>Arvicola amphibius</i>		May-81	SP353190		River Evenlode	field record	OBRC		WACA-Sch5-s9.4a/s9.4b/s9.4c	NERC-S41	
<i>European Water Vole</i>	<i>Arvicola amphibius</i>		May-81	SP353190		River Evenlode	field record	OBRC		WACA-Sch5-s9.4a/s9.4b/s9.4c	NERC-S41	
<i>European Water Vole</i>	<i>Arvicola amphibius</i>		07/07/2003	SP354196		Evenlode		BBOWT		WACA-Sch5-s9.4a/s9.4b/s9.4c	NERC-S41	
<b>Reptiles</b>												
<i>Slow-worm</i>	<i>Anguis fragilis</i>	1 Adult Female	28/09/2016	SP35971879		Land South of Grammar School Hill, Charlbury	Reptile Refugia	EC		WACA-Sch5-s9.5a	NERC-S41	
<i>Slow-worm</i>	<i>Anguis fragilis</i>	2 Adult Females	21/09/2016	SP35971879		Land South of Grammar School Hill, Charlbury	Reptile Refugia	EC		WACA-Sch5-s9.5a	NERC-S41	
<i>Slow-worm</i>	<i>Anguis fragilis</i>	1 Adult Male	21/09/2016	SP35971879		Land South of Grammar School Hill, Charlbury	Reptile Refugia	EC		WACA-Sch5-s9.5a	NERC-S41	
<i>Slow-worm</i>	<i>Anguis fragilis</i>	2 Adult Males	03/10/2016	SP35971879		Land South of Grammar School Hill, Charlbury	Reptile Refugia	EC		WACA-Sch5-s9.5a	NERC-S41	
<i>Slow-worm</i>	<i>Anguis fragilis</i>	1 Adult Female	29/09/2016	SP35971879		Land South of Grammar School Hill, Charlbury	Reptile Refugia	EC		WACA-Sch5-s9.5a	NERC-S41	
<i>Slow-worm</i>	<i>Anguis fragilis</i>	2 Adult Females	05/10/2016	SP35971879		Land South of Grammar School Hill, Charlbury	Reptile Refugia	EC		WACA-Sch5-s9.5a	NERC-S41	
<i>Slow-worm</i>	<i>Anguis fragilis</i>	1 Adult Female	23/09/2016	SP35971879		Land South of Grammar School Hill, Charlbury	Reptile Refugia	EC		WACA-Sch5-s9.5a	NERC-S41	
<i>Slow-worm</i>	<i>Anguis fragilis</i>	3 Individuals	23/07/2014	SP36321910		Little Lees, Charlbury	Reptile Refugia	EC		WACA-Sch5-s9.5a	NERC-S41	
<i>Slow-worm</i>	<i>Anguis fragilis</i>	6 Individuals	19/07/2014	SP36321910		Little Lees, Charlbury	Reptile Refugia	EC		WACA-Sch5-s9.5a	NERC-S41	
<i>Slow-worm</i>	<i>Anguis fragilis</i>	6 Individuals	17/07/2014	SP36321910		Little Lees, Charlbury	Reptile Refugia	EC		WACA-Sch5-s9.5a	NERC-S41	
<i>Slow-worm</i>	<i>Anguis fragilis</i>	5 Individuals	18/07/2014	SP36321910		Little Lees, Charlbury	Reptile Refugia	EC		WACA-Sch5-s9.5a	NERC-S41	

Taxon Name	Common Name	Abundance / Sex / Stage	Date	Grid Ref.	Grid Ref. Qualifier	Location	Type of Record	Data Origin	European Directives	UK Legislation	NERC s41	Other Designations
<i>Slow-worm</i>	<i>Anguis fragilis</i>	9 Individuals	04/07/2014	SP36321910		Little Lees, Charlbury	Reptile Refugia	EC		WACA-Sch5-s9.5a	NERC-S41	
<i>Slow-worm</i>	<i>Anguis fragilis</i>	2 Individuals	22/07/2014	SP36321910		Little Lees, Charlbury	Reptile Refugia	EC		WACA-Sch5-s9.5a	NERC-S41	
<i>Slow-worm</i>	<i>Anguis fragilis</i>	2 Individuals	25/07/2014	SP36321910		Little Lees, Charlbury	Reptile Refugia	EC		WACA-Sch5-s9.5a	NERC-S41	
<i>Grass Snake</i>	<i>Natrix natrix</i>	1 Juvenile	16/04/2015	SP36491946		Blenheim Farm	field record	BBOWT		WACA-Sch5-s9.1k/s9.5a/s9.5b	NERC-S41	

# Status Key. Produced January 2014 by Thames Valley Environmental Records Centre

## EUROPEAN DIRECTIVES

- BirdsDir-A1 - Species listed on Annex 1 of EC Directive 79/409/EEC on the Conservation of Wild Birds.
- HabDir-A2, HabDir-A4 & HabDir-A5 - Annex 2 and Annexes 4/5 respectively of the EC Habitats Directive. This is the Council Directive 92/43/EEC on the Conservation of natural habitats and of wild fauna and flora.

## UK LEGISLATION: CONSERVATION OF HABITATS AND SPECIES REGULATIONS 2010

This legislation translates the European Habitats Directive (see above) into UK law where species are listed in Schedule 2 and Schedule 4. Species are tagged as HabReg-Sch2 or HabReg-Sch4.

## UK LEGISLATION: WILDLIFE AND COUNTRYSIDE ACT 1981

### Schedule 1 Wild Birds

prohibits the intentional killing, injuring or taking of any wild bird and the taking, damaging or destroying of the nest (whilst being built or in use) or eggs. It prohibits possession of wild birds (dead or alive) or their eggs. In addition:

- WACA-Sch1(pt 1) – There are additional penalties for offences relating to birds on this schedule and it is also an offence to disturb such birds at the nest or with dependent young.
- WACA-Sch1(pt 2) – Covers the protection of birds which may be killed during the open season.

(Please note that some schedule 1 bird records will refer to species that do not breed in the county, e.g. over-wintering birds such as Redwing or Fieldfare. Although we include them in the annotated records, only they and their nests, eggs and dependent young enjoy extra protection under the W&C 1981 act. If you are in any doubt about the breeding status of a bird please contact us at TVERC)

### Schedule 5 Wild Animals

- WACA-Sch5\_sect9.1 – covers intentional killing injuring or taking (species are covered by all or some of these)
- WACA-Sch5\_sect9.2 – Covers possession or control (live or dead animal, part or derivative)
- WACA-Sch5\_sect9.4a – Covers damage to or destruction of any structure or place used by a scheduled animal for shelter or protection.
- WACA-Sch5\_sect9.4b – Covers disturbance of animal occupying such a structure or place.
- WACA-Sch5\_sect9.4c – Covers obstruction of access to any structure or place which any such animal uses for shelter or protection
- WACA-Sch5\_sect9.5a – Covers selling, offering for sale, possessing or transporting for the purpose of sale (live or dead animal, part or derivative).
- WACA-Sch5\_sect9.5b – Covers advertising for buying or selling such things.

### Schedule 8 Wild Plants

- WACA-Sch8 - Covers any picking, uprooting or destruction of plants listed on the Schedule. It also prohibits the sale, etc, or possession for the purpose of sale of any plants on the Schedule.

## PRIORITY NERC S.41 2006

Species listed in Section 41 of the Natural Environment and Rural Communities Act 2006 as a species of principle importance. These are very similar to the list of UKBAP and have superseded them. Species are tagged NERC S.41.

## OTHER DESIGNATIONS: RED LISTS

**Global Red List Species** (tagged GlobalRed) - Species listed by the International Union for Conservation of Nature (IUCN) in the IUCN Red List of Threatened Species. Species included are from post 1994 and post 2001 lists.

**GB Red List Species** (tagged GBRed) - Species included in national red lists. Species included are from pre 1994 and post 2001 lists. Please note not all taxon groups are currently covered, for example fungi.

Abbreviations:

**EX** – Extinct A taxon is Extinct when there is no reasonable doubt that the last individual has died.

**EW** – Extinct in the Wild. Species known to survive only in cultivation, in captivity or as a naturalised population(s) well outside the past range.

**CR** – Critically Endangered (CR) Species facing an extremely high risk of extinction in the wild in the immediate future.

**EN** – Endangered: Species that are not Critically Endangered but is facing a very high risk of extinction in the wild in the near future.

