Milton-under-Wychwood Neighbourhood Plan

Appendix 9
TVERC Biodiversity Reports

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1. Introduction

Two Thames Valley Environmental Records Centre (TVERC) reports on the parish of Milton-under-Wychwood (MuW) dated June 2022 are presented in this Appendix. The first dated 10th June covers 'All Species' and the second dated 15th June covers only 'Protected and Notable Species'.

These reports update the 2019 report used in the Reg 14 Statutory Consultation in December 2021. There are, however, some gaps in these updated reports because, as explained by TVERC to the Neighbourhood Plan Steering Group (NPSG):

1. Since the report provided in March 2019, TVERC has changed its system of recording and this has resulted in some delays. For example, as at June 2022, sightings for 2021 had only just been downloaded and thus some 2021 sightings do not appear in the tables, and no data had been downloaded for 2022 (the period of MuW's 'Springwatch' which is described in **Appendix 7**).

2. Species appear in TVERC's reports only after sightings have been verified by species experts. There are more of these experts in some categories than in others which means that sightings in some categories make it onto the TVERC database sooner than others. Currently, there is a shortage of locally available bird species experts and this explains why a number of the birds that have been sighted recently in MuW (and verified in different ways – see **Appendix 7** for details) do not appear in the TVERC reports.

2. TVERC Report 10th June 2022

‘All Species’

Thames Valley
Environmental Records Centre

TVERC

Enabling data-driven decisions to better enhance and protect our natural environment

BIODIVERSITY REPORT

Site:	milton-under-wychwood parish
TVERC Ref:	TVERC/22/0163
Prepared for:	Milton under Wychwood Parish Council
On:	2022-06-10
By:	Thames Valley Environmental Records Centre
	datasearch@tverc.org
	www.tverc.org

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The following are included in this report:

General Information:

- Terms & Conditions
- Further information

PROTECTED & NOTABLE SPECIES INFORMATION:

- Summary table of all species records within the parish
- Species status key
- Data origin key
- Data coverage statement

TERMS AND CONDITIONS

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- The information supplied will not be put to any other use beyond the project for which it is requested, nor communicated to any person other than those directly involved. No data supplied will be uploaded to the NBN Gateway/Atlas.
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- The copyright of the report and the information provided is retained by TVERC.
- 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.
- 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.

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ALL SPECIES RECORDS

Taxon Group	Common Name	Latin Name	European Directives	UK Legislation	NERC s41	Other Designations	No of records	Earliest Record	Latest Record
Amphibians									
	Great Crested Newt	Triturus cristatus	HabDir-A2np, HabDir-A4	HabReg-Sch2, WACA-Sch5-s9.4b/s9.4c/s9.5a	NERC-S41	NA	1	04/03/2019	04/03/2019
Birds									
	Barn Owl	Tyto alba	NA	WACA-Sch1-p1	NA	NA	6	05/03/2000	03/11/2003
	Blackbird	Turdus merula	NA	NA	NA	NA	1	09/05/1985	09/05/1985
	Blackcap	Sylvia atricapilla	NA	NA	NA	NA	1	22/12/2006	22/12/2006
	Buzzard	Buteo buteo	NA	NA	NA	NA	3	16/07/1985	10/05/2000
	Carrion/Hooded Crow	Corvus corone agg.	NA	NA	NA	NA	1	09/05/1985	09/05/1985
	Chaffinch	Fringilla coelebs	NA	NA	NA	NA	1	09/05/1985	09/05/1985
	Corn Bunting	Emberiza calandra	NA	NA	NERC-S41	Bird-Red	1	09/05/1985	09/05/1985
	Cuckoo	Cuculus canorus	NA	NA	NERC-S41	Bird-Red	1	09/05/1985	09/05/1985
	Dunnock	Prunella modularis	NA	NA	NERC-S41	Bird-Amber	1	09/05/1985	09/05/1985
	Green Woodpecker	Picus viridis	NA	NA	NA	NA	1	16/07/1985	16/07/1985
	Grey Partridge	Perdix perdix	NA	NA	NERC-S41	Bird-Red	3	10/05/2003	06/07/2003
	Hobby	Falco subbuteo	NA	WACA-Sch1-p1	NA	NA	1	10/05/2000	10/05/2000
	House Sparrow	Passer domesticus	NA	NA	NERC-S41	Bird-Red	1	12/01/2021	12/01/2021
	Jay	Garrulus glandarius	NA	NA	NA	NA	2	09/05/1985	16/07/1985

Taxon Group	Common Name	Latin Name	European Directives	UK Legislation	NERC s41	Other Designations	No of records	Earliest Record	Latest Record
	Kestrel	Falco tinnunculus	NA	NA	NA	Bird-Amber	3	09/05/1985	26/05/2003
	Linnet	Linaria cannabina	NA	NA	NERC-S41	Bird-Red	3	10/05/2003	06/07/2003
	Little Owl	Athene noctua	NA	NA	NA	NA	2	26/08/1977	17/07/2015
	Long-tailed Tit	Aegithalos caudatus	NA	NA	NA	NA	1	09/05/1985	09/05/1985
	Moorhen	Gallinula chloropus	NA	NA	NA	NA	1	09/05/1985	09/05/1985
	Pheasant	Phasianus colchicus	NA	NA	NA	NA	1	09/05/1985	09/05/1985
	Red-legged Partridge	Alectoris rufa	NA	NA	NA	NA	1	09/05/1985	09/05/1985
	Red Kite	Milvus milvus	BirdsDir-A1	WACA-Sch1-p1	NA	RL-Global-post2001-NT	1	10/05/1999	10/05/1999
	Sedge Warbler	Acrocephalus schoenobaenus	NA	NA	NA	NA	1	16/07/1985	16/07/1985
	Skylark	Alauda arvensis	NA	NA	NERC-S41	Bird-Red	3	10/05/2003	06/07/2003
	Snipe	Gallinago gallinago	NA	NA	NA	Bird-Amber	1	10/12/2006	10/12/2006
	Sparrowhawk	Accipiter nisus	NA	NA	NA	NA	1	07/12/2006	07/12/2006
	Starling	Sturnus vulgaris	NA	NA	NERC-S41	Bird-Red	4	10/05/2003	06/07/2003
	Stock Dove	Columba oenas	NA	NA	NA	Bird-Amber	1	09/05/1985	09/05/1985
	Swallow	Hirundo rustica	NA	NA	NA	NA	2	27/06/2019	30/01/2020
	Swift	Apus apus	NA	NA	NA	Bird-Amber	7	01/01/2010	29/05/2019
	Willow Warbler	Phylloscopus trochilus	NA	NA	NA	Bird-Amber	1	09/05/1985	09/05/1985
	Woodpigeon	Columba palumbus	NA	NA	NA	NA	1	09/05/1985	09/05/1985
	Yellowhammer	Emberiza citrinella	NA	NA	NERC-S41	Bird-Red	6	09/05/1985	06/07/2003

Taxon Group	Common Name	Latin Name	European Directives	UK Legislation	NERC s41	Other Designations	No of records	Earliest Record	Latest Record
Fish - Bony									
	Brown Trout	Salmo trutta subsp. fario	NA	NA	NERC-S41	NA	2	22/05/2003	26/05/2004
	Brown/Sea Trout	Salmo trutta	NA	NA	NERC-S41	NA	3	26/05/2004	03/05/2006
	Bullhead	Cottus gobio	HabDir-A2np	NA	NA	NA	5	22/05/2003	03/05/2006
	Chub	Squalius cephalus	NA	NA	NA	NA	2	22/05/2003	26/05/2004
	Dace	Leuciscus leuciscus	NA	NA	NA	NA	2	22/05/2003	26/05/2004
	Gudgeon	Gobio gobio	NA	NA	NA	NA	2	22/05/2003	26/05/2004
	Minnow	Phoxinus phoxinus	NA	NA	NA	NA	2	22/05/2003	26/05/2004
	Perch	Perca fluviatilis	NA	NA	NA	NA	2	22/05/2003	26/05/2004
	Pike	Esox lucius	NA	NA	NA	NA	1	22/05/2003	22/05/2003
	Roach	Rutilus rutilus	NA	NA	NA	NA	2	22/05/2003	26/05/2004
	Rudd	Scardinius erythrophthalmus	NA	NA	NA	NA	1	22/05/2003	22/05/2003
	Stone Loach	Barbatula barbatula	NA	NA	NA	NA	2	22/05/2003	26/05/2004
	Three-spined Stickleback	Gasterosteus aculeatus	NA	NA	NA	NA	1	26/05/2004	26/05/2004
Fungi									
	Jelly Ear	Auricularia auricula-judae	NA	NA	NA	NA	1	25/04/2001	25/04/2001
Higher Plants - Conifers									
	European Larch	Larix decidua	NA	NA	NA	NA	9	01/01/1977	20/05/2003
	Leyland Cypress	Cupressus macrocarpa x Xanthocyparis nootkatensis = X Cuprocyparis leylandi	NA	NA	NA	NA	2	05/10/2020	05/10/2020
	Scots Pine	Pinus sylvestris	NA	NA	NA	NA	7	01/01/1977	20/05/2003
	Yew	Taxus baccata	NA	NA	NA	NA	3	15/06/1988	25/04/2001

