

BIODIVERSITY REPORT

Site: Finchampstead Parish

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Prepared for: Finchampstead Parish Council

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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 RECORDS BELONGING TO THE BERKS AND SOUTH BUCKS BAT GROUP (BSBBG)

TVERC has agreed an exchange of data with BSBBG 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 “refer to BSBBG for full details” in the location column and BSBBG in the data origin column of the species table. Enquirers are recommended to contact the BSBBG direct to obtain further information. Please note that the BSBBG provides TVERC with an annual update of their records, so they may hold records for your search area that TVERC does not yet have access to. Requests for information may be submitted via the BSBBG website; www.berksbats.org.uk.

STATEMENT ON RECORDS BELONGING TO THE BINFIELD BADGER GROUP

TVERC has agreed an exchange of data with Binfield Badger Group 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 “refer to BBG for full details” in the location column and BBG in the data origin column of the species table. Enquirers are recommended to contact the Binfield Badger Group direct to obtain further information. Please note that the BBG provides TVERC with an annual update of their records, so they may hold records for your search area that TVERC does not yet have access to. It should be noted that:

- (a) Absence of data does not imply that there is no badger activity.
- (b) There is a need for a suitably qualified person to carry out a survey, or resurvey just prior to any work commencing as badgers can move into an area that previously had no activity.

Requests for information from Binfield Badger Group can be submitted to:

Binfield Badger Group
PO Box 3805
Binfield
Berks
RG42 1HH

Email: badgers@binfieldbadgers.org.uk

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.

STATEMENT ON BERKSHIRE ORNITHOLOGICAL CLUB DATA

TVERC has a data exchange agreement with the Berkshire Ornithological Club which enables us to provide ornithological data held by the Berkshire Ornithological Club for most species. However, we cannot supply records for the species below within the breeding season (April to September inclusive). If you require this information, please contact the Berkshire Ornithological Club (Richard Burness, records@berksoc.org.uk). As there may be a time lag between data recording and upload to the TVERC database, it may be advisable to contact the Berkshire Ornithological Club at the email address above for the most recent records.

Bittern
Little egret
Black redstart
Gadwall
Red-crested pochard
Marsh harrier
Hen harrier
Montagu's harrier
Goshawk
Hobby
Peregrine falcon
Quail
Corncrake
Oystercatcher
Stone-curlew
Little ringed plover
Eurasian curlew
Black-tailed godwit
Barn owl
Long-eared owl
Short-eared owl
Kingfisher
Nightjar
Wryneck
Woodlark
Cetti's warbler
Marsh warbler
Wood Warbler
Dartford warbler
Firecrest
Bearded tit

Additional resources are available to aid interpretation of the data. For example - *The Birds of Berkshire*, Bucknell, Clews, Righelato and Robinson 2nd edition 2013 (also on-line at <http://berksoc.org.uk/county-atlas/the-book/>) and *The Thames and Chilterns Bird Atlas* (<http://thamesandchilternbirdatlas.org.uk/>). Nationally published data and analysis of conservation status include - Birds of Conservation Concern 4 - *British Birds* 108 708-746 and the annually published "The State of the UK's Birds" available on the BTO and RSPB websites. In assessing sites, the local atlas projects referred to above identify areas of high avian biodiversity by reference to OS National Grid tetrads.

(2kmx2km squares) which provide information (not readily available from the BOC database) which should be referred to when assessing the importance of a site or the impact of any proposed development.

USE OF NBN ATLAS DATA

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

Paragraph 165 of 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 Atlas does not hold information on Local Wildlife Sites or priority habitats in this area and there are restrictions on public access to the majority of species records available via the NBN, so ecology reports without a data search from TVERC are at risk of non-compliance with the NPPF.

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 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	European Directives	UK Legislation	NERC s41	Other Designations	Earliest Record	Latest Record	No. of Records	Max. Abundance
Amphibians									
<i>Lissotriton helveticus</i>	Palmate Newt		WACA-Sch5-s9.5a			04/08/1992	05/09/2018	9	10
<i>Lissotriton vulgaris</i>	Smooth Newt		WACA-Sch5-s9.5a			05/07/2006	25/05/2007	3	6
<i>Triturus cristatus</i>	Great Crested Newt	HabDir-A2np HabDir-A4	HabReg-Sch2 WACA-Sch5-s9.4b/s9.4c/s9.5a	NERC-S41		05/01/2012	20/05/2015	9	3
<i>Bufo bufo</i>	Common Toad		WACA-Sch5-s9.5a	NERC-S41		20/08/1981	09/10/2010	29	1000
<i>Rana temporaria</i>	Common Frog	HabDir-A5	WACA-Sch5-s9.5a			15/07/1981	28/05/2009-21/08/2009	10	3
Birds									
<i>Branta leucopsis</i>	Barnacle Goose	BirdsDir-A1			Bird-Amber	01/02/2003	31/12/2012	335	200
<i>Branta bernicla</i>	Brent Goose			NERC-S41	Bird-Amber	15/12/2007	10/09/2012	4	1
<i>Bucephala clangula</i>	Goldeneye		WACA-Sch1-p2		Bird-Amber	01/01/2003	01/11/2015	248	12
<i>Cygnus olor</i>	Mute Swan				Bird-Amber	01/03/2006-31/07/2006	31/03/2013	119	49
<i>Cygnus columbianus</i>	Bewick's Swan	BirdsDir-A1	WACA-Sch1-p1	NERC-S41	Bird-Amber	20/12/2009	28/12/2013	6	3
<i>Anser albifrons</i>	White-fronted Goose				Bird-Red	10/01/1990	21/01/2009	3	4
<i>Anser anser</i>	Greylag Goose				Bird-Amber	28/03/2003	01/12/2013-31/12/2013	230	193
<i>Tadorna tadorna</i>	Shelduck				Bird-Amber	07/04/2007-01/05/2007	06/12/2012	164	17
<i>Anas penelope</i>	Wigeon				Bird-Amber	10/01/1990	28/12/2012	164	597
<i>Anas strepera</i>	Gadwall				Bird-Amber	01/02/2003	01/07/2013-31/07/2013	244	279
<i>Anas crecca</i>	Teal				Bird-Amber	1988 - 1994	26/12/2012	344	100
<i>Anas platyrhynchos</i>	Mallard				Bird-Amber	20/08/1981	28/12/2012	337	163
<i>Anas acuta</i>	Pintail		WACA-Sch1-p2		Bird-Amber	01/10/2004	19/03/2012	85	7
<i>Anas querquedula</i>	Garganey		WACA-Sch1-p1		Bird-Amber	13/04/2003	24/03/2012	9	2
<i>Anas clypeata</i>	Shoveler				Bird-Amber	01/01/2003	28/12/2012	373	153
<i>Aythya ferina</i>	Pochard				Bird-Red	10/01/1990	28/12/2012	320	176
<i>Aythya marila</i>	Scaup		WACA-Sch1-p1	NERC-S41	Bird-Red	28/02/2005	16/02/2010	3	1
<i>Melanitta nigra</i>	Common Scoter		WACA-Sch1-p1	NERC-S41	Bird-Red	05/07/2012	05/12/2012	4	4
<i>Mergellus albellus</i>	Smew	BirdsDir-A1			Bird-Amber	01/01/2009-02/01/2009	01/11/2015	19	2
<i>Egretta garzetta</i>	Little Egret	BirdsDir-A1				12/12/2003	31/12/2012	346	4
<i>Botaurus stellaris</i>	Bittern	BirdsDir-A1	WACA-Sch1-p1	NERC-S41	Bird-Amber	16/02/2003	03/03/2012	28	1
<i>Platalea leucorodia</i>	Spoonbill	BirdsDir-A1	WACA-Sch1-p1		Bird-Amber	05/07/2003	05/07/2003	1	2
<i>Podiceps auritus</i>	Slavonian Grebe	BirdsDir-A1	WACA-Sch1-p1		Bird-Red	14/12/2004-18/12/2004	11/03/2011	13	1
<i>Podiceps nigricollis</i>	Black-necked Grebe		WACA-Sch1-p1		Bird-Amber	23/09/2003	23/03/2012	28	1