**VU** – Vulnerable: A species is Vulnerable when it is not Critically Endangered or Endangered but is facing a high risk of extinction in the wild in the medium-term future

**NT** – Near Threatened – A taxon considered to likely to become endangered in the near future.

**LR(cd)** – Lower risk (conservation dependent)

**DD** – Data deficient – A taxon with insufficient data to make an assessment of its risk of extinction.

**RE** – Regionally Extinct – Taxa that are considered extinct within the region but populations exist elsewhere in the world.

**Inde** – indeterminate – based on a pre 1994 category: Taxa which are known to be Endangered, Vulnerable or Rare but with insufficient data to place them in one of the categories.

**Insu** – Insufficiently known - based on a pre 1994 category which equates to data deficient.

Species included here are from information compiled by JNCC (The Joint Nature Conservation Committee).

## OTHER DESIGNATIONS: NATIONALLY NOTABLE SPECIES

This covers invertebrate species not falling within IUCN categories but never the less uncommon in Britain.

**Nationally Notable A** (Tagged Notable-A): Taxa which occur in <30 10 km (hectad) squares or for less well recorded groups within <7 vice counties.

**Nationally Notable B** (Tagged Notable-B): Taxa which don't fall within IUCN categories but are uncommon in Britain and occur in 31-100 10 km sq/ or for less or for less well recorded groups between 8 and 20 vice counties



**Notable** (Tagged Notable): Taxa known to be scarce (occurring in between 16 and 100 10km squares) but for which there is insufficient information to assign them to the above categories.

This designation comes from the National Biodiversity Network (NBN) species dictionary but is supported by JNCC.

#### OTHER DESIGNATIONS: NATIONALLY RARE OR SCARCE SPECIES

This designation covers species that are recognised to occur in only a few locations in Britain.

**Rare** (tagged as Status-NR) = occurring in 15 or fewer hectads (10 km squares) in the UK

**Scarce** (tagged as Status-NS) = occurring in 16 – 100 hectads in the UK.

#### OTHER DESIGNATIONS: BIRDS OF CONSERVATION CONCERN LISTS & RED LIST FUNGI

These lists were drawn up by leading governmental and non-governmental conservation organizations including the RSPB and British Trust for Ornithology. The most recent version was published in May 2009.

**Red List** (tagged Bird-Red) - species are those that are globally threatened, whose population or range has declined rapidly in recent years (i.e. by more than 50% in 25 years), or which have declined historically and not recovered.

**Amber List** (tagged Bird-Amber) - Amber list species are those whose population or range has declined moderately in recent years (by more than 25% but less than 50% in 25 years), those whose population has declined historically but recovered recently, rare breeders (fewer than 300 pairs), those with internationally important populations in the UK, those with localised populations, and those with an unfavourable conservation status in Europe.

**Red List Fungi** – This designation uses the Red Data List of Threatened British Fungi (preliminary assessment) by Shelley Evans (BMS Conservation Officer). Species are designated as:

**Fungi Red-CR** – Critically Endangered

**Fungi Red-EN** – Endangered

**Fungi Red-NT** – Near Threatened

**Fungi Red-VU** – Vulnerable

These follow current IUCN guidelines (2001) as closely as possible but with adaptations to take into account the fungal lifestyle and associated practicalities of fungal recording.

#### OTHER DESIGNATIONS: LOCAL BAP SPECIES

For any Local Authority that has drawn up a list of BAP species. Designations will only apply to species recorded from the Local Authority area.

Currently, only Bracknell Forest Council have such a BAP list and relevant records are tagged Bracknell LBAP.

## INVASIVE NON-NATIVE SPECIES

Species appearing on the Environment Agency list of non-native invasive species 2014. Species may have the following designations:

**Priority Species:** Species affecting EA interests the most

**Rapid Response Species:** Very invasive species that are not yet established

## DATA ORIGIN KEY (NOVEMBER 2017)

Data Origin Abbreviation	Origin Details
ABFG	Association of British Fungus Groups
AC	Academic Researcher
AN	Abingdon Natural History Society
ARC	Amphibian & Reptile Conservation
ANHSO	Ashmolean Natural History Society (& Rare Plant Group)
BAT	Bat Licence Returns (from licenced Bat Recorders)
BBG	Binfield Badger Group
BBOWT	Berkshire, Buckinghamshire and Oxfordshire Wildlife Trust
BC	Butterfly Conservation (includes Upper Thames and National Data)
BDS	British Dragonfly Society
BENHS	British Entomological Natural History Society
BFC	Bracknell Forest Council
BFVT	Bracknell Forest Veteran Tree Survey
BGG	Bicester Green Gym
BIG	Berkshire Invertebrate Group
BLS	British Lichen Society
BLWS	Berkshire Local Wildlife Sites Project
BMG	Berkshire Mammal Group
BOC	Berkshire Bird Clubs
BOS	Banbury Ornithological Society
BRAG	Berkshire Reptile & Amphibian Group
BRC	Biological Record Centre (Monk's Wood)
BSBBG	Berks & South Berks Bat Group
BSBI	Botanical Society of the British Isles
BTC	Banbury Town Council
BTO	British Trust for Ornithology
BUWG	Bracknell Urban Wildlife Group
BWARS	Bees Wasps & Ants Recording Society
CalRS	National Calliphoridae Recording Scheme
CBT	Childe Beale Trust
CDC	Cherwell District Council
COS	County Ornithological Services (also known as BCS)
CRPG	Cotswold Rare Plant Group
CSP	Cherwell Swift Project
EA	Environment Agency (formally the National Rivers Authority)
EC	Professional Ecological Consultant
ESB	Earthworm Society of Great Britain
ET	The Earth Trust (formally the Northmoor Trust)
FFF	Friends of Faringdon Folly
FHT	Freshwater Habitat Trust
FLC	Friends of Longcot Churchyard
FROG	Froglife
FSO	Fungus Survey of Oxfordshire
FWAG	Farmland Wildlife Advisory Group
GCN	GCN Licence Return Records
HA	Highways Agency
HWMT	Hurst Water Meadows Trust
IOSF	International Otter Survival Fund