Taxon Group	Common Name	Latin Name	European Directives	UK Legislation	NERC s41	Other Designations	No of records	Earliest Record	Latest Record
Higher Plants - Ferns									
	A Fern	Dryopteris filix-mas agg.	NA	NA	NA	NA	2	13/06/1957	01/01/1978
	Bracken	Pteridium aquilinum	NA	NA	NA	NA	3	01/01/1978	25/03/2019
	Hart's-tongue	Phyllitis scolopendrium	NA	NA	NA	NA	3	09/05/1985	25/04/2001
	Polypody	Polypodium vulgare	NA	NA	NA	NA	1	25/04/2001	25/04/2001
	Soft Shield-fern	Polystichum setiferum	NA	NA	NA	NA	1	01/01/1978	01/01/1978
Higher Plants - Flowering Plants									
	A Flowering Plant	Asperula cynanchica subsp. cynanchica	NA	NA	NA	NA	2	01/01/1968	05/10/2020
	A Flowering Plant	Bromus	NA	NA	NA	NA	2	01/01/1968	05/10/2020
	A Flowering Plant	Chenopodium album agg.	NA	NA	NA	NA	1	01/01/1968	05/10/2020
	A Flowering Plant	Cotoneaster	NA	NA	NA	NA	2	01/01/1968	05/10/2020
	A Flowering Plant	Dipsacus fullonum	NA	NA	NA	NA	4	01/01/1968	05/10/2020
	A Flowering Plant	Euphrasia officinalis agg.	NA	NA	NA	NA	2	01/01/1968	05/10/2020
	A Flowering Plant	Festuca rubra agg.	NA	NA	NA	NA	2	01/01/1968	05/10/2020
	A Flowering Plant	Lactuca serriola f. integrifolia	NA	NA	NA	NA	1	01/01/1968	05/10/2020
	A Flowering Plant	Poa pratensis	NA	NA	NA	NA	1	01/01/1968	05/10/2020
	A Flowering Plant	Polygonum aviculare agg.	NA	NA	NA	NA	1	01/01/1968	05/10/2020
	A Flowering Plant	Rosa canina agg.	NA	NA	NA	NA	3	01/01/1968	05/10/2020
	A Flowering Plant	Rosa rubiginosa agg.	NA	NA	NA	NA	5	01/01/1968	05/10/2020
	A Flowering Plant	Stellaria media agg.	NA	NA	NA	NA	1	01/01/1968	05/10/2020
	Agrimony	Agrimonia eupatoria	NA	NA	NA	NA	8	01/01/1977	27/06/2013
	American Willowherb	Epilobium ciliatum	NA	NA	NA	NA	1	17/08/1991	17/08/1991

Taxon Group	Common Name	Latin Name	European Directives	UK Legislation	NERC s41	Other Designations	No of records	Earliest Record	Latest Record
	Annual Meadow-grass	Poa annua	NA	NA	NA	NA	4	01/03/1990	04/08/2018
	Apple	Malus	NA	NA	NA	NA	2	26/07/1999	05/10/2020
	Apple	Malus pumila	NA	NA	NA	NA	1	26/07/1999	05/10/2020
	Ash	Fraxinus excelsior	NA	NA	NA	NA	29	13/06/1957	25/03/2019
	Aspen	Populus tremula	NA	NA	NA	NA	1	26/07/1999	26/07/1999
	Autumn Gentian	Gentianella amarella	NA	NA	NA	RL-Eng-post2001-NT	1	16/07/1985	16/07/1985
	Autumn Hawkbit	Scorzoneroides autumnalis	NA	NA	NA	NA	1	17/08/1991	17/08/1991
	Barren Brome	Bromus sterilis	NA	NA	NA	NA	1	04/06/1987	04/06/1987
	Barren Strawberry	Potentilla sterilis	NA	NA	NA	NA	1	01/03/1990	30/09/1990
	Beaked Hawk's-beard	Crepis vesicaria	NA	NA	NA	NA	1	01/01/1968	01/01/1968
	Beech	Fagus sylvatica	NA	NA	NA	NA	21	01/01/1968	05/10/2020
	Bittersweet	Solanum dulcamara	NA	NA	NA	NA	13	13/06/1957	20/05/2003
	Black-bindweed	Fallopia convolvulus	NA	NA	NA	NA	1	01/01/1977	01/01/1981
	Black Bent	Agrostis gigantea	NA	NA	NA	NA	1	22/09/2016	22/09/2016
	Black Bryony	Dioscorea communis	NA	NA	NA	NA	17	01/01/1968	22/09/2016
	Black Currant	Ribes nigrum	NA	NA	NA	NA	1	25/04/2001	25/04/2001
	Black Medick	Medicago lupulina	NA	NA	NA	NA	5	01/01/1968	27/06/2013
	Black Nightshade	Solanum nigrum	NA	NA	NA	NA	1	10/09/2016	10/09/2016
	Blackthorn	Prunus spinosa	NA	NA	NA	NA	28	13/06/1957	05/10/2020
	Bladder Campion	Silene vulgaris	NA	NA	NA	NA	3	16/07/1985	27/06/2013
	Bluebell	Hyacinthoides non-scripta	NA	WACA-Sch8	NA	NA	13	01/01/1978	20/05/2003

Taxon Group	Common Name	Latin Name	European Directives	UK Legislation	NERC s41	Other Designations	No of records	Earliest Record	Latest Record
	Bog Stitchwort	Stellaria alsine	NA	NA	NA	NA	1	13/06/1957	13/06/1957
	Box	Buxus sempervirens	NA	NA	NA	NA	1	04/06/1987	04/06/1987
	Bramble	Rubus fruticosus agg.	NA	NA	NA	NA	28	01/01/1968	22/09/2016
	Bread Wheat	Triticum aestivum	NA	NA	NA	NA	1	17/08/1991	17/08/1991
	Broad-leaved Dock	Rumex obtusifolius	NA	NA	NA	NA	17	01/01/1968	22/09/2016
	Broad-leaved Willowherb	Epilobium montanum	NA	NA	NA	NA	2	13/06/1957	17/08/1991
	Brooklime	Veronica beccabunga	NA	NA	NA	NA	1	16/07/1985	16/07/1985
	Buckthorn	Rhamnus cathartica	NA	NA	NA	NA	5	01/01/1977	12/06/2002
	Bugle	Ajuga reptans	NA	NA	NA	NA	4	13/06/1957	25/04/2001
	Bulbous Buttercup	Ranunculus bulbosus	NA	NA	NA	NA	3	10/05/2000	20/05/2003
	Bush Vetch	Vicia sepium	NA	NA	NA	NA	1	17/08/1991	17/08/1991
	Carline Thistle	Carlina vulgaris	NA	NA	NA	RL-Eng-post2001-NT	3	09/05/1985	21/06/1991
	Cat's-ear	Hypochaeris radicata	NA	NA	NA	NA	2	01/01/1977	30/09/1990
	Chalk Milkwort	Polygala calcarea	NA	NA	NA	NA	4	01/01/1968	21/06/1991
	Charlock	Sinapis arvensis	NA	NA	NA	NA	2	01/01/1968	01/01/1981
	Cherry	Prunus	NA	NA	NA	NA	2	05/10/2020	05/10/2020
	Cherry Laurel	Prunus laurocerasus	NA	NA	NA	NA	1	01/03/1990	30/09/1990
	Cleavers	Galium aparine	NA	NA	NA	NA	21	13/06/1957	22/09/2016
	Clustered Bellflower	Campanula glomerata	NA	NA	NA	NA	1	16/07/1985	16/07/1985
	Cock's-foot	Dactylis glomerata	NA	NA	NA	NA	6	01/01/1968	10/09/2016
	Coltsfoot	Tussilago farfara	NA	NA	NA	NA	2	01/01/1968	04/06/1987

Taxon Group	Common Name	Latin Name	European Directives	UK Legislation	NERC s41	Other Designations	No of records	Earliest Record	Latest Record
	Columbine	Aquilegia vulgaris	NA	NA	NA	NA	1	01/03/1990	30/09/1990
	Common Bird's-foot-trefoil	Lotus corniculatus	NA	NA	NA	NA	4	16/07/1985	27/06/2013
	Common Chickweed	Stellaria media	NA	NA	NA	NA	3	16/07/1985	22/09/2016
	Common Couch	Elytrigia repens	NA	NA	NA	NA	3	01/01/1977	22/09/2016
	Common Dog-violet	Viola riviniana	NA	NA	NA	NA	2	01/03/1990	25/04/2001
	Common Field-speedwell	Veronica persica	NA	NA	NA	NA	3	22/09/2016	22/09/2016
	Common Figwort	Scrophularia nodosa	NA	NA	NA	NA	1	01/01/1977	01/01/1981
	Common Knapweed	Centaurea nigra sens. lat. (=nigra/debauxii)	NA	NA	NA	NA	9	01/01/1977	27/06/2013
	Common Mallow	Malva sylvestris	NA	NA	NA	NA	3	01/01/1977	22/09/2016
	Common Mouse-ear	Cerastium fontanum	NA	NA	NA	NA	8	01/01/1968	10/09/2016
	Common Nettle	Urtica dioica	NA	NA	NA	NA	29	13/06/1957	10/09/2016
	Common Poppy	Papaver rhoeas	NA	NA	NA	NA	1	01/01/1977	01/01/1981
	Common Ragwort	Jacobaea vulgaris	NA	NA	NA	NA	6	16/07/1985	10/09/2016
	Common Reed	Phragmites australis	NA	NA	NA	NA	2	13/06/1957	01/01/1978
	Common Restharrow	Ononis repens	NA	NA	NA	NA	3	11/07/1979	21/06/1991
	Common Rock-rose	Helianthemum nummularium	NA	NA	NA	RL-Eng-post2001-NT	2	09/05/1985	21/06/1991
	Common Sallow	Salix cinerea	NA	NA	NA	NA	3	09/05/1985	27/06/2013
	Common Soft-brome	Bromus hordeaceus subsp. hordeaceus	NA	NA	NA	NA	1	01/01/1968	01/01/1968
	Common Sorrel	Rumex acetosa	NA	NA	NA	NA	1	22/09/2016	22/09/2016