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<i>Milvus milvus</i>	Red Kite	BirdsDir-A1	WACA-Sch1-p1		RL-Global-post2001-NT	11/08/2003	01/12/2013-31/12/2013	105	5
<i>Circus aeruginosus</i>	Marsh Harrier	BirdsDir-A1	WACA-Sch1-p1		Bird-Red Bird-Amber	08/09/2009	08/08/2013	7	1
<i>Circus cyaneus</i>	Hen Harrier	BirdsDir-A1	WACA-Sch1-p1	NERC-S41		20/01/2009	31/01/2009	6	1
<i>Pandion haliaetus</i>	Osprey	BirdsDir-A1	WACA-Sch1-p1		Bird-Amber	05/08/2004	26/03/2011	9	2
<i>Falco tinnunculus</i>	Kestrel				Bird-Amber	20/08/1981	28/12/2012	261	4
<i>Falco columbarius</i>	Merlin	BirdsDir-A1	WACA-Sch1-p1		Bird-Red	19/04/2011	10/11/2013	2	1
<i>Falco subbuteo</i>	Hobby		WACA-Sch1-p1			1988 - 1994	01/10/2013-31/10/2013	96	6
<i>Falco peregrinus</i>	Peregrine	BirdsDir-A1	WACA-Sch1-p1			01/10/2003	2013	55	2
<i>Grus grus</i>	Crane	BirdsDir-A1			Bird-Amber	05/05/2012	05/05/2012	2	3
<i>Haematopus ostralegus</i>	Oystercatcher				Bird-Amber	13/03/2004	28/03/2011	11	2
<i>Charadrius dubius</i>	Little Ringed Plover		WACA-Sch1-p1			23/03/2004	31/03/2012	55	17
<i>Charadrius hiaticula</i>	Ringed Plover				Bird-Red Bird-Amber	04/02/2004	08/12/2013	63	9
<i>Pluvialis apricaria</i>	Golden Plover	BirdsDir-A1				02/08/2005	17/11/2011	18	630
<i>Pluvialis squatarola</i>	Grey Plover				Bird-Amber	30/05/2009	30/05/2009-01/06/2009	5	1
<i>Vanellus vanellus</i>	Lapwing			NERC-S41	Bird-Red	10/01/1990	28/12/2012	580	900
<i>Recurvirostra avosetta</i>	Avocet	BirdsDir-A1	WACA-Sch1-p1		Bird-Amber	20/04/2007	05/04/2012	27	1
<i>Actitis hypoleucos</i>	Common Sandpiper				Bird-Amber	10/01/1990	12/01/2012	258	10
<i>Gallinago gallinago</i>	Snipe				Bird-Amber	10/01/1990	31/12/2012	431	40
<i>Numenius phaeopus</i>	Whimbrel		WACA-Sch1-p1		Bird-Red	16/04/2004	15/05/2013	30	28
<i>Numenius arquata</i>	Curlew			NERC-S41	Bird-Red RL-Global-post2001-NT	03/12/2005	16/09/2013	12	3
<i>Scolopax rusticola</i>	Woodcock				Bird-Red	15/12/2004	20/11/2011	8	4
<i>Calidris canutus</i>	Knot				Bird-Amber	28/05/2007	28/05/2007	1	1
<i>Calidris alba</i>	Sanderling				Bird-Amber	27/05/2007	17/06/2012	9	7
<i>Calidris ferruginea</i>	Curlew Sandpiper				Bird-Amber	23/09/2007	23/09/2007	1	3
<i>Calidris alpina</i>	Dunlin				Bird-Amber	14/05/2003	19/08/2013	73	8
<i>Calidris pugnax</i>	Ruff	BirdsDir-A1	WACA-Sch1-p1		Bird-Red	15/08/2004	15/09/2013	13	1
<i>Limosa limosa</i>	Black-tailed Godwit		WACA-Sch1-p1	NERC-S41	Bird-Red RL-Global-post2001-NT	16/12/2004	19/08/2013	12	28
<i>Limosa lapponica</i>	Bar-tailed Godwit	BirdsDir-A1			Bird-Amber	05/01/2004	05/01/2004	1	1
<i>Tringa erythropus</i>	Spotted Redshank				Bird-Amber	05/01/2004	05/10/2007	3	1
<i>Tringa totanus</i>	Redshank				Bird-Amber	28/03/2003	25/11/2012	343	8
<i>Tringa nebularia</i>	Greenshank		WACA-Sch1-p1		Bird-Amber	17/04/2004	26/10/2011	48	5