## DATA ORIGIN KEY (NOVEMBER 2017)

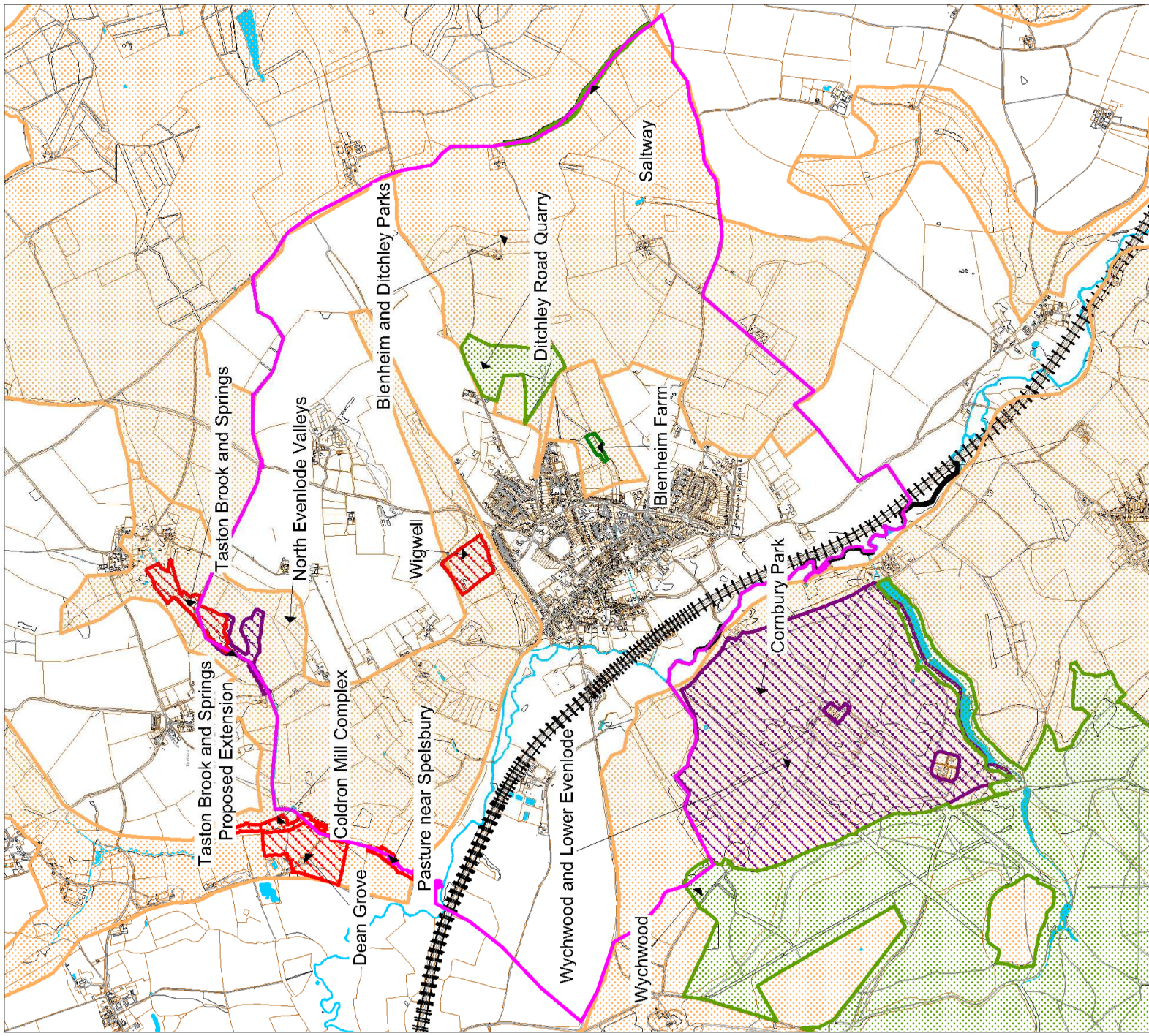
Data Origin Abbreviation	Origin Details
IREC	IRECORD Website
LBRS	Longhorn Beetle Recording Scheme
LN	Local/National Expert (known to TVERC)
LWVP	Lower Windrush Valley Project
MGLG	Moor Green Lakes Group
MOD	Ministry of Defence
MOP	Member of the Public
MS	Mammal Society
NCRS	National (Trichoptera) Caddisfly Recording Scheme
NDD	National Dormouse Database
NE	Natural England/EN/NCC
NFC	Newbury Field Club
NHM	Natural History Museum
NNSS	Non-native Species Secretariat
NPD	National Ponds Database
NRG	Newbury Ringing Group
NT	National Trust
OBG	Oxfordshire Bat Group
OBRC	Oxfordshire Biological Record Centre
OBU	Oxford Brookes University
OCC	Oxfordshire County Council
OFG	Oxfordshire Flora Group
OLWS	Oxfordshire Local Wildlife Sites Project
OMG	Oxfordshire Mossing Group
OOS	Oxfordshire Ornithological Society
ORAG	Oxfordshire Reptile & Amphibian Group
OS	Otter Spotter Project
OUNHM	Oxford University Natural History Museum
OUWG	Oxford Urban Wildlife Group
OX	Oxford City Council
OxMG	Oxford Mammal Group
PC	Pond Conservation
PL	Plantlife
PT	Plant Tracker (non-native plant tracking app.)
PTES	People's Trust for Endangered Species
RBC	Reading Borough Council
RBWM	Royal Borough of Windsor & Maidenhead
RDNHS	Reading and District natural History Society
RM	Reading Museum
RRS	Riverfly Recording Scheme
RSPB	Royal Society for the Protection of Birds
RUWG	Reading Urban Wildlife Group
RWP	Reading Woodlands Plan
SARS	Soldierflies and Allies Recording Scheme
ScRS	Scarabaeoidea Recording Scheme
SepRS	Sepsidae Recording Scheme
SO	Science Oxford
SODC	South Oxfordshire District Council

## DATA ORIGIN KEY (NOVEMBER 2017)

Data Origin Abbreviation	Origin Details
SW	Shotover Wildlife
TVERC	Thames Valley Environmental Record Centre
TVFG	Thames valley Fungus Group
TW	Thames Water
U	Unknown
UKWOT	UK Wild Otter Trust
VCH	Victoria County History (historical records)
VWH	Vale of White Horse District Council
VWT	Vincent Wildlife Trust
WB	West Berkshire District Council
WBBRS	Weevil & Bark beetle Recording Scheme
WBC	Wokingham Borough Council
WFG	Wychwood Flora Group
WIA	Wildlife in Ascot Group
WILDCRU	Wildlife Conservation Research Unit
WMUWG	Windsor & Maidenhead Urban Wildlife Group
WODC	West Oxfordshire District Council
WS	Wytham Survey
WT	Woodland Trust
WWT	Wildfowl & Wetlands Trust
YE	Dick Greenaway, concerning land owned by Yattendon Estate



# Charlbury Parish Designated Wildlife Sites



- Site of Special Scientific Interest
- Local Wildlife Sites
- Proposed Local Wildlife Sites
- Wildlife Trust Reserve
- Conservation Target Area
- Search Area

Scale: 1:30000

**COUNTY:** OXFORDSHIRE

**SITE NAME:** DITCHLEY ROAD QUARRY

**Status:** Site of Special Scientific Interest (SSSI) notified under Section 28 of the Wildlife and Countryside Act 1981

**Local Planning Authorities:** West Oxfordshire District Council, Oxfordshire County Council

**National Grid Reference:** SP370200

**Ordnance Survey Sheet 1:50,000:** 164 **1:10,000:** SP31 NE

**Date Notified (Under 1949 Act):** 1972 **Date of Last Revision:** 1977

**Date Notified (Under 1981 Act):** 1986 **Date of Last Revision:**

**Area:** 12.2 ha 30.2 ac

### **Description and Reasons for Notification**

Ditchley Road Quarry shows a rock succession from the Bajocian *Clypeus* Grit up to the basal Taynton Limestone (*progracilis* Zone, Middle Bathonian). Above the fossil-bearing limestones of the Clypeus Grit occurs the best complete (6 metres thick) section of Chipping Norton Limestone in Oxfordshire. The fossil rootlets present in the top of the Chipping Norton Limestone here are significant because they lend support to a proposed 'event correlation' of the Chipping Norton Formation with the extensively rootletted muds and sands of the Stamford Member (Rutland Formation) of Northamptonshire. This exposure of Chipping Norton Limestone is vital for our understanding of the types of environments prevalent across this part of the south Midlands during Lower Bathonian times.

The quarry is also important in interpreting the lateral lithological changes that occur in the stratigraphic level of the Sharp's Hill Formation, since it lies geographically between typelocality and the problematic Stonesfield area.

**COUNTY:** OXFORDSHIRE

**SITE NAME:** SALT WAY, DITCHLEY

**Status:** Site of Special Scientific Interest (SSSI) notified under Section 28 of the Wildlife and Countryside Act 1981

**Local Planning Authorities:** West Oxfordshire District Council

**National Grid Reference:** SP384195

**Ordnance Survey Sheet 1:50,000:** 164                      **1:10,000:** SP31 NE

**Date Notified (Under 1981 Act):** 1988                      **Date of Last Revision:**

**Area:** 2.1 ha 5.2 ha

### **Description and Reasons for Notification**

This site which consists of an ancient track together with species-rich grass verges and adjoining hedges supports a large population of the very rare plant downy woundwort *Stachys germanica*.

The trackway overlies Greater Oolitic Limestone which has weathered to produce shallow, well drained, loamy soils of the Elmton I and Sherborne series.

The parish boundary hedge which runs along the western side of the track probably dates back to Saxon times. It is extremely rich and is dominated by maple and hazel. Also present are wayfaring tree, dogwood, buckthorn, field rose and wild service tree a species strongly associated with ancient sites. The basal flora includes dog's mercury *Mercurialis perennis*, hedge woundwort *Stachys sylvatica*, hedge bedstraw *Galium mollugo*, wild basil *Clinopodium vulgare* and the uncommon cat-mint *Nepeta cataria*.

The herb-rich limestone grassland of the verges includes common rock-rose *Helianthemum nummularium*, greater knapweed *Centaurea scabiosa*, dwarf thistle *Cirsium acaule*, wild carrot *Daucus carota*, field scabious *Knautia arvensis* and hairy violet *Violet hirta*. There are also records of rare cornfield weeds such as round-leaved fluellen *Kickxia elatine* and corn salad *Valerianella locusta*.