Taxon Group	Common Name	Latin Name	European Directives	UK Legislation	NERC s41	Other Designations	No of records	Earliest Record	Latest Record
	Common Spotted-orchid	Dactylorhiza fuchsii	NA	NA	NA	NA	3	09/05/1985	16/07/1985
	Common Toadflax	Linaria vulgaris	NA	NA	NA	NA	1	01/01/1968	01/01/1968
	Common Vetch	Vicia sativa	NA	NA	NA	NA	1	01/03/1990	30/09/1990
	Cow Parsley	Anthriscus sylvestris	NA	NA	NA	NA	15	01/01/1968	04/08/2018
	Cowslip	Primula veris	NA	NA	NA	NA	5	01/01/1977	15/05/2001
	Crab Apple	Malus sylvestris	NA	NA	NA	NA	4	01/01/1977	26/07/1999
	Creeping-Jenny	Lysimachia nummularia	NA	NA	NA	NA	2	09/05/1985	30/09/1990
	Creeping Bent	Agrostis stolonifera	NA	NA	NA	NA	1	17/08/1991	17/08/1991
	Creeping Buttercup	Ranunculus repens	NA	NA	NA	NA	8	13/06/1957	22/09/2016
	Creeping Cinquefoil	Potentilla reptans	NA	NA	NA	NA	6	01/01/1968	27/06/2013
	Creeping Thistle	Cirsium arvense	NA	NA	NA	NA	20	01/01/1968	10/09/2016
	Crested Dog's-tail	Cynosurus cristatus	NA	NA	NA	NA	1	01/01/1968	01/01/1968
	Crosswort	Cruciata laevipes	NA	NA	NA	RL-Eng-post2001-NT	1	16/07/1985	16/07/1985
	Cuckooflower	Cardamine pratensis	NA	NA	NA	NA	1	01/03/1990	30/09/1990
	Cultivated Vetch	Vicia sativa subsp. sativa	NA	NA	NA	Oxon-Rare	1	11/07/1979	11/07/1979
	Curled Dock	Rumex crispus	NA	NA	NA	NA	4	01/03/1990	27/06/2013
	Cut-leaved Crane's-bill	Geranium dissectum	NA	NA	NA	NA	2	01/03/1990	16/06/1998
	Daffodil	Narcissus	NA	NA	NA	NA	2	25/04/2001	25/03/2019
	Daisy	Bellis perennis	NA	NA	NA	NA	7	01/01/1968	05/10/2020
	Dandelion	Taraxacum	NA	NA	NA	NA	5	01/01/1968	05/10/2020
	Dandelion	Taraxacum officinale agg.	NA	NA	NA	NA	23	01/01/1968	05/10/2020

Taxon Group	Common Name	Latin Name	European Directives	UK Legislation	NERC s41	Other Designations	No of records	Earliest Record	Latest Record
	Dewberry	Rubus caesius	NA	NA	NA	NA	3	13/06/1957	27/06/2013
	Dog's Mercury	Mercurialis perennis	NA	NA	NA	NA	22	13/06/1957	22/09/2016
	Dog-rose	Rosa canina	NA	NA	NA	NA	29	01/01/1968	22/09/2016
	Dogwood	Cornus sanguinea	NA	NA	NA	NA	7	17/04/1985	20/05/2003
	Dove's-foot Crane's-bill	Geranium molle	NA	NA	NA	NA	2	10/09/2016	10/09/2016
	Downy Oat-grass	Helictotrichon pubescens	NA	NA	NA	NA	2	01/01/1968	01/01/1981
	Dwarf Spurge	Euphorbia exigua	NA	NA	NA	RL-Eng-post2001-VU, RL-GB-post2001-VU	1	01/01/1977	01/01/1981
	Dwarf Thistle	Cirsium acaule	NA	NA	NA	NA	4	01/01/1977	21/06/1991
	Elder	Sambucus nigra	NA	NA	NA	NA	33	13/06/1957	22/09/2016
	Elm	Ulmus	NA	NA	NA	NA	1	17/04/1985	17/04/1985
	Enchanter's-nightshade	Circaea lutetiana	NA	NA	NA	NA	7	13/06/1957	20/05/2003
	English Elm	Ulmus procera	NA	NA	NA	NA	3	26/07/1999	22/09/2016
	Fairy Flax	Linum catharticum	NA	NA	NA	NA	2	16/07/1985	21/06/1991
	False-brome	Brachypodium sylvaticum	NA	NA	NA	NA	3	13/06/1957	04/06/1987
	False Oat-grass	Arrhenatherum elatius	NA	NA	NA	NA	3	01/03/1990	22/09/2016
	False Oxlip	Primula veris x vulgaris = P. x polyantha	NA	NA	NA	NA	1	25/04/2001	25/04/2001
	Field-rose	Rosa arvensis	NA	NA	NA	NA	1	15/06/1988	15/06/1988
	Field Bindweed	Convolvulus arvensis	NA	NA	NA	NA	8	01/01/1977	22/09/2016
	Field Forget-me-not	Myosotis arvensis	NA	NA	NA	NA	5	01/01/1968	10/09/2016
	Field Gentian	Gentianella campestris	NA	NA	NERC-S41	RL-Eng-post2001-EN, RL-GB-post2001-VU	1	21/06/1991	21/06/1991

Taxon Group	Common Name	Latin Name	European Directives	UK Legislation	NERC s41	Other Designations	No of records	Earliest Record	Latest Record
	Field Maple	Acer campestre	NA	NA	NA	NA	8	15/06/1988	22/09/2016
	Field Pansy	Viola arvensis	NA	NA	NA	NA	2	01/01/1977	10/09/2016
	Field Scabious	Knautia arvensis	NA	NA	NA	RL-Eng-post2001-NT	4	01/01/1977	27/06/2013
	Field Wood-rush	Luzula campestris	NA	NA	NA	NA	1	01/03/1990	30/09/1990
	Fool's-water-cress	Apium nodiflorum	NA	NA	NA	NA	2	16/07/1985	10/09/2016
	Fool's Parsley	Aethusa cynapium	NA	NA	NA	NA	1	01/01/1977	01/01/1981
	Garlic Mustard	Alliaria petiolata	NA	NA	NA	NA	9	13/06/1957	20/05/2003
	Germander Speedwell	Veronica chamaedrys	NA	NA	NA	NA	5	01/01/1968	10/05/2000
	Goat's-beard	Tragopogon pratensis	NA	NA	NA	NA	2	16/06/1998	27/06/2013
	Goat Willow	Salix caprea	NA	NA	NA	NA	6	01/01/1968	20/05/2003
	Goldilocks Buttercup	Ranunculus auricomus	NA	NA	NA	NA	1	01/03/1990	30/09/1990
	Gooseberry	Ribes uva-crispa	NA	NA	NA	NA	5	01/01/1977	20/05/2003
	Grape-hyacinth	Muscari neglectum	NA	NA	NERC-S41	Oxon-Scarce, Status-NR	1	01/03/1990	30/09/1990
	Great Willowherb	Epilobium hirsutum	NA	NA	NA	NA	5	13/06/1957	22/09/2016
	Greater Bird's-foot-trefoil	Lotus pedunculatus	NA	NA	NA	NA	1	16/07/1985	16/07/1985
	Greater Burdock	Arctium lappa	NA	NA	NA	NA	11	11/07/1979	20/05/2003
	Greater Knapweed	Centaurea scabiosa	NA	NA	NA	NA	6	01/01/1968	27/06/2013
	Greater Plantain	Plantago major	NA	NA	NA	NA	11	01/01/1968	22/09/2016
	Greater Stitchwort	Stellaria holostea	NA	NA	NA	NA	1	04/06/1987	04/06/1987
	Green Alkanet	Pentaglottis sempervirens	NA	NA	NA	NA	1	01/01/1968	01/01/1968