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<i>Tringa ochropus</i>	Green Sandpiper		WACA-Sch1-p1		Bird-Amber	10/01/1990	01/02/2013-28/02/2013	473	27
<i>Tringa glareola</i>	Wood Sandpiper	BirdsDir-A1	WACA-Sch1-p1		Bird-Amber	28/04/2003	08/10/2013	24	2
<i>Arenaria interpres</i>	Turnstone				Bird-Amber	20/07/2007	25/08/2012	9	3
<i>Hydrocoloeus minutus</i>	Little Gull	BirdsDir-A1	WACA-Sch1-p1			04/03/2004	24/04/2007	27	5
<i>Larus melanocephalus</i>	Mediterranean Gull	BirdsDir-A1	WACA-Sch1-p1		Bird-Amber	01/04/2005	21/07/2013	11	1
<i>Larus canus</i>	Common Gull				Bird-Amber	24/08/2003	28/12/2012	236	130
<i>Larus fuscus</i>	Lesser Black-backed Gull				Bird-Amber	01/03/2006-31/07/2006	23/09/2013	165	2950
<i>Larus michahellis</i>	Yellow-legged Gull				Bird-Amber	14/01/2007-29/01/2007	13/11/2012	56	31
<i>Larus argentatus</i>	Herring Gull			NERC-S41	Bird-Red	08/11/2003	26/12/2012	107	80
<i>Larus glaucoides</i>	Iceland Gull				Bird-Amber	17/01/2011	17/01/2011	2	1
<i>Larus marinus</i>	Great Black-backed Gull				Bird-Amber	19/03/2004	21/12/2012	12	5
<i>Larus cachinnans</i>	Caspian Gull				Bird-Amber	17/11/2007	17/11/2007	1	1
<i>Chroicocephalus ridibundus</i>	Black-headed Gull				Bird-Amber	20/08/1981	2013	437	400
<i>Chlidonias niger</i>	Black Tern	BirdsDir-A1	WACA-Sch1-p1			17/04/2003	05/03/2011	13	4
<i>Sterna sandvicensis</i>	Sandwich Tern	BirdsDir-A1			Bird-Amber	07/10/2011	07/10/2011	3	2
<i>Sterna hirundo</i>	Common Tern	BirdsDir-A1			Bird-Amber	27/03/2003	29/08/2012	352	57
<i>Sterna paradisaea</i>	Arctic Tern	BirdsDir-A1			Bird-Amber	05/04/2007	05/08/2010	3	31
<i>Columba oenas</i>	Stock Dove				Bird-Amber	29/04/1990	28/06/2013	94	96
<i>Streptopelia turtur</i>	Turtle Dove			NERC-S41	Bird-Red	20/08/1981	20/08/1981	1	Present
<i>Cuculus canorus</i>	Cuckoo			NERC-S41	Bird-Red	15/07/1981	06/03/2012	55	2
<i>Tyto alba</i>	Barn Owl		WACA-Sch1-p1			11/01/2004	2013	122	4
<i>Strix aluco</i>	Tawny Owl				Bird-Amber	20/08/1981	25/05/2017	22	2
<i>Asio flammeus</i>	Short-eared Owl	BirdsDir-A1			Bird-Amber	17/10/2010	17/11/2011	7	1
<i>Caprimulgus europaeus</i>	Nightjar	BirdsDir-A1		NERC-S41	Bird-Amber	1988 - 1994	25/07/2011	3	1
<i>Apus apus</i>	Swift				Bird-Amber BF-LBAP	29/04/2003	22/06/2013	131	250
<i>Alcedo atthis</i>	Kingfisher	BirdsDir-A1	WACA-Sch1-p1		Bird-Amber BF-LBAP	09/11/2003	2013	58	2
<i>Dendrocopos minor</i>	Lesser Spotted Woodpecker			NERC-S41	Bird-Red	09/12/1984	25/12/2011	14	1
<i>Cettia cetti</i>	Cetti's Warbler		WACA-Sch1-p1			24/04/2013	05/10/2013	2	1
<i>Locustella naevia</i>	Grasshopper Warbler			NERC-S41	Bird-Red	09/02/2007	03/05/2013-05/05/2013	5	1
<i>Phylloscopus sibilatrix</i>	Wood Warbler			NERC-S41	Bird-Red	1988 - 1994	1988 - 1994	1	1
<i>Phylloscopus trochilus</i>	Willow Warbler				Bird-Amber	15/07/1981	2013	87	7
<i>Lullula arborea</i>	Woodlark	BirdsDir-A1	WACA-Sch1-p1	NERC-S41		02/08/2005	02/08/2005	1	1

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<i>Alauda arvensis</i>	Skylark			NERC-S41	Bird-Red BF-LBAP	1996	20/10/2013	73	11
<i>Delichon urbicum</i>	House Martin				Bird-Amber	18/05/2005	30/09/2012	60	300
<i>Anthus trivialis</i>	Tree Pipit			NERC-S41	Bird-Red	1988 - 1994	1988 - 1994	1	1
<i>Anthus pratensis</i>	Meadow Pipit				Bird-Amber	10/01/1990	12/08/2012	50	50
<i>Anthus spinoletta</i>	Water Pipit				Bird-Amber	28/03/2003	17/10/2009	3	2
<i>Motacilla flava</i>	Yellow Wagtail			NERC-S41	Bird-Red	17/09/2003	05/05/2012	29	6
<i>Motacilla flava subsp. flavissima</i>	Yellow Wagtail			NERC-S41	Bird-Red	01/01/1995- 31/12/1995	29/08/2009	8	6
<i>Motacilla cinerea</i>	Grey Wagtail				Bird-Red	01/10/2003	21/12/2012	103	4
<i>Prunella modularis</i>	Dunnock			NERC-S41	Bird-Amber	20/08/1981	2013	202	30
<i>Phoenicurus ochruros</i>	Black Redstart		WACA-Sch1-p1		Bird-Red	15/11/2011	15/11/2011	2	1
<i>Phoenicurus phoenicurus</i>	Redstart				Bird-Amber	01/03/2006- 31/07/2006	01/03/2006- 31/07/2006	1	Present
<i>Saxicola rubetra</i>	Whinchat				Bird-Red	25/08/2003	09/02/2013	27	2
<i>Turdus torquatus</i>	Ring Ouzel			NERC-S41	Bird-Red	06/04/2005	06/04/2005	1	1
<i>Turdus pilaris</i>	Fieldfare		WACA-Sch1-p1		Bird-Red	20/08/1981	12/10/2012	129	200
<i>Turdus philomelos</i>	Song Thrush			NERC-S41	Bird-Red	20/08/1981	2013	115	10
<i>Turdus iliacus</i>	Redwing		WACA-Sch1-p1		Bird-Red	20/08/1981	2013	136	200
<i>Turdus viscivorus</i>	Mistle Thrush				Bird-Red	20/08/1981	26/11/2012	25	7
<i>Muscicapa striata</i>	Spotted Flycatcher			NERC-S41	Bird-Red	05/08/2003	13/08/2012	24	4
<i>Regulus ignicapilla</i>	Firecrest		WACA-Sch1-p1			03/01/2003	13/02/2013	18	2
<i>Poecile montana</i>	Willow Tit			NERC-S41	Bird-Red	20/08/1981	20/08/1981	1	Present
<i>Poecile palustris</i>	Marsh Tit			NERC-S41	Bird-Red	17/03/2005	17/03/2005	1	3
<i>Sturnus vulgaris</i>	Starling			NERC-S41	Bird-Red	20/08/1981	05/03/2013	136	100
<i>Passer domesticus</i>	House Sparrow			NERC-S41	Bird-Red	20/08/1981	28/06/2013	20	8
<i>Passer montanus</i>	Tree Sparrow			NERC-S41	Bird-Red	10/01/1990	10/01/1990	1	Present
<i>Acanthis cabaret</i>	Lesser Redpoll			NERC-S41	Bird-Red	01/08/2003	28/12/2012	112	100
<i>Acanthis flammea</i>	Common (Mealy) Redpoll				Bird-Amber	20/08/1981	16/12/2012	12	2
<i>Linaria cannabina</i>	Linnet			NERC-S41	Bird-Red	02/03/2003	01/05/2013- 31/05/2013	195	100
<i>Fringilla montifringilla</i>	Brambling		WACA-Sch1-p1			01/01/2003	12/02/2012	66	30
<i>Loxia curvirostra</i>	Common Crossbill		WACA-Sch1-p1			24/04/2003	26/08/2012	3	5
<i>Pyrrhula pyrrhula</i>	Bullfinch			NERC-S41	Bird-Amber	20/08/1981	28/12/2012	253	11
<i>Emberiza citrinella</i>	Yellowhammer			NERC-S41	Bird-Red	20/08/1981	15/02/2012	55	19
<i>Emberiza schoeniclus</i>	Reed Bunting			NERC-S41	Bird-Amber	04/02/2003	28/12/2012	133	21
Fungi									