Downy woundwort is a plant with a declining population in Britain, Belgium and elsewhere on the edge of its range in Europe. In Britain it was formerly found in Hampshire, Northamptonshire and Lincolnshire, but has recently been recorded from only four native localities in western Oxfordshire, where its survival is precarious. It is classified as endangered in the Red Data Book of Vascular Plants, and is listed in Schedule 8 of the Wildlife and Countryside Act 1981, which provides legal protection with special penalties for deliberate picking, removal or destruction of any part (including seed) of the plant in the wild.

Downy woundwort is closely associated with hedges along Roman roads and ancient tracks on the Oolite and other calcareous formations. Ditchley was an area of intense activity by pre-Roman Belgic invaders, whose extensive earthworks at Grims Ditch abut the track to the north. Subsequently the area became a major nucleus of Roman activity in Oxfordshire, and was extensively cultivated. Salt Way, which connects with Akeman Street to the south, may date from these times. Over the years the regular disturbance by cattle which were driven along these ancient tracks may have contributed to the survival of downy woundwort to germinate and grow to maturity. One of the characteristics of downy woundwort is its re-appearance when conditions are suitable and its decline resulting from its inability to withstand competition for long from other stronger growing colonist species.

Downy woundwort was first reported in Oxfordshire in the 17th century. It was recently rediscovered in this locality after an overgrown hedge was cut back by several metres to expose bare ground. It now supports the largest known British colony, with over 100 seedlings and 60 flowering stems counted in recent years.



COUNTY: OXFORDSHIRE

SITE NAME: WYCHWOOD

Status: Site of Special Scientific Interest (SSSI) notified under Section 28 of the Wildlife and Countryside Act 1981

Local Planning Authorities: West Oxfordshire District Council

National Grid Reference: SP332158

Ordnance Survey Sheet 1:50,000: 164 1:10,000: SP31 NW

Date Notified (Under 1949 Act): 1975 Date of Last Revision: 1977

Date Notified (Under 1981 Act): 1988 Date of Last Revision:

Area: 530.5 ha 1310.9 ac

### **Description and Reasons for Notification**

This site consists of the largest continuous area of ancient broadleaved forest in Oxfordshire, together with areas of limestone grassland and a series of four old marl lakes.

Wychwood Forest occupies a limestone plateau dissected by an easterly flowing tributary of the River Evenlode, which has cut through a sequence of Jurassic rocks. The valley floor rests upon Upper Lias Clays, obscured by a cover of recent alluvium. In the valley sides the clays are overlain by oolitic marls and limestones of the Inferior Oolite Series; springs emerge at the junction of these two rocks. Above this lies the sandy and marly limestone of the Great Oolite which forms much of the plateau. Despite the complex geology the formations vary little in lithology, and have eroded to produce a remarkably uniform soil of the Elmtou 1 series, consisting of well-drained, brashy, calcareous, fine loams, with only minor extents of shallow and gleyed variants.

Wychwood is a remnant of an extensive royal hunting forest. It is mostly oak-ash woodland with an understorey of hawthorn, hazel and field maple and a field layer dominated by dog's mercury *Mercurialis perennis*. The structure of much of the wood was formerly coppice-with-standards, but this has mostly been converted to high forest. The woodland structure and composition is varied and uneven-aged with a wide variety of standard trees and understorey shrubs. There is a stand of beech high forest and several species of hard and softwood trees have been planted in the wood in recent decades. There is an unusual example of forest with maple occurring as standards over an understorey of hawthorn or hazel coppice. Other frequent understorey shrubs are willow, privet, spindle, buckthorn, blackthorn, wild cherry and dogwood, with occasional rowan, crab apple, guelder rose and holly. The climbing shrubs honeysuckle and traveller's joy are widespread.

The flora contains over 360 species of flowering plant and fern, of which at least 45 are strongly associated with ancient woodland in southern England. Many uncommon plants are found in the field layer, particularly along the broad rides and in glades. These include wild columbine *Aquilegia vulgaris*, green hellebore *Helleborus viridis*, greater butterfly orchid *Platanthera chlorantha*, early purple orchid *Orchis mascula*, toothwort *Lathraea squamaria*, herb paris *Paris quadrifolia*, meadow saffron *Colchicum autumnale* and adder's tongue *Ophioglossum vulgatum*. Two very rare plants, green hound's tongue *Cynoglossum germanicum* and downy woundwort *Stachys germanica* were recorded from the forest in the past and may still occur.

Wychwood is also an exceptional site for lower plants. Over 60 mosses and liverworts and 85 lichens are recorded, many of which are unknown from elsewhere in Oxfordshire.

The site has a diverse invertebrate fauna and includes many uncommon species confined to old, undisturbed woods with mature trees and decaying timber. Several insects present in Wychwood are reported from few other localities in Britain. The fly (Diptera) fauna includes 17 rarities, four of which are listed in the British Red Data Book of Invertebrates, including the Muscid *Fannia novalis*, a species unrecorded elsewhere in Europe. The beetle fauna contains two further

Wychwood contains a species-rich limestone flora centred on an area of grassland on Newhill Plain and in some of the old quarries. These have a calcicole flora with plants such as pyramidal orchid *Anacamptis pyramidalis*, woolly thistle *Cirsium eriophorum* and wild liquorice *Astragalus glycyphyllos*. The quarries contain a mixed scrub of yew, dogwood and privet and associated plants include stinking hellebore *Helleborus foetidus*, deadly nightshade *Atropa bella-donna* and hard shield-fern *Polystichum aculeatum*.

The butterfly fauna associated with the grassland includes marbled white *Melanargia galathea*, grizzled skipper *Pyrgus malvae*, white-letter hairstreak *Strymonidia w-album*, brown argus *Aricia agestis* and Duke of Burgundy *Hamaeris lucina*. The site is also a locality for the uncommon Roman snail *Helix pomatia*.

There are four shallow marl ponds, spring-fed from underlying limestones and with cold, clear water rich in dissolved lime. Such pools are nationally rare and these are the only substantial water bodies on the southern Jurassic limestone. Their aquatic flora is both abundant and diverse, and includes calcicoles such as shining pondweed *Potamogeton lucens*, mare's tail *Hippuris vulgaris* and stoneworts *Chara* spp. The margins of the ponds and inflow streams support a varied marsh flora which includes flat sedge *Blasmus compressus*.

The ponds support an invertebrate fauna characteristic of rich unpolluted waters, and include the increasingly rare freshwater crayfish *Austropotamobius pallipes*, a species listed in the International Red Data Book of Invertebrates, and the local water bugs *Corixa panzeri* and *Micronecta scholtzi*. Fish present include ten-spined sticklebacks and bullheads, the latter being more usually a stream species. The specialised cold water fauna associated with the springs includes the planarian flatworm *Crenobia alpina* and several stoneflies (Plecoptera) and Helodid beetles.

## Oxfordshire Local Wildlife Site Description/Citation

### DEAN MEADOW/PASTURE NEAR SPELSBURY

Site Code: 32K01

Grid Reference: SP341206

Area (ha): 6.0

Local Authority: West Oxfordshire

Last Survey Date(s): 29<sup>th</sup> July 2013

Designation Date: 2002

### Site Description

This pasture is set on a gently south and east facing slope on the north side of the River Evenlode. The soils are neutral over gravel and clay, and the slight ridge and furrow suggests former drainage or medieval ploughing. At the eastern edge of the site there is the Coldron Brook and the other three sides have thick hedges. There is a large veteran oak field tree to the west.

The sward is tightly grazed by cattle and horses. It is improved to the west but includes species-rich areas to the east. The sward includes yarrow, lady's bedstraw, common knapweed, glaucous sedge and common bird's-foot trefoil. There are small amounts of lady's mantle, meadow vetchling and oxeye daisy. To the west of the brook, there is a strip with many ant-hills. Wetter areas of grassland include bugle, floating sweet-grass and red shank. Adjacent to the Coldron Brook, there is reed canary-grass, water forget-me-not, jointed rush, fool's watercress, watermint, toad rush and meadowsweet.

The hedges are species-rich with hazel, hawthorn, blackthorn and crack willow with field maple, dogwood, ash, crab apple, oak, dog rose, grey willow, elder and guelder rose.

SECTION 41 HABITATS OF PRINCIPAL IMPORTANCE: Lowland meadow

SECTION 41 SPECIES OF PRINCIPAL IMPORTANCE:

LEGALLY PROTECTED SPECIES: Badger

RED DATA BOOK SPECIES: Galingale

NATIONALLY SCARCE or NOTABLE SPECIES: Galingale

BIRDS OF CONSERVATION CONCERN: (Not specifically surveyed)

Red list: None recorded

Amber list: Green Woodpecker

TYPICAL SPECIES OF LOWLAND MEADOW: quaking grass, glaucous sedge, common knapweed, meadowsweet, common marsh bedstraw, lady's bedstraw, meadow vetchling, autumn hawkbit, rough hawkbit, oxeye daisy

and common bird's-foot-trefoil. cowslip, dropwort, great burnet, marsh marigold, meadow crane's-bill, greater bird's-foot-trefoil and pepper saxifrage.