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	Ground-elder	Aegopodium podagraria	NA	NA	NA	NA	6	01/03/1990	22/09/2016
	Ground-ivy	Glechoma hederacea	NA	NA	NA	NA	22	13/06/1957	27/06/2013
	Groundsel	Senecio vulgaris	NA	NA	NA	NA	6	09/05/1985	10/09/2016
	Guelder-rose	Viburnum opulus	NA	NA	NA	NA	4	01/01/1977	05/10/2020
	Gypsywort	Lycopus europaeus	NA	NA	NA	NA	1	16/07/1985	16/07/1985
	Hairy-brome	Bromopsis ramosa	NA	NA	NA	NA	1	01/03/1990	30/09/1990
	Hairy Bitter-cress	Cardamine hirsuta	NA	NA	NA	NA	2	01/03/1990	04/08/2018
	Hairy St John's-wort	Hypericum hirsutum	NA	NA	NA	NA	1	01/03/1990	30/09/1990
	Hairy Violet	Viola hirta	NA	NA	NA	NA	1	01/01/1977	01/01/1981
	Hard Rush	Juncus inflexus	NA	NA	NA	NA	1	22/09/2016	22/09/2016
	Hawthorn	Crataegus monogyna	NA	NA	NA	NA	36	13/06/1957	05/10/2020
	Hazel	Corylus avellana	NA	NA	NA	NA	5	01/01/1978	22/09/2016
	Heath False-brome	Brachypodium pinnatum	NA	NA	NA	NA	1	01/03/1990	30/09/1990
	Hedge Bedstraw	Galium mollugo	NA	NA	NA	NA	1	16/07/1985	16/07/1985
	Hedge Bindweed	Calystegia sepium	NA	NA	NA	NA	4	01/01/1978	22/09/2016
	Hedge Mustard	Sisymbrium officinale	NA	NA	NA	NA	2	01/03/1990	04/08/2018
	Hedge Woundwort	Stachys sylvatica	NA	NA	NA	NA	22	01/01/1968	22/09/2016
	Hedgerow Crane's-bill	Geranium pyrenaicum	NA	NA	NA	NA	3	01/01/1968	20/05/2003
	Hemp-agrimony	Eupatorium cannabinum	NA	NA	NA	NA	1	04/06/1987	04/06/1987
	Herb-Robert	Geranium robertianum	NA	NA	NA	NA	22	13/06/1957	10/09/2016
	Hoary Plantain	Plantago media	NA	NA	NA	RL-Eng-post2001-NT	3	16/07/1985	21/06/1991

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	Hoary Willowherb	Epilobium parviflorum	NA	NA	NA	NA	2	22/09/2016	22/09/2016
	Hogweed	Heracleum sphondylium	NA	NA	NA	NA	15	01/01/1968	22/09/2016
	Holly	Ilex aquifolium	NA	NA	NA	NA	17	01/01/1968	05/10/2020
	Honeysuckle	Lonicera periclymenum	NA	NA	NA	NA	2	01/01/1978	26/07/1999
	Hop	Humulus lupulus	NA	NA	NA	NA	2	13/06/1957	16/07/1985
	Hop Trefoil	Trifolium campestre	NA	NA	NA	NA	1	27/06/2013	27/06/2013
	Hornbeam	Carpinus betulus	NA	NA	NA	NA	3	26/07/1999	05/10/2020
	Horse-chestnut	Aesculus hippocastanum	NA	NA	NA	NA	5	01/01/1968	04/08/2018
	Horseshoe Vetch	Hippocrepis comosa	NA	NA	NA	NA	1	01/01/1968	01/01/1968
	Ivy	Hedera helix	NA	NA	NA	NA	18	01/01/1968	10/09/2016
	Ivy-leaved Speedwell	Veronica hederifolia	NA	NA	NA	NA	1	01/03/1990	30/09/1990
	Kidney Vetch	Anthyllis vulneraria	NA	NA	NA	NA	1	01/01/1968	01/01/1968
	Knotgrass	Polygonum aviculare	NA	NA	NA	NA	3	01/01/1977	10/09/2016
	Lady's Bedstraw	Galium verum	NA	NA	NA	NA	9	01/01/1968	27/06/2013
	Lesser Burdock	Arctium minus	NA	NA	NA	NA	2	04/06/1987	25/04/2001
	Lesser Celandine	Ficaria verna	NA	NA	NA	NA	4	09/05/1985	07/05/2002
	Lesser Pond-sedge	Carex acutiformis	NA	NA	NA	NA	1	13/06/1957	13/06/1957
	Lime	Tilia platyphyllos x cordata = T. x europaea	NA	NA	NA	NA	2	01/03/1990	04/08/2018
	Lords-and-Ladies	Arum maculatum	NA	NA	NA	NA	15	13/06/1957	22/09/2016
	Marsh-bedstraw	Galium palustre	NA	NA	NA	NA	1	16/07/1985	16/07/1985
	Marsh-marigold	Caltha palustris	NA	NA	NA	NA	3	13/06/1957	16/07/1985

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	Marsh Cudweed	Gnaphalium uliginosum	NA	NA	NA	NA	1	22/09/2016	22/09/2016
	Marsh Thistle	Cirsium palustre	NA	NA	NA	NA	2	09/05/1985	16/07/1985
	Meadow Buttercup	Ranunculus acris	NA	NA	NA	NA	1	04/06/1987	04/06/1987
	Meadow Crane's-bill	Geranium pratense	NA	NA	NA	NA	3	16/06/1998	22/09/2016
	Meadow Saxifrage	Saxifraga granulata	NA	NA	NA	NA	1	01/03/1990	30/09/1990
	Meadow Vetchling	Lathyrus pratensis	NA	NA	NA	NA	5	01/01/1968	27/06/2013
	Meadowsweet	Filipendula ulmaria	NA	NA	NA	NA	5	13/06/1957	22/09/2016
	Midland Hawthorn	Crataegus laevigata	NA	NA	NA	NA	1	13/06/1957	13/06/1957
	Mouse-ear-hawkweed	Pilosella officinarum	NA	NA	NA	NA	1	01/03/1990	30/09/1990
	Mugwort	Artemisia vulgaris	NA	NA	NA	NA	3	01/01/1977	22/09/2016
	Nipplewort	Lapsana communis	NA	NA	NA	NA	3	01/01/1977	22/09/2016
	Oak	Quercus	NA	NA	NA	NA	1	30/10/1981	30/10/1981
	Oxeye Daisy	Leucanthemum vulgare	NA	NA	NA	NA	3	01/03/1990	04/08/2018
	Pedunculate Oak	Quercus robur	NA	NA	NA	NA	6	01/01/1978	26/07/1999
	Pendulous Sedge	Carex pendula	NA	NA	NA	NA	3	13/06/1957	22/09/2016
	Perennial Rye-grass	Lolium perenne	NA	NA	NA	NA	5	01/01/1968	05/10/2020
	Perennial Sow-thistle	Sonchus arvensis	NA	NA	NA	NA	3	17/08/1991	22/09/2016
	Perforate St John's-wort	Hypericum perforatum	NA	NA	NA	NA	6	01/01/1977	27/06/2013
	Pignut	Conopodium majus	NA	NA	NA	NA	2	01/01/1977	30/09/1990
	Pineappleweed	Matricaria discoidea	NA	NA	NA	NA	3	01/01/1977	22/09/2016

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	Prickly Sow-thistle	Sonchus asper	NA	NA	NA	NA	2	01/03/1990	22/09/2016
	Primrose	Primula vulgaris	NA	NA	NA	NA	5	01/01/1977	20/05/2003
	Procumbent Pearlwort	Sagina procumbens	NA	NA	NA	NA	1	17/08/1991	17/08/1991
	Purple-loosestrife	Lythrum salicaria	NA	NA	NA	NA	1	16/07/1985	16/07/1985
	Pyramidal Orchid	Anacamptis pyramidalis	NA	NA	NA	NA	1	16/07/1985	16/07/1985
	Red Bartsia	Odontites vernus	NA	NA	NA	NA	1	16/07/1985	16/07/1985
	Red Campion	Silene dioica	NA	NA	NA	NA	4	13/06/1957	27/06/2013
	Red Clover	Trifolium pratense	NA	NA	NA	NA	7	11/07/1979	10/09/2016
	Red Currant	Ribes rubrum	NA	NA	NA	NA	2	10/05/2000	02/10/2001
	Red Fescue	Festuca rubra	NA	NA	NA	NA	2	17/08/1991	22/09/2016
	Redshank	Persicaria maculosa	NA	NA	NA	NA	1	01/01/1977	01/01/1981
	Reflexed Stonecrop	Sedum rupestre	NA	NA	NA	NA	1	04/08/2018	04/08/2018
	Ribbed Melilot	Melilotus officinalis	NA	NA	NA	NA	2	01/01/1977	01/01/1981
	Ribwort Plantain	Plantago lanceolata	NA	NA	NA	NA	11	01/01/1968	05/10/2020
	Rosebay Willowherb	Chamerion angustifolium	NA	NA	NA	NA	8	01/01/1977	20/05/2003
	Rough Hawk's-beard	Crepis biennis	NA	NA	NA	NA	2	22/09/2016	22/09/2016
	Rough Hawkbit	Leontodon hispidus	NA	NA	NA	NA	1	22/09/2016	22/09/2016
	Rough Meadow-grass	Poa trivialis	NA	NA	NA	NA	4	13/06/1957	30/09/1990
	Round-leaved Fluellen	Kickxia spuria	NA	NA	NA	NA	1	01/01/1977	01/01/1981