Taxon Name	Common Name	European Directives	UK Legislation	NERC s41	Other Designations	Earliest Record	Latest Record	No. of Records	Max. Abundance
<i>Leccinum scabrum</i>	Brown Birch Bolete				RL-GB-post2001-DD	18/10/1995	10/08/2017	3	Present
Higher Plants - Flowering Plants									
<i>Hyacinthoides non-scripta</i>	Bluebell		WACA-Sch8			15/07/1981	08/01/2018	35	Present
<i>Ruscus aculeatus</i>	Butcher's-broom	HabDir-A5				15/07/1981	20/04/1990	2	Present
<i>Eriophorum angustifolium</i>	Common Cottongrass				RL-Eng-post2001-VU	09/08/1982	17/05/1993	3	Present
<i>Carex echinata</i>	Star Sedge				RL-Eng-post2001-NT	17/05/1993	22/06/2009	6	Present
<i>Nardus stricta</i>	Mat-grass				RL-Eng-post2001-NT	29/07/2004	29/07/2004	1	Present
<i>Ranunculus flammula</i>	Lesser Spearwort				RL-Eng-post2001-VU	15/07/1981	25/05/2017	25	Present
<i>Potentilla erecta</i>	Tormentil				RL-Eng-post2001-NT	15/07/1981	08/01/2018	35	1
<i>Potentilla palustris</i>	Marsh Cinquefoil				RL-Eng-post2001-NT	14/06/1984	14/06/1984	2	Present
<i>Fragaria vesca</i>	Wild Strawberry				RL-Eng-post2001-NT	15/07/1981	17/08/2011	7	1
<i>Plantago media</i>	Hoary Plantain				RL-Eng-post2001-NT	09/04/1995-08/08/1995	09/04/1995-08/08/1995	2	Present
<i>Veronica officinalis</i>	Heath Speedwell				RL-Eng-post2001-NT	19/06/2002	25/05/2017	3	Present
<i>Veronica scutellata</i>	Marsh Speedwell				RL-Eng-post2001-NT	07/10/2006	07/10/2006	1	Present
<i>Mentha arvensis</i>	Corn Mint				RL-Eng-post2001-NT	17/05/1993	17/05/1993	1	Present
<i>Melampyrum pratense</i>	Common Cow-wheat				RL-Eng-post2001-NT	15/07/1981	29/07/2004	8	Present
<i>Pedicularis sylvatica</i>	Lousewort				RL-Eng-post2001-VU	21/05/1991	21/05/1991	1	Present
<i>Trifolium occidentale</i>	Western Clover				Status-NS	24/05/2006	24/05/2006	1	Present
<i>Genista anglica</i>	Petty Whin				RL-Eng-post2001-VU RL-GB-post2001-NT	21/05/1991	21/05/1991	1	Present
<i>Polygala serpyllifolia</i>	Heath Milkwort				RL-Eng-post2001-NT	21/05/1991	21/05/1991	1	Present
<i>Calluna vulgaris</i>	Heather				RL-Eng-post2001-NT	28/07/1981	25/05/2017	29	1
<i>Erica cinerea</i>	Bell Heather				RL-Eng-post2001-NT	28/07/1981	22/06/2009	16	Present
<i>Erica tetralix</i>	Cross-leaved Heath				RL-Eng-post2001-NT	28/07/1981	25/05/2017	20	1
<i>Pyrola minor</i>	Common Wintergreen				RL-Eng-post2001-NT	1986	1986	1	Present
<i>Drosera rotundifolia</i>	Round-leaved Sundew				RL-Eng-post2001-NT	1986	25/05/2017	2	Present
<i>Moenchia erecta</i>	Upright Chickweed				RL-Eng-post2001-VU	03/01/1988	03/01/1988	1	Present
<i>Silene flos-cuculi</i>	Ragged-Robin				RL-Eng-post2001-NT	17/06/1983	25/05/2017	8	Present
<i>Oxalis acetosella</i>	Wood-sorrel				RL-Eng-post2001-NT	15/07/1981	07/10/2006	16	Present
<i>Salix repens</i>	Creeping Willow				RL-Eng-post2001-NT	20/08/1981	20/08/1981	2	Present
<i>Hypericum elodes</i>	Marsh St John's-wort				RL-Eng-post2001-NT	03/01/1988	03/01/1988	1	Present
<i>Althaea officinalis</i>	Marsh-mallow				Status-NS RL-Eng-post2001-NT	25/06/2015	25/06/2015	1	1
<i>Isatis tinctoria</i>	Woad				Status-NS	20/08/1981	20/08/1981	1	Present
<i>Filago vulgaris</i>	Common Cudweed				RL-Eng-post2001-NT RL-GB-post2001-NT	01/01/2006-31/12/2006	01/01/2006-31/12/2006	1	Present