## Oxfordshire Local Wildlife Site citation

### TASTON BROOK AND SPRINGS

Site Code: 32K05

Grid Reference: SP357217

Area (ha): 3.02

Local Authority: West Oxfordshire

Last Survey Date(s): Aug 2006

Designation Date: 02/03/2010

### Site Description

This site consists of part of the valley of the Taston Brook which lies between the villages of Taston and Spelsbury. The site comprises wet marshy habitat on the valley floor and banks of dry rough grassland either side of this. The marshy areas are found where a spring rises near the valley bottom. This forms flushes where the water spreads over the surface. The water collects to form the Taston Brook which flows south west from the site. The flushes are dominated by rushes and sedges and have wetland wildflowers. This fen habitat is a national nature conservation priority.

One of the springs has tall wetland vegetation with giant horsetail. The drier grassland in the north has some remnants of limestone and flower-rich neutral grassland. Further areas in the west were added to the site in 2009 where lowland meadow habitat with a strong calcareous influence was added. Species present include betony, devil's bit scabious, cowslip and quaking grass. This extension also includes additional species areas of scrub and some less diverse grassland including wet areas along the valley bottom. Only part of the original proposed extension was surveyed in 2009 and further areas to the south remain as a proposed extension.

The site contains small areas of lowland mixed deciduous woodland, a priority habitat for conservation in the UK. This has ash, oak, field maple and hazel coppice. Species associated with long established woodland include herb Paris, sanicle, primrose and hard shield fern.

SECTION 41 HABITATS OF PRINCIPAL IMPORTANCE: Lowland meadow, fens, lowland mixed deciduous woodland

SECTION 41 SPECIES OF PRINCIPAL IMPORTANCE:

RED DATA BOOK SPECIES:

NATIONALLY SCARCE SPECIES:

BIRDS OF CONSERVATION CONCERN: not recorded

SPECIES TYPICAL OF LOWLAND MEADOW: Common knapweed, marsh marigold, cuckoo flower, glaucous sedge, carnation sedge, common spotted orchid, meadowsweet, common marsh bedstraw, rough hawkbit, common bird's-foot trefoil, creeping Jenny, lady's bedstraw, devil's bit scabious, meadow vetchling, cowslip, betony and quaking grass. In 2006 salad burnet was also recorded.

## Oxfordshire Local Wildlife Site citation

### COLDRON MILL COMPLEX

Site Code: 32K08

Grid Reference: SP344211

Area (ha): 2.6 ha

Local Authority: West Oxfordshire

Last Survey Date(s): 11<sup>th</sup> July 2013

Designation Date: 2002

### Site Description

The site is a series of fields adjacent to the Coldron brook on the eastern side of Dean Grove LWS. To the south and west, the grassland is grazed with a short sward of creeping bent, rough meadow-grass, Yorkshire fog and meadow foxtail. There is abundant creeping buttercup, meadow buttercup and daisy. Wetter areas also have meadowsweet, wild angelica, water mint, bugle, ragged-robin, greater bird's-foot trefoil, cuckooflower and square-stalked St. John's-wort. There are small amounts of small amounts of lady's mantle, common knapweed and pignut. Wood anemone, bluebell, wood millet, wood speedwell and wild crab apple are found along the edge of Dean Grove.

The field to the north has a tall, dense sward. It is locally dominated by meadow foxtail and meadowsweet with greater pond-sedge, wild angelica, water mint, Yorkshire fog, marsh thistle, reed sweet-grass and great willowherb. There are areas towards the centre that are dominated by lesser pond-sedge.

SECTION 41 HABITATS OF PRINCIPAL IMPORTANCE: Lowland meadow

SECTION 41 SPECIES OF PRINCIPAL IMPORTANCE: none

RED DATA BOOK SPECIES: none

NATIONALLY SCARCE SPECIES: none

BIRDS OF CONSERVATION CONCERN: (not specifically surveyed)

Red list: none recorded

Amber list: green woodpecker

TYPICAL SPECIES OF LOWLAND MEADOW: cowslip, adder's tongue, autumn hawkbit, common bird's-foot-trefoil, common knapweed, common spotted-orchid, cuckooflower, glaucous sedge, lady's bedstraw, meadow crane's-bill, meadow vetchling, oxeye daisy, rough hawkbit, tormentil and carnation sedge.

TYPICAL SPECIES OF LOWLAND FEN: brooklime, floating sweet-grass, fool's water-cress, greater pond-sedge, lesser pond-sedge, reed canary-grass, reed sweet-grass, bittersweet, common vetch, great willowherb, hedge bindweed, marsh thistle, water mint, wild angelica, large bird's-foot-trefoil, meadowsweet, ragged-robin, common marsh-bedstraw, hemp-agrimony, marsh marigold and branched bur-reed.



## Oxfordshire Local Wildlife Site Description/Citation

### DEAN GROVE

Site Code: 32K01

Grid Reference: SP343210

Area (ha): 9.3ha

Local Authority: West Oxfordshire

Last Survey Date(s): 4<sup>th</sup> June 2013, 26 June 2003 (birds)

Designation Date: 2004

### Site Description

Dean Grove is lowland mixed deciduous woodland on an ancient woodland site. It is set on the south-facing side of the River Evenlode valley, and slopes gently down to the east and south where it adjoins species-rich meadows along the Coldron Brook (another Local Wildlife Site).

The canopy is dominated by ash with some oak and field maple. The shrub layer includes some more open areas and denser stands of coppiced hazel. It has abundant hazel with hawthorn, blackthorn and smaller amounts of dogwood, Midland hawthorn, elder and holly. There is a rich ground flora with abundant wood anemone, dog's mercury and bluebells with primroses, goldilocks buttercup, wood speedwell and enchanter's nightshade. A total of 25 ancient woodland indicator species have been recorded (species typical of woodland more than four hundred years old). The wood carries a good suite of woodland birds, including treecreeper, buzzard and marsh tit; woodcock was seen in 1986. The list of mosses and liverworts is good, with four local species.

SECTION 41 HABITATS OF PRINCIPAL IMPORTANCE: Lowland mixed deciduous woodland

SECTION 41 SPECIES OF PRINCIPAL IMPORTANCE: Cuckoo, Skylark

LEGALLY PROTECTED SPECIES: smooth newt, cuckoo

RED DATA BOOK SPECIES: none

NATIONALLY SCARCE or NOTABLE SPECIES: none

BIRDS OF CONSERVATION CONCERN:

Red list: Common Cuckoo, Skylark, Marsh tit, yellowhammer

Amber list: Kestrel, Woodcock, Stock Dove, Swift, Green Woodpecker, Swallow, Common Whitethroat

TYPICAL SPECIES OF LOWLAND MIXED DECIDUOUS WOODLAND: wood anemone, hairy brome, remote sedge, wood sedge, pignut, Midland hawthorn, bluebell, holly, yellow pimpernel, crab apple, wood millet, three-nerved sandwort, early purple-orchid, barren strawberry, primrose, goldilocks buttercup, sanicle, wood speedwell, guelder rose, bush vetch, red currant, wood meadow-grass, wood sorrel, slender St. John's-wort and yellow archangel. There is a queried record for white helleborine.

## Oxfordshire Local Wildlife Site citation

### WIGWELL

Site Code: 32K27/2

Grid Reference: SP358201

Area (ha): 4.7

Local Authority: West Oxfordshire

Last Survey Date(s): June 2005

Designation Date: 2006, retained 2016

### Site Description

This limestone pasture lies on a south east facing slope, sheltered by trees and running down to a stream. It is a significant site for the nationally scarce Meadow clary. Oxfordshire is the stronghold for this species and this site has numerous groups of plants with 32 mature plants seen in 2012 and 468 flower spikes recorded in 2015. The grassland includes species-rich areas dominated by upright brome with lady's bedstraw, meadow vetchling, salad burnet, common bird's-foot-trefoil, common restharrow and burnet saxifrage.