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	Round-leaved Mint	Mentha suaveolens	NA	NA	NA	Status-NS, RL-Eng-post2001-NT, RL-GB-post2001-DD	1	22/09/2016	22/09/2016
	Rusty Willow	Salix cinerea subsp. oleifolia	NA	NA	NA	NA	1	13/06/1957	13/06/1957
	Salad Burnet	Poterium sanguisorba subsp. sanguisorba	NA	NA	NA	NA	4	09/05/1985	27/06/2013
	Sanicle	Sanicula europaea	NA	NA	NA	RL-Eng-post2001-NT	5	01/01/1968	20/05/2003
	Scarlet Pimpernel	Anagallis arvensis	NA	NA	NA	NA	2	01/01/1977	10/09/2016
	Scentless Mayweed	Tripleurospermum inodorum	NA	NA	NA	NA	2	10/09/2016	10/09/2016
	Sea Mayweed	Tripleurospermum maritimum	NA	NA	NA	NA	1	11/07/1979	11/07/1979
	Selfheal	Prunella vulgaris	NA	NA	NA	NA	5	01/01/1977	21/06/1991
	Sheep's-fescue	Festuca ovina	NA	NA	NA	NA	1	01/03/1990	30/09/1990
	Shepherd's-purse	Capsella bursa-pastoris	NA	NA	NA	NA	4	11/07/1979	22/09/2016
	Silver Birch	Betula pendula	NA	NA	NA	NA	2	05/10/2020	05/10/2020
	Silverweed	Potentilla anserina	NA	NA	NA	NA	4	01/01/1968	22/09/2016
	Skullcap	Scutellaria galericulata	NA	NA	NA	NA	1	16/07/1985	16/07/1985
	Slender Speedwell	Veronica filiformis	NA	NA	NA	NA	2	01/03/1990	22/09/2016
	Smooth Hawk's-beard	Crepis capillaris	NA	NA	NA	NA	1	17/08/1991	17/08/1991
	Smooth Meadow-grass	Poa pratensis	NA	NA	NA	NA	1	01/03/1990	30/09/1990
	Smooth Sow-thistle	Sonchus oleraceus	NA	NA	NA	NA	4	01/01/1977	22/09/2016
	Snowberry	Symphoricarpos albus	NA	NA	NA	NA	1	22/09/2016	22/09/2016
	Snowdrop	Galanthus nivalis	NA	NA	NA	NA	2	01/03/1990	25/04/2001

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	Soft-rush	Juncus effusus	NA	NA	NA	NA	1	01/01/1978	01/01/1978
	Spear Thistle	Cirsium vulgare	NA	NA	NA	NA	14	13/06/1957	27/06/2013
	Spindle	Euonymus europaeus	NA	NA	NA	NA	2	17/04/1985	10/05/2000
	Spotted Dead-nettle	Lamium maculatum	NA	NA	NA	NA	1	07/05/2002	07/05/2002
	Spurge-laurel	Daphne laureola	NA	NA	NA	NA	1	01/01/1977	01/01/1981
	Square-stalked St John's-wort	Hypericum tetrapterum	NA	NA	NA	NA	1	16/07/1985	16/07/1985
	St. John's-Wort	Hypericum	NA	NA	NA	NA	1	01/03/1990	30/09/1990
	Stinking Iris	Iris foetidissima	NA	NA	NA	NA	1	01/03/1990	30/09/1990
	Sun Spurge	Euphorbia helioscopia	NA	NA	NA	NA	1	22/09/2016	22/09/2016
	Sweet-briar	Rosa rubiginosa	NA	NA	NA	NA	1	25/04/2001	25/04/2001
	Sweet Vernal-grass	Anthoxanthum odoratum	NA	NA	NA	NA	1	01/03/1990	30/09/1990
	Sweet Violet	Viola odorata	NA	NA	NA	NA	4	01/01/1977	20/05/2003
	Sycamore	Acer pseudoplatanus	NA	NA	NA	NA	22	01/01/1968	10/09/2016
	Tansy	Tanacetum vulgare	NA	NA	NA	NA	2	01/03/1990	10/09/2016
	Three-nerved Sandwort	Moehringia trinervia	NA	NA	NA	NA	3	13/06/1957	12/06/2002
	Thyme-leaved Speedwell	Veronica serpyllifolia	NA	NA	NA	NA	2	01/01/1968	17/08/1991
	Traveller's-joy	Clematis vitalba	NA	NA	NA	NA	12	01/01/1968	10/09/2016
	Tufted Hair-grass	Deschampsia cespitosa	NA	NA	NA	NA	4	13/06/1957	10/09/2016
	Tufted Vetch	Vicia cracca	NA	NA	NA	NA	1	11/07/1979	11/07/1979
	Upright Brome	Bromopsis erecta	NA	NA	NA	NA	1	01/01/1968	01/01/1968

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	Upright Hedge-parsley	Torilis japonica	NA	NA	NA	NA	2	10/05/2000	27/06/2013
	Water Figwort	Scrophularia auriculata	NA	NA	NA	NA	3	13/06/1957	16/07/1985
	Water Forget-me-not	Myosotis scorpioides	NA	NA	NA	NA	2	16/07/1985	20/05/2003
	Water Mint	Mentha aquatica	NA	NA	NA	NA	1	16/07/1985	16/07/1985
	Wayfaring-tree	Viburnum lantana	NA	NA	NA	NA	4	01/01/1977	02/10/2001
	Weld	Reseda luteola	NA	NA	NA	NA	1	16/07/1985	16/07/1985
	Welsh Poppy	Meconopsis cambrica	NA	NA	NA	NA	2	07/05/2002	20/05/2003
	Welted Thistle	Carduus crispus	NA	NA	NA	NA	4	01/01/1977	22/09/2016
	White Bryony	Bryonia dioica	NA	NA	NA	NA	4	01/01/1968	21/06/1991
	White Campion	Silene latifolia	NA	NA	NA	NA	5	01/01/1977	27/06/2013
	White Clover	Trifolium repens	NA	NA	NA	NA	9	01/01/1968	22/09/2016
	White Dead-nettle	Lamium album	NA	NA	NA	NA	15	01/01/1968	10/09/2016
	White Helleborine	Cephalanthera damasonium	NA	NA	NERC-S41	RL-Eng-post2001-VU, RL-GB-post2001-VU	2	01/01/1968	20/05/2003
	White Willow	Salix alba	NA	NA	NA	NA	1	16/07/1985	16/07/1985
	Wild Angelica	Angelica sylvestris	NA	NA	NA	NA	3	13/06/1957	22/09/2016
	Wild Basil	Clinopodium vulgare	NA	NA	NA	NA	1	01/01/1977	01/01/1981
	Wild Liquorice	Astragalus glycyphyllos	NA	NA	NA	NA	3	01/01/1968	16/06/1998
	Wild Mignonette	Reseda lutea	NA	NA	NA	NA	2	01/01/1977	01/01/1981
	Wild Parsnip	Pastinaca sativa	NA	NA	NA	NA	1	16/07/1985	16/07/1985
	Wild Plum	Prunus domestica	NA	NA	NA	NA	1	26/07/1999	26/07/1999
	Wild Privet	Ligustrum vulgare	NA	NA	NA	NA	13	01/01/1968	10/09/2016

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	Wild Strawberry	Fragaria vesca	NA	NA	NA	RL-Eng-post2001-NT	8	01/01/1968	20/05/2003
	Wild Teasel	Dipsacus fullonum	NA	NA	NA	NA	3	27/06/2013	22/09/2016
	Wild Thyme	Thymus polytrichus	NA	NA	NA	NA	3	09/05/1985	21/06/1991
	Willow	Salix	NA	NA	NA	NA	2	05/10/2020	05/10/2020
	Wood-sedge	Carex sylvatica	NA	NA	NA	NA	3	13/06/1957	30/09/1990
	Wood-sorrel	Oxalis acetosella	NA	NA	NA	RL-Eng-post2001-NT	3	25/04/2001	12/06/2002
	Wood Anemone	Anemone nemorosa	NA	NA	NA	NA	1	01/03/1990	30/09/1990
	Wood Avens	Geum urbanum	NA	NA	NA	NA	21	13/06/1957	10/09/2016
	Wood Dock	Rumex sanguineus	NA	NA	NA	NA	1	17/08/1991	17/08/1991
	Wood Meadow-grass	Poa nemoralis	NA	NA	NA	NA	2	01/01/1968	17/08/1991
	Wood Speedwell	Veronica montana	NA	NA	NA	NA	2	13/06/1957	17/08/1991
	Woodruff	Galium odoratum	NA	NA	NA	NA	2	07/05/2002	20/05/2003
	Woolly Thistle	Cirsium eriophorum	NA	NA	NA	NA	9	01/01/1968	10/05/2000
	Wych Elm	Ulmus glabra	NA	NA	NA	NA	2	01/01/1968	01/01/1978
	Yarrow	Achillea millefolium	NA	NA	NA	NA	11	01/01/1968	22/09/2016
	Yellow-rattle	Rhinanthus minor	NA	NA	NA	NA	1	01/01/1977	01/01/1981
	Yellow Iris	Iris pseudacorus	NA	NA	NA	NA	3	13/06/1957	16/07/1985
	Yorkshire-fog	Holcus lanatus	NA	NA	NA	NA	4	01/01/1968	22/09/2016
Higher Plants - Horsetails									
	Field Horsetail	Equisetum arvense	NA	NA	NA	NA	2	01/03/1990	10/09/2016
	Great Horsetail	Equisetum telmateia	NA	NA	NA	NA	1	01/01/1978	01/01/1978
	Marsh Horsetail	Equisetum palustre	NA	NA	NA	NA	1	13/06/1957	13/06/1957
Invertebrates - Ants, Bees, Sawflies & Wasps									