Taxon Name	Common Name	European Directives	UK Legislation	NERC s41	Other Designations	Earliest Record	Latest Record	No. of Records	Max. Abundance
<i>Gnaphalium sylvaticum</i>	Heath Cudweed				RL-Eng-post2001-EN RL-GB-post2001-EN	01/01/2006-31/12/2006	01/01/2006-31/12/2006	1	Present
<i>Solidago virgaurea</i>	Goldenrod				RL-Eng-post2001-NT	08/12/1981	08/12/1981	1	Present
<i>Valeriana officinalis</i>	Common Valerian				RL-Eng-post2001-NT	15/07/1981	07/05/1996	3	Present
<i>Knautia arvensis</i>	Field Scabious				RL-Eng-post2001-NT	01/01/2006-31/12/2006	01/01/2006-31/12/2006	1	Present
<i>Succisa pratensis</i>	Devil's-bit Scabious				RL-Eng-post2001-NT	21/05/1991	08/01/2018	4	Present
<i>Hydrocotyle vulgaris</i>	Marsh Pennywort				RL-Eng-post2001-NT	28/07/1981	18/09/2009	7	Present
<i>Sanicula europaea</i>	Sanicle				RL-Eng-post2001-NT	20/04/1990	20/04/1990	1	Present
<i>Pulmonaria longifolia</i>	Narrow-leaved Lungwort				Status-NS	14/06/1984	14/06/1984	1	Present
Invertebrates - Ants, Bees, Sawflies & Wasps									
<i>Formica rufa</i>	Red Wood Ant				RL-Global-post94-NT	06/03/1986	12/01/2005	2	1
Invertebrates - Beetles									
<i>Sitona waterhousei</i>	A Beetle				Notable-B	20/08/2011	31/08/2014	4	Present
<i>Rhinocyllus conicus</i>	A Beetle				Notable-A	06/06/2014	06/06/2014	1	Present
<i>Stenus (Hypostenus) fornicatus</i>	A Beetle				Notable-B	05/08/1991	05/08/1991	1	1
<i>Hydaticus seminiger</i>	A Beetle				Status-NS	05/08/1991	05/08/1991	1	1
<i>Bembidion (Ocydromus) lunatum</i>	A Beetle				Notable-B	12/01/2005	12/01/2005	1	1
<i>Hydrochus angustatus</i>	A Beetle				Status-NS	12/01/2005	12/01/2005	1	1
<i>Helochares punctatus</i>	A Beetle				Status-NS	05/01/1985	12/01/2005	4	7
<i>Lucanus cervus</i>	Stag Beetle	HabDir-A2np	WACA-Sch5-s9.5a	NERC-S41	Notable-B	06/07/1998	06/09/2007	17	4
<i>Tritoma bipustulata</i>	A Beetle				Notable-A	05/01/1985	03/01/1988	2	1
<i>Pyrochroa coccinea</i>	Black-headed Cardinal Beetle				Notable-B	12/01/2005	12/01/2005	1	2
Invertebrates - Butterflies									
<i>Coenonympha pamphilus</i>	Small Heath			NERC-S41	RL-GB-post2001-NT	1990	25/07/2012	10	2
<i>Hipparchia semele</i>	Grayling			NERC-S41	RL-GB-post2001-VU	23/07/1990	21/08/2014	10	1
<i>Limenitis camilla</i>	White Admiral			NERC-S41	RL-GB-post2001-VU	07/08/2010	07/08/2010	1	1
<i>Plebejus argus</i>	Silver-studded Blue		WACA-Sch5-s9.5a	NERC-S41	RL-GB-post2001-VU	1986	1986	1	Present
Invertebrates - Dragonflies & Damselflies									
<i>Somatochlora metallica</i>	Brilliant Emerald				RL-GB-post2001-VU	21/06/2016	21/06/2016	1	2
Invertebrates - Moths									
<i>Hepialus humuli</i>	Ghost Moth			NERC-S41		01/01/1995-31/12/1995	April 2009 - September 2009	3	Present
<i>Watsonalla binaria</i>	Oak Hook-tip			NERC-S41		01/01/1995-31/12/1995	01/01/1995-31/12/1995	2	Present

Taxon Name	Common Name	European Directives	UK Legislation	NERC s41	Other Designations	Earliest Record	Latest Record	No. of Records	Max. Abundance
<i>Timandra comae</i>	Blood-vein			NERC-S41		31/05/1996-09/06/1996	31/05/1996-09/06/1996	1	1
<i>Scotopteryx chenopodiata</i>	Shaded Broad-bar			NERC-S41		01/01/1995-31/12/1995	28/07/2002	3	1
<i>Ennomos quercinaria</i>	August Thorn			NERC-S41		April 2009 - September 2009	April 2009 - September 2009	1	Present
<i>Ennomos erosaria</i>	September Thorn			NERC-S41		01/01/2007-31/12/2007	01/01/2007-31/12/2007	1	Present
<i>Spilosoma lutea</i>	Buff Ermine			NERC-S41		01/01/1995-31/12/1995	01/01/1995-31/12/1995	2	Present
<i>Spilosoma lubricipeda</i>	White Ermine			NERC-S41		April 2009 - September 2009	April 2009 - September 2009	1	Present
<i>Tyria jacobaeae</i>	Cinnabar			NERC-S41		03/01/1988	29/07/2004	2	Present
<i>Pechipogo strigilata</i>	Common Fan-foot			NERC-S41		01/01/1995-31/12/1995	01/01/1995-31/12/1995	1	Present
<i>Acronicta psi</i>	Grey Dagger			NERC-S41		01/01/1995-31/12/1995	01/01/1995-31/12/1995	1	Present
<i>Amphipoea oculea</i>	Ear Moth			NERC-S41		01/01/1995-31/12/1995	01/01/1995-31/12/1995	2	Present
<i>Aporophyla lutulenta</i>	Deep-brown Dart			NERC-S41		01/01/2007-31/12/2007	01/01/2007-31/12/2007	1	Present
<i>Melanchra persicariae</i>	Dot Moth			NERC-S41		01/01/1995-31/12/1995	01/01/1995-31/12/1995	2	Present
<i>Diarsia rubi</i>	Small Square-spot			NERC-S41		April 2009 - September 2009	April 2009 - September 2009	1	Present
<i>Eugnorisma glareosa</i>	Autumnal Rustic			NERC-S41		April 2009 - September 2009	April 2009 - September 2009	1	Present
Invertebrates - True Bugs									
<i>Microvelia (Microvelia) pygmaea</i>	A True Bug				Notable-B	12/01/2005	12/01/2005	1	1
Invertebrates - True Flies									
<i>Panzeria puparum</i>	A True Fly				RL-GB-pre94-VU	03/09/1998	03/09/1998	1	1
Lichens									
<i>Cladonia portentosa</i>	Reindeer Moss	HabDir-A5				1970 - 1988	1970 - 1988	1	Present
Lower Plants - Mosses									
<i>Sphagnum</i>	Bog Moss	HabDir-A5				21/05/1991	25/05/2017	13	1
<i>Sphagnum capillifolium</i>	Red Bog-moss	HabDir-A5				1986	1986	1	Present
<i>Sphagnum cuspidatum</i>	Feathery Bog-moss	HabDir-A5				1986	1986	1	Present
<i>Sphagnum fimbriatum</i>	Fringed Bog-moss	HabDir-A5				20/08/1981	1986	3	Present