SECTION 41 HABITATS OF PRINCIPAL IMPORTANCE: Unimproved grassland (with elements of Lowland Calcareous grassland)

SECTION 41 SPECIES OF PRINCIPAL IMPORTANCE: Dunnock, Song Thrush, Reed Bunting

UK RED DATA LIST SPECIES: Nationally threatened - Meadow Clary

NATIONALLY SCARCE SPECIES: Meadow Clary

BIRDS OF CONSERVATION CONCERN: Red Kite, Barn Owl, Dunnock, Fieldfare, Song Thrush, Redwing and Reed Bunting

SPECIES CHARACTERISTIC OF CALCAREOUS GRASSLAND: quaking grass, upright brome, burnet-saxifrage, greater knapweed, common rock-rose, field scabious, fairy flax, cowslip, hoary plantain, salad burnet, common restharrow and sheep's fescue.

SPECIES CHARACTERISTIC OF LOWLAND MEADOWS: glaucous sedge, black knapweed, rough hawkbit, oxeye daisy, common bird's-foot-trefoil, meadow vetchling, meadow crane's-bill, meadowsweet, ragged-robin and lady's bedstraw.

## Oxfordshire Proposed Local Wildlife Site Description

### CORNBURY PARK

Site Code: 31I02

Grid Reference: SP350182

Area (ha): 169.46

Local Authority: West Oxfordshire

#### **Site Description**

An extensive area of historic parkland with numerous veteran trees.

SECTION 41 HABITAT(S) OF PRINCIPLE IMPORTANCE: Lowland Wood Pasture and Parkland

## **Local Geological Site Citation**

NAME: Ditchley Road Quarry (aka Town Quarry)

SITE CODE: LGS36

GRID REF: SP369202

DATE RECORDED: 04/03/2002

DISTRICT: West Oxfordshire

RIGS STATUS: Approved 29/04/2002

PARISH COUNCIL: Charlbury

SITE TYPE: Disused Quarry

### REASONS FOR LISTING:

Most complete section of Chipping Norton Limestone. Rootlet bed = even correlation with Northamptonshire. Lithological changes in Sharps Hill beds; ties between type site and problematic Stonesfield area. Safe, easy access, stepped, possible disabled access, with fossils. Limestone quarry industry. Beautiful location, ideal for public.

STRATIGRAPHY: Cretaceous, Aptian, Faringdon Sponge Gravels (nutfieldensis zone).

## BBOWT Reserves Description

### BLLENHEIM FARM

Site Code: BleF

Grid Reference: SP36501964

Area (ha): 0.7

Local Authority: West Oxfordshire

#### Site Description

This small meadow bordered by trees and old hedges offers wild flowers, butterflies and birdsong for local visitors to enjoy. This small meadow, near Charlbury, was given to the Trust to ensure its survival as a place available for walking, studying and enjoyment. The reserve is managed by local volunteers as a community nature reserve. The site lies at the top of a sheltered limestone valley. It is surrounded by hedgerows and scrubby woodland - ideal conditions for a variety of songbirds including blackcap and chiffchaff. Butterflies such as blues and the orange-tip also enjoy its sheltered warmth. Grasses and flowers include cowslips, lady's bedstraw and common knapweed - all species which are typical of alkaline to neutral soils. The old hedges contain a variety of species including field maple, crab apple, dogwood and spindle.

## **Blenheim and Ditchley Parks CTA (Conservation Target Area)**

This area includes Blenheim Park and Ditchley Park and extends onto the farmland and woodland owned by the estates.

**Joint Character Area:** Cotswolds

**Landscape Types:** Wooded Estatelands

**Geology:** Mainly limestone.

**Topography:** On the relatively flat Cotswolds plateau. Ditchley has two stream valleys while the Glyme Valley target area intersects with Blenheim.

**Area of CTA:** 2651 hectares

### **Biodiversity:**

- Parkland: Centred on two areas of historic parkland with high biodiversity. At Blenheim there are areas of old wood pasture that are an SSSI.
- Woodland: There are many large areas of woodland especially at Ditchley though areas of ancient woodland have been partly or entirely replanted. Sites include Out Wood SSSI and Kings and Wootton Woods Local Wildlife Site.
- The historic green lane "The Saltway" is the western boundary – this has limestone grassland, including a population of downy woundwort and species rich hedgerows.
- Species: There is some arable wildflower interest at Ditchley.

**Access:** Parts of Blenheim are accessible to the public. Bridleways include the Saltway, which forms part of the Wychwood Way long-distance route.

**Archaeology:** Two historic parklands. Grim's Ditch, a Scheduled Ancient Monument passes through the CTA.

### **Oxfordshire Biodiversity Action Plan Targets associated with this CTA:**

1. Parkland – management<sup>1</sup> (including veteran trees).
2. Wood pasture – management and restoration.
3. Lowland mixed deciduous woodland - management and restoration.
4. Arable Field Margins – management and creation (with particular emphasis on arable wildflowers).

<sup>1</sup> "Management" implies both maintaining the quantity, and maintaining and improving the quality of existing BAP habitat and incorporates the following target definitions: "Maintaining extent" and "Achieving Condition".

## **Northern Evenlode Valleys CTA (Conservation Target Area)**

A group of valleys on the northern side of the Evenlode Valley cutting into the Cotswolds plateau. Extends onto the plateau to the east where there is an extensive grassland recreation program.

**Joint Character Area:** Cotswolds

**Landscape Types:** Farmland Slopes and Valley Sides (eastern valleys) with small fringing patches of Farmland Plateau, Settled Ancient Pastures to the east along with Farmland Plateau.

**Geology:** The eastern sections are largely dry limestone valleys. To the west the valleys are wet with a more varied geology with Lias mudstones, limestones, some gravel and alluvial deposits along the streams. The plateau is oolitic limestone.

**Topography:** Sections of the south facing Evenlode Valley sides and a number of narrow valleys to the north of the main valley. West of Charlbury the area includes more gently valley sides. West of Chadlington it includes flatter areas of plateau land and the top end of another wider valley.

**Area of CTA:** 1448 hectares

### **Biodiversity:**

- Limestone grassland. The eastern valleys include SSSI's at Stonesfield and Reed Hill. One valley extends to the relatively flat grasslands at Newbarn Farm at the valley head. The Cotswold Line cuts through the area where limestone grassland is also found on the embankments. To the west, limestone grassland is more restricted but includes sites with meadow clary and road verge reserves. Beyond Chadlington the area extends beyond the valleys onto the plateau where limestone grassland has been recreated.
- Lowland Meadows. Between Charlbury and Chadlington lowland meadow habitat is found in the valleys. There are remnants of this habitat outside the designated sites.
- Wetland springs and flushes. Many springs and flushes supporting fen habitat are found along the eastern brooks especially at Tatson and Dean.
- Woodland: Mainly small areas including Dean Wood Local Wildlife Site. The head of the most eastern valley includes Sarsgrove Wood SSSI. There are other small areas at Stonesfield and Bridgefield Brake.
- Species: Cotswold pennycress present at one site.

**Access:** Largely restricted to footpaths and bridleways. The Oxfordshire Way and the Wychwood Way cross the area. There is a community woodland at Charlbury and a BBOWT nature reserve.

**Archaeology:** Includes Knollbury Fort west of Chadlington.

### **Oxfordshire Biodiversity Action Plan Targets associated with this CTA:**

1. Limestone (lowland calcareous) grassland – management<sup>1</sup>, restoration and creation (Core target areas are in the valleys. On the deeper soils on the adjacent plateau the potential is more limited and the key target area is west of Chadlington to extend existing schemes).
2. Lowland Meadows - management and restoration.
3. Fen (and flushes) – management and restoration.
4. Parkland (and veteran tree) – management.
5. Lowland mixed deciduous woodland – management and restoration.

<sup>1</sup> "Management" implies both maintaining the quantity, and maintaining and improving the quality of existing BAP habitat and incorporates the following target definitions: "Maintaining extent" and "Achieving Condition".



## **Wychwood and Lower Evenlode CTA (Conservation Target Area)**

The remains of Wychwood Forest and extensive areas within the old forest boundary extending as far as Eynsham Hall Park. It includes the southern side of the Evenlode Valley

**Joint Character Area:** Cotswolds

**Landscape Types:** Wooded Farmland, Wooded Estate Slopes and Valley Sides, Farmland Slopes and Valley Sides, Settled Ancient Pastures.

**Geology:** Mainly a variety of limestone rocks extending onto the Oxford Clay to the south. Some areas of glacial sand and gravel at North Leigh and in the vicinity of Wychwood Forest.