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	An Ant, Bee, Sawfly or Wasp	Myrmica scabrinodis	NA	NA	NA	NA	1	18/03/1993	18/03/1993
	Bedeguar Gall	Diplolepis rosae	NA	NA	NA	NA	1	10/05/2000	10/05/2000
	Red-tailed Bumblebee	Bombus lapidarius	NA	NA	NA	NA	1	09/05/1985	09/05/1985
	Yellow Meadow Ant	Lasius flavus	NA	NA	NA	NA	1	18/03/1993	18/03/1993
Invertebrates - Beetles									
	14-spot Ladybird	Propylea quattuordecimpunctata	NA	NA	NA	NA	11	09/05/1985	16/05/2016
	16-spot Ladybird	Tytthaspis sedecimpunctata	NA	NA	NA	NA	2	22/08/1996	26/07/2010
	2-spot Ladybird	Adalia bipunctata	NA	NA	NA	NA	2	19/06/1996	19/06/1996
	7-spot Ladybird	Coccinella septempunctata	NA	NA	NA	NA	10	09/05/1985	16/08/2010
	A Beetle	Abax parallelepipedus	NA	NA	NA	NA	1	23/08/1985	16/05/2016
	A Beetle	Agriotes pallidulus	NA	NA	NA	NA	1	23/08/1985	16/05/2016
	A Beetle	Agrypnus murinus	NA	NA	NA	NA	1	23/08/1985	16/05/2016
	A Beetle	Altica palustris	NA	NA	NA	NA	1	23/08/1985	16/05/2016
	A Beetle	Amara familiaris	NA	NA	NA	NA	1	23/08/1985	16/05/2016
	A Beetle	Amara plebeja	NA	NA	NA	NA	1	23/08/1985	16/05/2016
	A Beetle	Anaspis maculata	NA	NA	NA	NA	4	23/08/1985	16/05/2016
	A Beetle	Anaspis rufilabris	NA	NA	NA	NA	1	23/08/1985	16/05/2016
	A Beetle	Asaphidion curtum	NA	NA	NA	NA	1	23/08/1985	16/05/2016
	A Beetle	Athous bicolor	NA	NA	NA	NA	1	23/08/1985	16/05/2016
	A Beetle	Athous haemorrhoidalis	NA	NA	NA	NA	3	23/08/1985	16/05/2016
	A Beetle	Bembidion lunulatum	NA	NA	NA	NA	1	23/08/1985	16/05/2016

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	A Beetle	Bembidion obtusum	NA	NA	NA	NA	1	23/08/1985	16/05/2016
	A Beetle	Calodromius spilotus	NA	NA	NA	NA	1	23/08/1985	16/05/2016
	A Beetle	Cantharis decipiens	NA	NA	NA	NA	1	23/08/1985	16/05/2016
	A Beetle	Cantharis pallida	NA	NA	NA	NA	1	23/08/1985	16/05/2016
	A Beetle	Cantharis rustica	NA	NA	NA	NA	1	23/08/1985	16/05/2016
	A Beetle	Cassida vibex	NA	NA	NA	NA	1	23/08/1985	16/05/2016
	A Beetle	Cordylepherus viridis	NA	NA	NA	NA	1	23/08/1985	16/05/2016
	A Beetle	Crepidodera aurea	NA	NA	NA	NA	1	23/08/1985	16/05/2016
	A Beetle	Cryptocephalus hypochaeridis	NA	NA	NA	NA	1	23/08/1985	16/05/2016
	A Beetle	Ctenicera cuprea	NA	NA	NA	NA	1	23/08/1985	16/05/2016
	A Beetle	Demetrias atricapillus	NA	NA	NA	NA	2	23/08/1985	16/05/2016
	A Beetle	Denticollis linearis	NA	NA	NA	NA	1	23/08/1985	16/05/2016
	A Beetle	Dryophilus pusillus	NA	NA	NA	NA	1	23/08/1985	16/05/2016
	A Beetle	Grammoptera ruficornis	NA	NA	NA	NA	2	23/08/1985	16/05/2016
	A Beetle	Ischnopterapion loti	NA	NA	NA	NA	2	23/08/1985	16/05/2016
	A Beetle	Lagria hirta	NA	NA	NA	NA	2	23/08/1985	16/05/2016
	A Beetle	Longitarsus kutscherae	NA	NA	NA	NA	1	23/08/1985	16/05/2016
	A Beetle	Longitarsus luridus	NA	NA	NA	NA	1	23/08/1985	16/05/2016
	A Beetle	Longitarsus pratensis	NA	NA	NA	NA	1	23/08/1985	16/05/2016
	A Beetle	Loricera pilicornis	NA	NA	NA	NA	2	23/08/1985	16/05/2016
	A Beetle	Malthinus flaveolus	NA	NA	NA	NA	1	23/08/1985	16/05/2016
	A Beetle	Malthodes marginatus	NA	NA	NA	NA	1	23/08/1985	16/05/2016

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	A Beetle	Nebria brevicollis	NA	NA	NA	NA	1	23/08/1985	16/05/2016
	A Beetle	Neocrepidodera transversa	NA	NA	NA	NA	1	23/08/1985	16/05/2016
	A Beetle	Nitidulidae	NA	NA	NA	NA	1	23/08/1985	16/05/2016
	A Beetle	Notiophilus biguttatus	NA	NA	NA	NA	1	23/08/1985	16/05/2016
	A Beetle	Oedemera lurida	NA	NA	NA	NA	2	23/08/1985	16/05/2016
	A Beetle	Polydrusus planifrons	NA	NA	NA	NA	1	23/08/1985	16/05/2016
	A Beetle	Protapion nigritarse	NA	NA	NA	NA	1	23/08/1985	16/05/2016
	A Beetle	Pterostichus strenuus	NA	NA	NA	NA	1	23/08/1985	16/05/2016
	A Beetle	Rhagonycha lignosa	NA	NA	NA	NA	1	23/08/1985	16/05/2016
	A Beetle	Rhagonycha nigriventris	NA	NA	NA	NA	2	23/08/1985	16/05/2016
	A Beetle	Rhagonycha testacea	NA	NA	NA	NA	1	23/08/1985	16/05/2016
	A Beetle	Sermylassa halensis	NA	NA	NA	NA	1	23/08/1985	16/05/2016
	A Beetle	Stenopterapion tenue	NA	NA	NA	NA	1	23/08/1985	16/05/2016
	A Beetle	Stenus impressus	NA	NA	NA	NA	1	23/08/1985	16/05/2016
	A Beetle	Tachyporus dispar	NA	NA	NA	NA	1	23/08/1985	16/05/2016
	A Beetle	Telmatophilus brevicollis	NA	NA	NA	RL-GB-pre94-R	1	23/08/1985	16/05/2016
	A Beetle	Tenebrionidae	NA	NA	NA	NA	1	23/08/1985	16/05/2016
	A Beetle	Trechus obtusus	NA	NA	NA	NA	1	23/08/1985	16/05/2016
	Apple Fruit Rhynchites	Tatianaerhynchites aequatus	NA	NA	NA	NA	2	20/05/2003	16/05/2016
	Black Clock	Pterostichus madidus	NA	NA	NA	NA	1	15/05/2001	15/05/2001
	Brown Leaf Weevil	Phyllobius oblongus	NA	NA	NA	NA	1	20/05/2003	20/05/2003

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	Cabbage-stem Flea Beetle	Psylliodes chrysocephala	NA	NA	NA	NA	1	16/08/2010	16/08/2010
	Clay-coloured Weevil	Otiorhynchus singularis	NA	NA	NA	NA	1	12/06/2002	12/06/2002
	Common Cockchafer	Melolontha melolontha	NA	NA	NA	NA	1	25/05/2016	25/05/2016
	Common Leaf Weevil	Phyllobius pyri	NA	NA	NA	NA	4	01/07/1987	20/05/2003
	Common Pollen Beetle	Meligethes aeneus	NA	NA	NA	NA	5	25/04/2001	27/05/2004
	Common Red Soldier Beetle	Rhagonycha fulva	NA	NA	NA	NA	2	26/07/1999	26/07/2010
	Cream-spot Ladybird	Calvia quattuordecimguttata	NA	NA	NA	NA	2	16/07/1985	20/05/2003
	Dogs-Mercury Flea Beetle	Hermaeophaga mercurialis	NA	NA	NA	NA	1	25/04/2001	25/04/2001
	Flax Flea Beetle	Longitarsus parvulus	NA	NA	NA	Notable-A	2	26/07/1999	25/04/2001
	Glow-worm	Lampyris noctiluca	NA	NA	NA	NA	1	21/06/1991	21/06/1991
	Green Tortoise Beetle	Cassida viridis	NA	NA	NA	NA	1	23/08/1985	23/08/1985
	Hawthorn Leaf Beetle	Lochmaea crataegi	NA	NA	NA	NA	1	09/05/1985	09/05/1985
	Knotgrass Leaf Beetle	Chrysolina polita	NA	NA	NA	NA	2	01/10/1985	22/08/1996
	Large Flax Flea Beetle	Aphthona euphorbiae	NA	NA	NA	NA	3	26/07/1999	15/05/2001
	Malachite Beetle	Malachius bipustulatus	NA	NA	NA	NA	2	15/06/1986	19/06/1996
	Mangold Flea Beetle	Chaetocnema concinna	NA	NA	NA	NA	1	12/06/2002	12/06/2002
	Oat Leaf Beetle	Oulema duftschmidi/melanopus	NA	NA	NA	NA	1	01/10/1985	01/10/1985
	Pea-leaf Weevil	Sitona lineatus	NA	NA	NA	NA	3	01/05/2004	31/05/2004