Taxon Name	Common Name	European Directives	UK Legislation	NERC s41	Other Designations	Earliest Record	Latest Record	No. of Records	Max. Abundance
<i>Sphagnum palustre</i>	Blunt-leaved Bog-moss	HabDir-A5				20/08/1981	20/08/1981	1	Present
<i>Sphagnum recurvum</i>	A Moss	HabDir-A5				1986	1986	1	Present
Mammals - Terrestrial (bats)									
<i>Chiroptera</i>	Bats	HabDir-A2np HabDir-A4	HabReg-Sch2 WACA-Sch5- s9.4b/s9.4c/s9.5a/s9.5b	NERC-S41	RL-Global-post2001-NT	07/10/2000	13/10/2017	6	500
<i>Vespertilionidae</i>	Bats	HabDir-A2np HabDir-A4	HabReg-Sch2 WACA-Sch5- s9.4b/s9.4c/s9.5a/s9.5b	NERC-S41	RL-Global-post2001-NT	07/01/2015	07/01/2015	2	Present
<i>Barbastella barbastellus</i>	Western Barbastelle	HabDir-A2np HabDir-A4	HabReg-Sch2 WACA-Sch5- s9.4b/s9.4c/s9.5a/s9.5b	NERC-S41	RL-Global-post2001-NT	08/04/2015	08/04/2015	1	Present
<i>Eptesicus serotinus</i>	Serotine	HabDir-A4	HabReg-Sch2 WACA-Sch5- s9.4b/s9.4c/s9.5a/s9.5b			08/01/2008	07/03/2017	18	5
<i>Myotis</i>	Unidentified Bat	HabDir-A2np HabDir-A4	HabReg-Sch2 WACA-Sch5- s9.4b/s9.4c/s9.5a/s9.5b	NERC-S41	RL-Global-post2001-NT	09/01/2008	07/03/2017	17	1
<i>Myotis daubentonii</i>	Daubenton's Bat	HabDir-A4	HabReg-Sch2 WACA-Sch5- s9.4b/s9.4c/s9.5a/s9.5b			01/01/2002- 31/12/2002	17/07/2017	5	1
<i>Myotis nattereri</i>	Natterer's Bat	HabDir-A4	HabReg-Sch2 WACA-Sch5- s9.4b/s9.4c/s9.5a/s9.5b			09/01/2012	09/01/2012	1	Present
<i>Nyctalus leisleri</i>	Lesser Noctule	HabDir-A4	HabReg-Sch2 WACA-Sch5- s9.4b/s9.4c/s9.5a/s9.5b			05/07/2014	07/01/2015	3	Present
<i>Nyctalus noctula</i>	Noctule Bat	HabDir-A4	HabReg-Sch2 WACA-Sch5- s9.4b/s9.4c/s9.5a/s9.5b	NERC-S41		19/08/2013	08/03/2017	31	1
<i>Pipistrellus</i>	Pipistrelle Bat species	HabDir-A4	HabReg-Sch2 WACA-Sch5- s9.4b/s9.4c/s9.5a/s9.5b	NERC-S41		1994 - 2000	31/10/2017	47	83

Taxon Name	Common Name	European Directives	UK Legislation	NERC s41	Other Designations	Earliest Record	Latest Record	No. of Records	Max. Abundance
<i>Pipistrellus pipistrellus</i>	Common Pipistrelle	HabDir-A4	HabReg-Sch2 WACA-Sch5- s9.4b/s9.4c/s9.5a/s9.5b			07/01/2004	07/01/2004	1	Present
<i>Pipistrellus nathusii</i>	Nathusius's Pipistrelle	HabDir-A4	HabReg-Sch2 WACA-Sch5- s9.4b/s9.4c/s9.5a/s9.5b			05/09/2017	29/09/2017	5	1
<i>Pipistrellus pipistrellus</i>	Common Pipistrelle	HabDir-A4	HabReg-Sch2 WACA-Sch5- s9.4b/s9.4c/s9.5a/s9.5b			05/01/2007	31/10/2017	79	100
<i>Pipistrellus pygmaeus</i>	Soprano Pipistrelle	HabDir-A4	HabReg-Sch2 WACA-Sch5- s9.4b/s9.4c/s9.5a/s9.5b	NERC-S41		05/01/2007	08/04/2017	64	5
<i>Plecotus</i>	Long-eared Bat species	HabDir-A4	HabReg-Sch2 WACA-Sch5- s9.4b/s9.4c/s9.5a/s9.5b	NERC-S41		21/11/2004	21/11/2017	52	200
<i>Plecotus auritus</i>	Brown Long-eared Bat	HabDir-A4	HabReg-Sch2 WACA-Sch5- s9.4b/s9.4c/s9.5a/s9.5b	NERC-S41		08/09/1993	06/07/2017	96	14
Mammals - Terrestrial (excl. bats)									
<i>Erinaceus europaeus</i>	West European Hedgehog			NERC-S41		20/08/1981	2014	14	5
<i>Meles meles</i>	Eurasian Badger		Badgers-1992			Pre 1991	22/04/2016	41	3
<i>Arvicola amphibius</i>	European Water Vole		WACA-Sch5- s9.4a/s9.4b/s9.4c	NERC-S41		1996	Summer 1998	4	Present
<i>Micromys minutus</i>	Harvest Mouse			NERC-S41		01/01/2006- 31/12/2006	01/01/2006- 31/12/2006	1	Present
Reptiles									
<i>Lacerta agilis</i>	Sand Lizard	HabDir-A4	HabReg-Sch2 WACA-Sch5- s9.4b/s9.4c/s9.5a	NERC-S41		20/08/1981	20/08/1981	1	Present
<i>Zootoca vivipara</i>	Common Lizard		WACA-Sch5-s9.1k/s9.5a	NERC-S41		1992	25/05/2017	83	20
<i>Anguis fragilis</i>	Slow-worm		WACA-Sch5-s9.1k/s9.5a	NERC-S41		1992	25/05/2017	603	69
<i>Natrix helvetica</i>	Grass Snake		WACA-Sch5-s9.1k/s9.5a	NERC-S41		15/07/1981	25/05/2017	153	15
<i>Vipera berus</i>	Adder		WACA-Sch5-s9.1k/s9.5a	NERC-S41		20/08/1981	25/07/2017	58	4