**Topography:** A rolling plateau intersected by a number of dry and wet valleys that run down to the Evenlode Valley. Includes the steeper valley sides along the southern edge of the Evenlode Valley.

**Area of CTA:** 4765 hectares

### **Biodiversity:**

- Woodland. The largest feature is the rich ancient woodland remnant of Wychwood. Numerous other woodlands, that were part of the original Forest of Wychwood, are present extending as far as Cogges Wood and Eynsham Hall Park. Also includes the hanging woodland along the Evenlode Valley including Sturt Copse SSSI.
- Parkland. There are two significant historic parklands – Cornbury which is known to be of high interest and Eynsham Hall which is thought to be of significant interest.
- Limestone grassland. This habitat is associated with the valleys that cut through the area and is also found on a section of the Cotswold Line and on road verges.
- Species rich hedgerows. Many of the hedgerows are rich in species and derived from earlier woodland clearances within the Forest of Wychwood.
- Heathland and acid grassland. Remnants of this habitat are found where the glacial sands and gravels occur especially at North Leigh Heath and also at Ramsden and within woodland to the north-west of Wychwood.

**Access:** North Leigh Common, Woodland Trust Reserve at Ramsden, Leafield Community Woodland, Breach Wood community woodland, Hailey and Little Garden Wood, Ramsden. Various footpaths and bridleways including the Wychwood Way.

### **Archaeology:**

#### **Oxfordshire Biodiversity Action Plan Targets associated with this CTA:**

1. Lowland mixed deciduous woodland – management<sup>1</sup>, restoration and creation.
2. Parkland (including veteran trees) – management.
3. Limestone (lowland calcareous) grassland – management, restoration and creation.
4. Lowland heathland and lowland dry acid grassland - management and restoration.
5. Hedgerows – management and creation.
6. Arable field margins - management and creation (particularly for arable wildflowers).
7. Ponds - management and creation.
8. Traditional orchards – management, restoration and creation.

<sup>1</sup> "Management" implies both maintaining the quantity, and maintaining and improving the quality of existing BAP habitat and incorporates the following target definitions: "Maintaining extent" and "Achieving Condition".

# **GUIDANCE ON THE VARIOUS STATUTORY AND NON-STATUTORY WILDLIFE SITE DESIGNATIONS.**

## **SITE DESIGNATIONS THAT PROTECT THE UK'S NATURAL HERITAGE THROUGH STATUTE**

### **LOCAL NATURE RESERVES (LNRs) (IN ENGLAND, SCOTLAND AND WALES)**

Under the National Parks and Access to the Countryside Act 1949 LNRs may be declared by local authorities after consultation with the relevant statutory nature conservation agency. LNRs are declared and managed for nature conservation, and provide opportunities for research and education, or simply enjoying and having contact with nature.

### **NATIONAL NATURE RESERVES (NNRS)**

NNRs contain examples of some of the most important natural and semi-natural terrestrial and coastal ecosystems in Great Britain. They are managed to conserve their habitats or to provide special opportunities for scientific study of the habitats communities and species represented within them.

NNRs are declared by the statutory country conservation agencies under the National Parks and Access to the Countryside Act 1949 and the Wildlife and Countryside Act 1981. In Northern Ireland, Nature Reserves are designated under the Amenity Lands Act (Northern Ireland) 1965.

### **RAMSAR SITES**

Ramsar sites are designated under the Convention on Wetlands of International Importance, agreed in Ramsar, Iran, in 1971. Originally intended to protect sites of importance especially as waterfowl habitat, the Convention has broadened its scope over the years to cover all aspects of wetland conservation and wise use, recognizing wetlands as ecosystems that are extremely important for biodiversity conservation in general and for the well-being of human communities. The Convention adopts a broad definition of wetland, namely "areas of marsh, fen, peatland or water, whether natural or artificial, permanent or temporary, with water that is static or flowing, fresh, brackish or salt, including areas of marine water the depth of which at low tide does not exceed six metres". Wetlands "may incorporate riparian and coastal zones adjacent to the wetlands, and islands or bodies of marine water deeper than six metres at low tide lying within the wetlands".

There is only one Ramsar site in Berkshire or Oxfordshire, South West London Waterbodies.

## **SITES OF SPECIAL SCIENTIFIC INTEREST (SSSI) (ENGLAND, SCOTLAND AND WALES)**

The SSSI series has developed since 1949 as the national suite of sites providing statutory protection for the best examples of the UK's flora, fauna, or geological or physiographical features. These sites are also used to underpin other national and international nature conservation designations. Most SSSIs are privately-owned or managed; others are owned or managed by public bodies or non-government organisations.

Originally notified under the National Parks and Access to the Countryside Act 1949, SSSIs have been renotified under the Wildlife and Countryside Act 1981. Improved provisions for the protection and management of SSSIs were introduced by the Countryside and Rights of Way Act 2000 (in England and Wales) and the Nature Conservation (Scotland) Act 2004.

## **SPECIAL AREAS OF CONSERVATION (SAC) AND SITES OF COMMUNITY IMPORTANCE (SCI)**

SACs are designated under the EC Habitats Directive. SACs are areas which have been identified as best representing the range and variety within the European Union of habitats and (non-bird) species listed on Annexes I and II to the Directive. SACs in terrestrial areas and territorial marine waters out to 12 nautical miles are designated under the Conservation (Natural Habitats, &c.) Regulations 1994 (as amended). New and/or amended Habitats sites which have been submitted to the European Commission by Government, but not yet formally adopted by the Commission, are referred to as candidate Special Areas of Conservation (cSACs). Sites which have been adopted by the EC, but not yet formally designated by governments of Member States are known as Sites of Community Importance (SCIs). In the UK, designation of SACs is devolved to the relevant administration within each country.

SACs, together with SPAs, form the Natura 2000 network.

## **SPECIAL PROTECTION AREAS (SPA)**

SPAs are classified by the UK Government under the EC Birds Directive. SPAs are areas of the most important habitat for rare (listed on Annex I to the Directive) and migratory birds within the European Union. SPAs in terrestrial areas and territorial marine waters out to 12 nautical miles are classified under the Wildlife and Countryside Act 1981.

SPAs, together with SACs, form the Natura 2000 network.

## **NON-STATUTORY NATURAL HERITAGE CONSERVATION DESIGNATIONS**

### **LOCAL WILDLIFE SITES**

Local authorities for any given area may designate certain areas as being of local conservation interest. The criteria for inclusion, and the level of protection provided, if any, may vary between areas. Most individual counties have a similar scheme, although they do vary.

Most Local Wildlife Sites systems involve a panel of ecologists and others in the development of local criteria and the selection of the sites. Panels usually include a local government ecologist, an Natural England representative, the Local Wildlife Trust, the Local Environmental Record Centre and sometimes include a representative of local landowners and local naturalists.

These sites, which may be given various titles such as 'County Wildlife Sites' (CWS), 'Local Wildlife Sites' (LWS), 'Local Nature Conservation Sites' (LNCS), 'Sites of Importance for Nature Conservation' (SINCs), or Sites of Nature Conservation Importance' (SNCIs), together with statutory designations, are defined in local plans under the Town and Country Planning system and the National Planning Policy Framework and are a material consideration when planning applications are being determined.

As part of a national standardisation process these sites have recently been renamed as Local Wildlife Sites in Oxfordshire and Berkshire. Previously they were known as County Wildlife Sites in Oxfordshire and Wildlife Heritage Sites in Berkshire. Although the use of these names, especially in citations and descriptions, is being edited and replaced with Local Wildlife Sites or LWS it is likely that some references will remain to these former names until this is complete.

### **PROPOSED LOCAL WILDLIFE SITES AND EXTENSIONS**

These are also included on designated sites maps. They are areas thought to include important areas of UKBAP habitat or priority or protected species populations. Extensions are likely to have similar habitats to the adjacent Local Wildlife Sites. Local Authorities are made aware of these sites. They will not have been fully surveyed and taken to the selection panel as yet.

### **NGO PROPERTIES / NATURE RESERVES**

A variety of non-governmental organisations such as the John Muir Trust, Plantlife, the Royal Society for the Protection of Birds, Wildlife Trusts and Woodland Trust own or manage nature reserves or other areas of land that are important for biodiversity. These sites may be intended primarily for nature conservation, or for other purposes such as protection of landscape features or the provision public access to the countryside. These areas of themselves have no statutory basis, but a large number are also designated SSSIs / NNRs / SPAs / SACs / Ramsar sites, etc.