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	Pine Ladybird	Exochomus quadripustulatus	NA	NA	NA	NA	1	09/05/1985	09/05/1985
	Plum Beetle	Tetrops praeustus	NA	NA	NA	NA	1	19/06/1996	19/06/1996
	Potato Flea Beetle	Psylliodes affinis	NA	NA	NA	NA	1	12/06/2002	12/06/2002
	Raspberry Beetle	Byturus tomentosus	NA	NA	NA	NA	3	14/05/1997	20/05/2003
	Rough Strawberry-root Weevil	Otiorhynchus rugosostriatus	NA	NA	NA	NA	1	15/05/2001	15/05/2001
	Rugged Oil-beetle	Meloe rugosus	NA	NA	NERC-S41	NA	1	18/03/1993	18/03/1993
	Small Green Nettle Weevil	Phyllobius roboretanus	NA	NA	NA	NA	2	12/06/2002	20/05/2003
	Small Nettle Weevil	Nedyus quadrimaculatus	NA	NA	NA	NA	2	15/05/2001	20/05/2003
	Turnip Flea Beetle	Phyllotreta atra	NA	NA	NA	NA	1	19/06/1996	15/05/2001
	Turnip Flea Beetle	Phyllotreta nigripes	NA	NA	NA	NA	1	19/06/1996	15/05/2001
Invertebrates - Butterflies									
	Brimstone	Gonepteryx rhamni	NA	NA	NA	NA	10	09/05/1985	20/04/2021
	Brimstone	Gonepteryx rhamni rhamni	NA	NA	NA	NA	1	09/05/1985	03/08/2020
	Brown Argus	Aricia agestis	NA	NA	NA	NA	1	21/06/1991	21/06/1991
	Comma	Polygonia c-album	NA	NA	NA	NA	6	26/07/2010	09/08/2020
	Common Blue	Polyommatus icarus	NA	NA	NA	NA	11	16/07/1985	01/08/2020
	Gatekeeper	Pyronia tithonus	NA	NA	NA	NA	8	20/07/2018	09/08/2020
	Green-veined White	Pieris napi	NA	NA	NA	NA	12	15/05/1991	01/08/2020
	Hedge Brown	Pyronia tithonus britanniae	NA	NA	NA	NA	10	16/07/1985	26/07/2010
	Holly Blue	Celastrina argiolus	NA	NA	NA	NA	4	15/05/1991	03/08/2020

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	Holly Blue	Celastrina argiolus britanna	NA	NA	NA	NA	5	15/05/1991	03/08/2020
	Large Skipper	Ochlodes sylvanus	NA	NA	NA	NA	1	16/07/1985	16/07/1985
	Large White	Pieris brassicae	NA	NA	NA	NA	20	01/01/1990	09/08/2020
	Marbled White	Melanargia galathea	NA	NA	NA	NA	2	16/07/1985	01/08/2020
	Marbled White	Melanargia galathea serena	NA	NA	NA	NA	4	16/07/1985	01/08/2020
	Meadow Brown	Maniola jurtina	NA	NA	NA	NA	18	11/07/1979	03/08/2020
	Meadow Brown	Maniola jurtina jurtina	NA	NA	NA	NA	7	11/07/1979	03/08/2020
	Orange-tip	Anthocharis cardamines	NA	NA	NA	NA	11	09/05/1985	21/05/2019
	Painted Lady	Vanessa cardui	NA	NA	NA	NA	9	01/01/1990	24/08/2019
	Peacock	Aglais io	NA	NA	NA	NA	16	09/05/1985	01/08/2020
	Purple Hairstreak	Favonius quercus	NA	NA	NA	NA	1	13/08/1994	13/08/1994
	Red Admiral	Vanessa atalanta	NA	NA	NA	NA	17	01/01/1990	09/08/2020
	Ringlet	Aphantopus hyperantus	NA	NA	NA	NA	12	11/07/1979	24/07/2020
	Small Copper	Lycaena phlaeas	NA	NA	NA	NA	3	13/08/1994	26/07/2010
	Small Heath	Coenonympha pamphilus	NA	NA	NERC-S41	RL-GB-post2001-NT	5	16/07/1985	22/08/1996
	Small Skipper	Thymelicus sylvestris	NA	NA	NA	NA	5	11/07/1979	26/07/2010
	Small Tortoiseshell	Aglais urticae	NA	NA	NA	NA	16	01/10/1985	09/08/2020
	Small White	Pieris rapae	NA	NA	NA	NA	18	09/05/1985	29/07/2020
	Speckled Wood	Pararge aegeria	NA	NA	NA	NA	11	01/01/1990	01/08/2020
Invertebrates - Centipedes									
	A Centipede	Cryptops hortensis	NA	NA	NA	NA	2	21/06/1991	15/05/2001
	A Centipede	Geophilus flavus	NA	NA	NA	NA	2	21/06/1991	15/05/2001

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	A Centipede	Lithobius (Lithobius) calcaratus	NA	NA	NA	NA	1	21/06/1991	15/05/2001
	A Centipede	Lithobius (Lithobius) forficatus	NA	NA	NA	NA	3	21/06/1991	15/05/2001
	A Centipede	Lithobius (Lithobius) melanops	NA	NA	NA	NA	1	21/06/1991	15/05/2001
	A Centipede	Lithobius (Sigibius) microps	NA	NA	NA	NA	1	21/06/1991	15/05/2001
	A Centipede	Schendyla nemorensis	NA	NA	NA	NA	1	21/06/1991	15/05/2001
	A Centipede	Strigamia crassipes	NA	NA	NA	NA	1	21/06/1991	15/05/2001
Invertebrates - Crustaceans									
	A Crustacean	Haplophthalmus mengii	NA	NA	NA	NA	2	06/07/1985	18/03/1993
	A Crustacean	Porcellio spinicornis	NA	NA	NA	NA	1	06/07/1985	18/03/1993
	A Crustacean	Trichoniscus pygmaeus	NA	NA	NA	NA	1	06/07/1985	18/03/1993
	Ant Woodlouse	Platyarthrus hoffmannseggii	NA	NA	NA	NA	2	21/06/1991	18/03/1993
	Common Pill Woodlouse	Armadillidium vulgare	NA	NA	NA	NA	1	18/03/1993	18/03/1993
	Common Pygmy Woodlouse	Trichoniscus pusillus	NA	NA	NA	NA	2	21/06/1991	18/03/1993
	Common Rough Woodlouse	Porcellio scaber	NA	NA	NA	NA	2	21/06/1991	18/03/1993
	Common Shiny Woodlouse	Oniscus asellus	NA	NA	NA	NA	2	21/06/1991	18/03/1993
	Common Striped Woodlouse	Philoscia muscorum	NA	NA	NA	NA	2	21/06/1991	18/03/1993
	White-clawed Crayfish	Austropotamobius pallipes	HabDir-A2np, HabDir-A5	WACA-Sch5-s9.1t/s9.5a	NERC-S41	RL-Global-post2001-EN	5	12/10/2009	12/10/2009
Invertebrates - Dragonflies & Damselflies									
	Broad-bodied Chaser	Libellula depressa	NA	NA	NA	NA	1	01/07/2020	01/07/2020
	Brown Hawker	Aeshna grandis	NA	NA	NA	NA	1	26/07/1999	26/07/1999

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Invertebrates - Earwigs									
	Common Earwig	Forficula auricularia	NA	NA	NA	NA	7	01/10/1985	16/05/2016
Invertebrates - Grasshoppers & Crickets									
	Common Ground-hopper	Tetrix undulata	NA	NA	NA	NA	2	09/05/1985	15/05/2001
	Dark Bush-cricket	Pholidoptera griseoaptera	NA	NA	NA	NA	1	29/09/1985	29/09/1985
	Oak Bush-cricket	Meconema thalassinum	NA	NA	NA	NA	1	29/09/1985	29/09/1985
Invertebrates - Harvestmen									
	A Harvestman	Anelasmocephalus cambridgei	NA	NA	NA	NA	1	18/03/1993	18/03/1993
	A Harvestman	Megabunus diadema	NA	NA	NA	NA	1	18/03/1993	18/03/1993
Invertebrates - Millipedes									
	A Millipede	Boreoiulus tenuis	NA	NA	NA	NA	1	18/03/1993	18/03/1993
	A Millipede	Brachydesmus superus	NA	NA	NA	NA	1	18/03/1993	18/03/1993
	A Millipede	Ophiodesmus albonanus	NA	NA	NA	NA	1	18/03/1993	18/03/1993
	Pill Millipede	Glomeris marginata	NA	NA	NA	NA	2	21/06/1991	18/03/1993
	Spotted Snake Millipede	Blaniulus guttulatus	NA	NA	NA	NA	1	18/03/1993	18/03/1993
	White-legged Snake Millipede	Tachypodoiulus niger	NA	NA	NA	NA	1	21/06/1991	21/06/1991
Invertebrates - Molluscs									
	A Mollusc	Columella edentula seg.	NA	NA	NA	NA	1	18/03/1993	03/02/1999
	A Mollusc	Euconulus fulvus seg.	NA	NA	NA	NA	2	18/03/1993	03/02/1999
	A Mollusc	Vitrea crystallina seg.	NA	NA	NA	NA	1	18/03/1993	03/02/1999
	Blind Snail	Cecilioides (Cecilioides) acicula	NA	NA	NA	NA	1	18/03/1993	18/03/1993
	Blue-black Soil Slug	Arion (Kobeltia) hortensis	NA	NA	NA	NA	3	13/10/1994	03/02/1999