Taxon Name	Common Name	Invasive Status	Earliest Record	Latest Record	No. of Records	Max. Abundance
Birds						
<i>Oxyura jamaicensis</i>	Ruddy Duck	INNS-Other-2015	17/01/2007- 17/02/2007	26/09/2011	5	2
Higher Plants - Flowering Plants						
<i>Elodea canadensis</i>	Canadian Waterweed	INNS-Priority-2015	17/05/1993	07/01/1993	2	Present
<i>Crassula helmsii</i>	New Zealand Pigmyweed	INNS-Priority-2015	18/09/2009	18/09/2009	1	Present
<i>Buddleja davidii</i>	Butterfly-bush	INNS-Other-2015	10/04/1995- 29/07/1995	28/05/2015	2	Present
<i>Impatiens capensis</i>	Orange Balsam	INNS-Other-2015	25/07/2006	18/09/2009	4	Present
<i>Impatiens glandulifera</i>	Indian Balsam	INNS-Priority-2015	14/06/1984	08/01/2018	4	Present
<i>Rhododendron ponticum</i>	A Flowering Plant	INNS-Other-2015	28/07/1981	25/05/2017	44	1
<i>Fallopia japonica</i>	Japanese Knotweed	INNS-Priority-2015	17/05/1993	17/05/1993	2	Present
Mammals - Terrestrial (excl. bats)						
<i>Neovison vison</i>	American Mink	INNS-Priority-2015	01/01/2006- 31/12/2006	01/01/2006- 31/12/2006	1	Present

SPECIES STATUS KEY

EUROPEAN DIRECTIVES

- **BirdsDir-A1** - Species listed on Annex 1 of EC Directive 79/409/EEC on the Conservation of Wild Birds. This covers birds which are the subject of special conservation measures concerning their habitat in order to ensure their survival and reproduction in their area of distribution.
- **HabDir-A2, HabDir-A2np, 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. The abbreviations have the following meanings:

HabDir-A2	Species which are endangered, the conservation of which the Community has a particular responsibility in view of the proportion of their natural range which falls within the territory of the Community. They require the designation of special areas of conservation.
HabDir-A2np	Animal and plant species of Community interest (i.e. endangered, vulnerable, rare or endemic in the European Community) whose conservation requires the designation of special areas of conservation. Note that the contents of this annex have been updated in April 2003 following the Treaty of Accession.
HabDir-A4	Animal and plant species of Community interest (i.e. endangered, vulnerable, rare or endemic in the European Community) in need of strict protection. They are protected from killing, disturbance or the destruction of them or their habitat. Note that the contents of this annex have been updated in April 2003 following the Treaty of Accession.
HabDir-A5	Animal and plant species of Community interest whose taking in the wild and exploitation may be subject to management measures.

UK LEGISLATION: CONSERVATION OF HABITATS AND SPECIES REGULATIONS 2010

- **HabReg-Sch2, HabReg-Sch4 and HabReg-Sch5.** This legislation translates the European Habitats Directive (see above) into UK law where species are listed in Schedule 2 (priority & non-priority), Schedule 4 and Schedule 5.

UK LEGISLATION: WILDLIFE AND COUNTRYSIDE ACT 1981

Schedule 1 Wild Birds

This 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-p1** – 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-p2** – 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-s9.1	Covers intentionally killing, injuring or taking any wild animal included in Schedule 5
WACA-Sch5-s9.1k	Covers animals which are protected from intentional killing or injuring.
WACA-Sch5-s9.1t	Covers animals which are protected from taking.
WACA-Sch5-s9.2	Covers animals which are protected from being possessed or controlled (live or dead).
WACA-Sch5-s9.4a	Covers intentionally or recklessly disturbing of any wild animal included in Schedule 5. Also includes animals which are protected from intentional damage or destruction to any structure or place used for shelter or protection.
WACA-Sch5-s9.4b	Covers animals which are protected from intentional disturbance while occupying a structure or place used for shelter or protection.
WACA-Sch5-s9.4c	Covers animals which are protected from their access to any structure or place which they use for shelter or protection being obstructed.
WACA-Sch5-s9.5a	Covers animals which are protected from being sold, offered for sale or being held or transported for sale either live or dead, whole or part.
WACA-Sch5-s9.5b	Covers animals which are protected from being published or advertised as being for sale.

Schedule 8 Wild Plants

- **WACA-Sch8** – Covers plants which are protected from intentional picking, uprooting or destruction (Section 13 1a); selling, offering for sale, possessing or transporting for the purpose of sale (live or dead, part or derivative) (Section 13 2a); advertising (any of these) for buying or selling (Section 13 2b).

PRIORITY NERC S.41 2006

- **NERC-S41** Species “of principal importance for the purpose of conserving biodiversity” covered under section 41 (England) of the NERC Act (2006) and therefore need to be taken into consideration by a public body when performing any of its functions with a view to conserving biodiversity.

OTHER DESIGNATIONS: RED LISTS

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

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

England Red List Species (tagged **RL-Eng**) – Species included in England red lists. Out of the categories below, only CR, EN, VU, NT, DD and RE are used in the context of this Red List.

With all red lists, the date of the list used does not indicate when the species was designated, but which set of rules for designation were used. Due to the time required to produce a new red list for a species group, the rules used will often be much older than the date of the list.

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 likely to become endangered in the near future.

NR - Taxa with small populations that are not at present Endangered or Vulnerable, but are at risk

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.

R - Taxa with small populations that are not at present Endangered or Vulnerable, but are at risk.

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.

Thre - Taxa which are not known to occur naturally outside Britain. Taxa within this category may also be in any of the other RDB categories or not threatened at all.

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. Note species reported in this section may also appear on red lists.

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: OXFORDSHIRE SCARCE & RARE PLANTS

A rare plant register for Oxfordshire was published under the title *Oxfordshire's Threatened Plants* (Pices Publications, June 2018). This 15 year study produced a list of rare and scarce plants for the county. TVERC is now including Oxfordshire records of these species in its Protected & Notable Species GIS layers. The definitions of rare and scarce are as follows:

Oxon-Rare – Any species found in 1-3 Oxfordshire tetrads (2km x 2km square) over the duration of the data collection phase of the study (2000 – 2010 inclusive)

Oxon-Scarce – Any species found in 4 – 10 Oxfordshire tetrads over the data collection phase of the study.