In Berkshire and Oxfordshire, BBOWT (Berks, Bucks & Oxon Wildlife Trust), Woodland Trust and RSPB sites fall into this category.

## LOCAL GEOLOGICAL SITES (LGS)

Local Geological Sites formerly known as Regionally Important Geological and Geomorphological Sites (RIGS) are the most important places for geology and geomorphology outside statutorily protected land such as Sites of Special Scientific Interest (SSSI). As part of a national standardisation process these sites have recently been renamed as Local Geological Sites in Oxfordshire and Berkshire. Sites are selected under locally-developed criteria, according to their value for education, scientific study, historical significance or aesthetic qualities. Whilst not benefiting from statutory protection, LGS are equivalent to Local Wildlife Sites, and "*...consideration of their importance becomes integral to the planning process*".

## OTHER SITES

Occasionally other sites might be shown on maps. These are likely to be sites with some wildlife interest, usually managed by local groups, local authorities or town councils but which do not have a specific statutory or non-statutory designation.

Some local authorities within Oxfordshire and Berkshire have identified other sites which are protected through policies in their local plans, including sites of local importance to nature conservation (SLINCs) in Oxford city and district wildlife sites in Cherwell. For SLINCs we only show sites on maps that are not local wildlife sites or proposed local wildlife sites.

## CONSERVATION TARGET AREAS/ BIODIVERSITY OPPORTUNITY AREAS

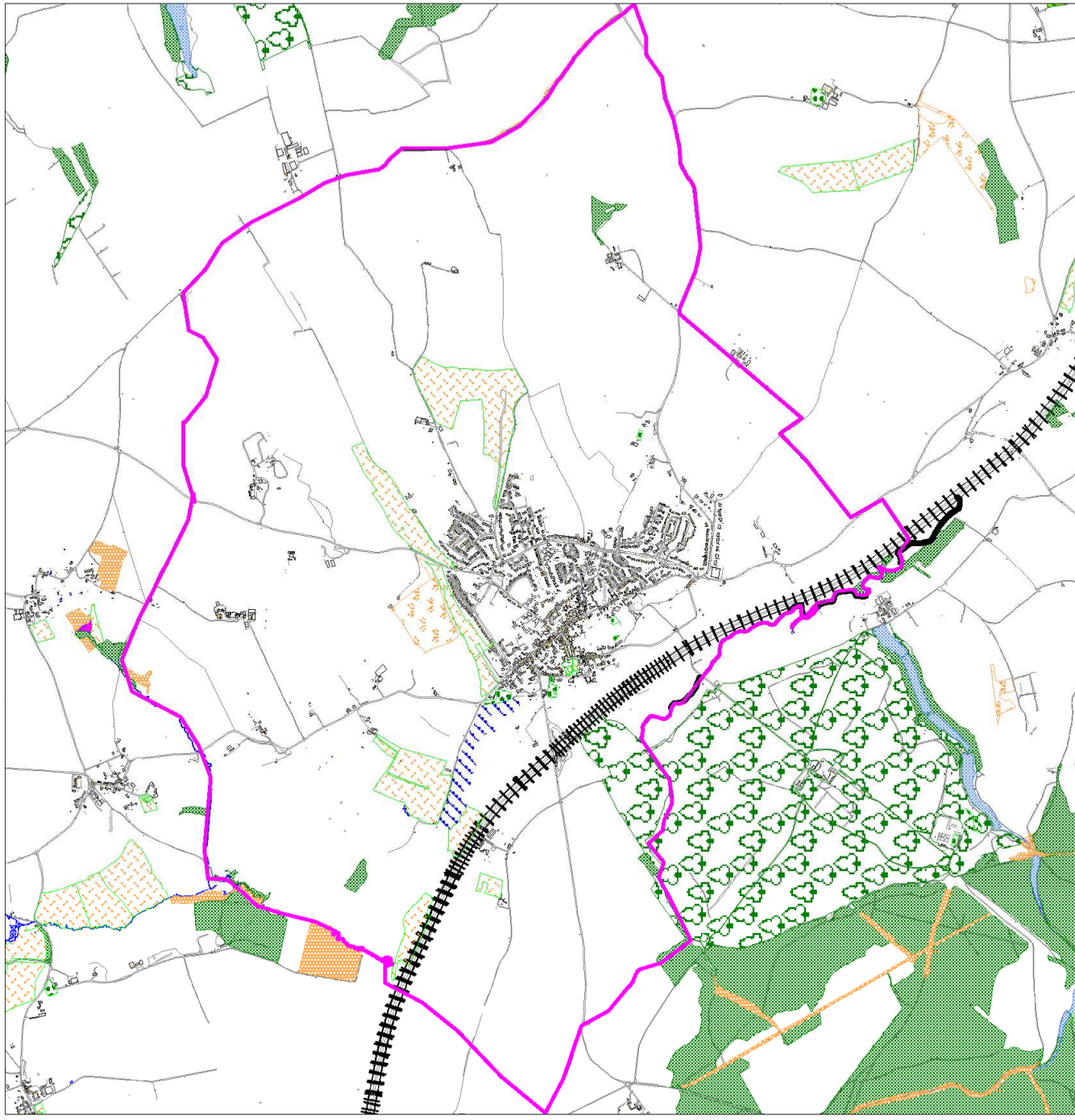
These landscape scale areas have been identified as supporting high concentrations of UKBAP habitats and species populations and the potential to restore habitats at a landscape scale. These areas act as a focus for targeting resources into habitat management and restoration.

## ANCIENT WOODLAND

Ancient woodland areas within Bracknell Forest and Wokingham Borough are from an updated layer of ancient woodland produced by TVERC for Bracknell Forest Council and Wokingham Borough Council in 2015-16. This data has been provided to Natural England but has not yet been made available and thus differs from that shown on the Magic Map Interactive Map. For information of the methodology for selecting ancient woodland areas please contact TVERC.

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# Charlbury Parish Section 41 Habitats of Principal Importance



Scale: 1:30000

- Coastal and floodplain grazing marsh
- Lowland calcareous grassland
- Lowland meadows
- Lowland mixed deciduous woodland
- Lowland wood pasture and parkland
- Possible priority grassland habitat
- Rivers

Search area

# BERKSHIRE AND OXFORDSHIRE HABITAT AND LAND USE DATA GUIDANCE

## DATA OVERVIEW

The habitat data provided is extracted from the latest GIS layers of habitats produced by Thames Valley Environmental Records Centre. These datasets are named: Berkshire Habitat and Land Use, Oxfordshire Habitat and Land Use.

## DATASET DESCRIPTION

The data maps NERC Act Section 41 habitats of principal importance (previously UKBAP priority habitats) and Phase 1 habitat classification habitats. Data provided will map either just habitats of principal importance or both depending on the request.

## DATA ORIGIN

Data has been mapped using a combination of survey data, when available, and aerial photograph interpretation.

## DATA COVERAGE

- Berkshire: nearly the whole County has been mapped besides a few gaps. Most of the mapping took place between 2004-2006. Some updates have taken place especially to map habitats of principal importance and Local Wildlife Sites as well as a complete update to Bracknell Forest in 2010.
- Oxfordshire: most of the county has been mapped. Before 2016 there were major gaps although Cherwell District, designated sites, Conservation target Areas, traditional orchards and coastal and floodplain grazing marsh had been largely mapped. In 2016-2017 mapping of the remaining areas has been undertaken. By early 2017 the gaps had been significantly reduced. The main habitats of principal importance that are missing are the woodland habitats. Mapping is currently proceeding to complete as much of this mapping as possible.

Some recent survey data may not have been incorporated.

## DATA ACCURACY

Habitat mapping started by using Ordnance Survey landline digital data to map boundaries along with aerial photographs. Since 2006 data is mapped to Ordnance Survey Mastermap polygon boundaries where applicable. This data will be more accurate although may not absolutely precisely reflect the latest version of Mastermap as it is not possible to remap all data to that version.

Depending on the data available and its age habitat polygons are mapped with the following interpretation quality:

- Definitely is this habitat
- Habitat is in polygon, but not accurately mappable
- Habitat probably in polygon, but not accurately mappable
- Not present but close to definition (this is rarely used)
- Probably is, but some uncertainty

While it is not possible to distinguish these on the maps, if further clarification of any particular polygon is required please contact TVERC.