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 **BF-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 (MARCH 2019)

Data Origin Abbreviation	Origin Details
ABFG	Association of British Fungus Groups
AC	Academic Researcher
AN	Abingdon Natural History Society
ANHSO	Ashmolean Natural History Society (& Rare Plant Group)
ARC	Amphibian & Reptile Conservation
ARGUK	UK Amphibian & Reptile Groups
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)
BCYS	Berkshire Churchyards Surveys
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
BMERC	Bucks & Milton Keynes Environmental Record Centre
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
BWG	Besselsleigh Wood Group
CalRS	National Calliphoridae Recording Scheme
CBT	Childe Beale Trust
CDC	Cherwell District Council
COS	County Ornithological Services (also known as BCS)
CPRE	Campaign to Protect Rural England
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
FoLV	Friends of Lye Valley
FOTTG	Friends of the Trap Grounds

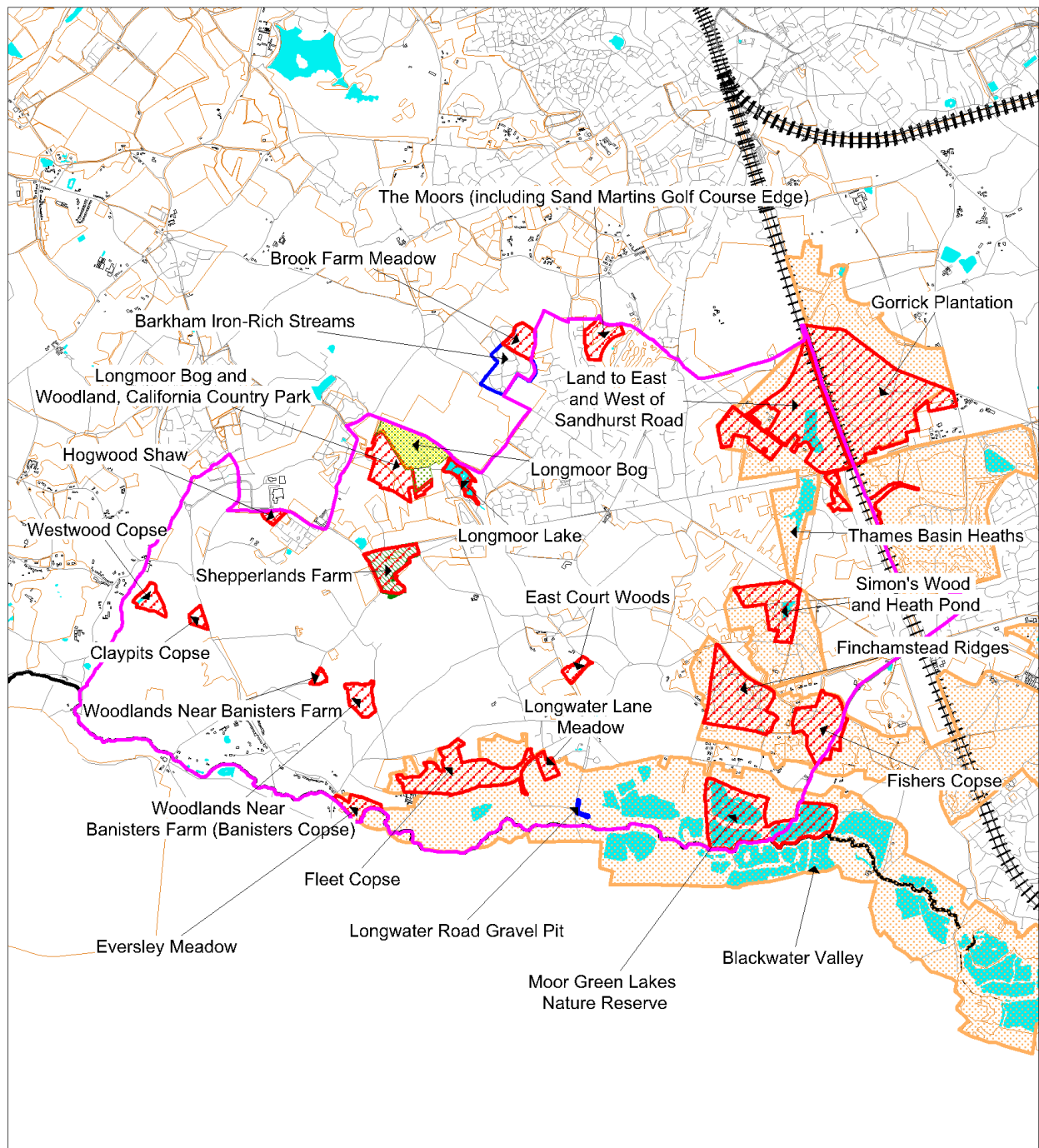
DATA ORIGIN KEY (MARCH 2019)

Data Origin Abbreviation	Origin Details
FROG	Froglife
FSO	Fungus Survey of Oxfordshire
FWAG	Farmland Wildlife Advisory Group
GCER	Gloucestershire Centre for Environmental Records
GCN	GCN Licence Return Records
HA	Highways Agency
HWMT	Hurst Water Meadows Trust
ICL	Imperial College London
IOSF	International Otter Survival Fund
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
NPMS	National Plant Monitoring Scheme
NRG	Newbury Ringing Group
NSP	NatureSpace Partnership
NT	National Trust
OBadG	Oxfordshire Badger Group
OBG	Oxfordshire Bat Group
OBRC	Oxfordshire Biological Record Centre
OBU	Oxford Brookes University
OCC	Oxfordshire County Council
OCYS	Oxfordshire Churchyard Survey
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
OSC	Oxford Swift City 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.)

DATA ORIGIN KEY (MARCH 2019)

Data Origin Abbreviation	Origin Details
PTES	People's Trust for Endangered Species
RBC	Reading Borough Council
RBWM	Royal Borough of Windsor & Maidenhead
RDNHS	Reading and District natural History Society
RF	Richard Frankum
RM	Reading Museum
RRS	Riverfly Recording Scheme
RSPB	Royal Society for the Protection of Birds
RTCT	River Thame Conservation Trust
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
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

Finchampstead Parish Designated Wildlife Sites Map



	Site of Special Scientific Interest		Wildlife Trust Reserve
	Local Nature Reserves		Biodiversity Opportunity Area/Conservation Target Area
	Local Wildlife Sites		Search Area
	Local Geological Site Location		
	Local Geological Site Boundary		

Scale: 1:45000

Map produced by Thames Valley Environmental Records Centre in 2019
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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

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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 Oxford Local Wildlife Sites in Oxford City and district wildlife sites in Cherwell.

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.