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	Brown-lipped Snail	Cepaea (Cepaea) nemoralis	NA	NA	NA	NA	5	09/05/1985	25/04/2001
	Cellar Snail	Oxychilus (Oxychilus) cellarius	NA	NA	NA	NA	3	18/03/1993	03/02/1999
	Clear Glass Snail	Aegopinella pura	NA	NA	NA	NA	2	23/07/1997	03/02/1999
	Common Chrysalis Snail	Lauria (Lauria) cylindracea	NA	NA	NA	NA	2	13/10/1994	13/10/1994
	Common Garden Snail	Cornu aspersum	NA	NA	NA	NA	2	14/05/1997	25/04/2001
	Copse Snail	Arianta arbustorum	NA	NA	NA	NA	1	03/02/1999	03/02/1999
	Dusky Slug	Arion (Mesarion) subfuscus	NA	NA	NA	NA	2	03/02/1999	15/05/2001
	Dwarf Snail	Punctum (Punctum) pygmaeum	NA	NA	NA	NA	1	23/07/1997	23/07/1997
	Eccentric Grass Snail	Vallonia cf. excentrica	NA	NA	NA	NA	1	18/03/1993	18/03/1993
	Freshwater Nerite	Theodoxus fluviatilis	NA	NA	NA	NA	2	01/11/1979	05/10/1982
	Glossy Glass Snail	Oxychilus (Oxychilus) navarricus subsp. helveticus	NA	NA	NA	NA	4	13/10/1994	03/02/1999
	Hairy Snail	Trochulus hispidus	NA	NA	NA	NA	2	13/10/1994	13/10/1994
	Heath Snail	Helicella itala	NA	NA	NA	NA	1	18/03/1993	18/03/1993
	Kentish Snail	Monacha (Monacha) cantiana	NA	NA	NA	NA	1	14/05/1997	14/05/1997
	Large Black Slug	Arion (Arion) ater	NA	NA	NA	RL-GB-post2001-DD	1	03/02/1999	03/02/1999
	Least Slippery Snail	Cochlicopa cf. lubricella	NA	NA	NA	NA	2	23/07/1997	03/02/1999
	Leopard Slug	Limax maximus	NA	NA	NA	NA	1	03/02/1999	03/02/1999
	Lesser Bulin	Merdigera obscura	NA	NA	NA	NA	3	18/03/1993	13/10/1994
	Long-toothed Herald Snail	Carychium tridentatum	NA	NA	NA	NA	3	13/10/1994	23/07/1997

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	Milky Crystal Snail	Vitrea contracta	NA	NA	NA	NA	2	18/03/1993	03/02/1999
	Moss Chrysalis Snail	Pupilla (Pupilla) muscorum	NA	NA	NA	NA	1	18/03/1993	18/03/1993
	Netted Field Slug	Deroceras (Deroceras) reticulatum	NA	NA	NA	NA	4	18/03/1993	03/02/1999
	Rayed Glass Snail	Nesovitrea (Perpolita) hammonis	NA	NA	NA	NA	1	23/07/1997	23/07/1997
	Rock Snail	Pyramidula umbilicata	NA	NA	NA	NA	1	13/10/1994	13/10/1994
	Rounded Snail	Discus (Gonyodiscus) rotundatus	NA	NA	NA	NA	7	18/03/1993	03/02/1999
	Slippery Moss Snail	Cochlicopa cf. lubrica	NA	NA	NA	NA	4	18/03/1993	23/07/1997
	Smooth Glass Snail	Aegopinella nitidula	NA	NA	NA	NA	2	23/07/1997	23/07/1997
	Strawberry Snail	Trochulus (Trochulus) striolatus	NA	NA	NA	NA	5	18/03/1993	23/07/1997
	Striped Snail	Cernuella (Cernuella) virgata	NA	NA	NA	NA	2	23/07/1997	23/07/1997
	Three-toothed Moss Snail	Azeca goodalli	NA	NA	NA	NA	1	23/07/1997	23/07/1997
	Two-toothed Door Snail	Clausilia (Clausilia) bidentata	NA	NA	NA	NA	7	18/03/1993	15/05/2001
	Winter Semi-slug	Vitrina pellucida	NA	NA	NA	NA	4	13/10/1994	03/02/1999
	Wrinkled Snail	Xeroplexa intersecta	NA	NA	NA	NA	1	18/03/1993	18/03/1993
Invertebrates - Moths									
	A Moth	Camptogramma bilineata subsp. bilineata	NA	NA	NA	NA	1	16/07/1985	16/07/1985
	Cinnabar	Tyria jacobaeae	NA	NA	NERC-S41	NA	2	22/08/1996	22/08/1996
	Latticed Heath	Chiasmia clathrata	NA	NA	NERC-S41	NA	1	16/07/1985	16/07/1985
	Narrow-bordered Five-spot Burnet	Zygaena lonicerae	NA	NA	NA	NA	1	19/06/1996	19/06/1996

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	Silver-ground Carpet	Xanthorhoe montanata	NA	NA	NA	NA	2	16/06/1998	12/06/2002
	Silver Y	Autographa gamma	NA	NA	NA	NA	3	01/10/1985	22/08/1996
Invertebrates - Scorpionflies									
	A Scorpionfly	Panorpa communis	NA	NA	NA	NA	1	27/06/2013	27/06/2013
Invertebrates - Spiders									
	A Spider	Coelotes atropos	NA	NA	NA	NA	1	18/03/1993	18/03/1993
	A Spider	Dysdera erythrina	NA	NA	NA	NA	1	18/03/1993	18/03/1993
	A Spider	Zelotes latreillei	NA	NA	NA	NA	1	18/03/1993	18/03/1993
	spiders	Araneae	NA	NA	NA	NA	1	27/05/2004	27/05/2004
Invertebrates - True Bugs									
	A True Bug	Anaceratagallia venosa	NA	NA	NA	NA	1	09/05/1985	16/05/2016
	A True Bug	Anthocoris nemoralis	NA	NA	NA	NA	6	09/05/1985	16/05/2016
	A True Bug	Aphrodes makarovi	NA	NA	NA	NA	1	09/05/1985	16/05/2016
	A True Bug	Aphrophora alni	NA	NA	NA	NA	3	09/05/1985	16/05/2016
	A True Bug	Aphrophora pectoralis	NA	NA	NA	NA	1	09/05/1985	16/05/2016
	A True Bug	Calocoris (Calocoris) alpestris	NA	NA	NA	NA	1	09/05/1985	16/05/2016
	A True Bug	Calocoris (Calocoris) roseomaculatus	NA	NA	NA	NA	1	09/05/1985	16/05/2016
	A True Bug	Campyloneura virgula	NA	NA	NA	NA	1	09/05/1985	16/05/2016
	A True Bug	Capsus ater	NA	NA	NA	NA	2	09/05/1985	16/05/2016
	A True Bug	Cercopis vulnerata	NA	NA	NA	NA	1	09/05/1985	16/05/2016
	A True Bug	Cixius nervosus	NA	NA	NA	NA	1	09/05/1985	16/05/2016
	A True Bug	Coriomeris denticulatus	NA	NA	NA	NA	1	09/05/1985	16/05/2016
	A True Bug	Cyllecoris histrionius	NA	NA	NA	NA	1	09/05/1985	16/05/2016

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	A True Bug	Deraeocoris (Deraeocoris) ruber	NA	NA	NA	NA	1	09/05/1985	16/05/2016
	A True Bug	Deraeocoris (Knightocapsus) lutescens	NA	NA	NA	NA	1	09/05/1985	16/05/2016
	A True Bug	Dicyphus (Dicyphus) epilobii	NA	NA	NA	NA	2	09/05/1985	16/05/2016
	A True Bug	Dicyphus (Dicyphus) stachydis	NA	NA	NA	NA	6	09/05/1985	16/05/2016
	A True Bug	Empoasca decipiens	NA	NA	NA	NA	1	09/05/1985	16/05/2016
	A True Bug	Eupelix cuspidata	NA	NA	NA	NA	1	09/05/1985	16/05/2016
	A True Bug	Eupteryx urticae	NA	NA	NA	NA	1	09/05/1985	16/05/2016
	A True Bug	Eupteryx vittata	NA	NA	NA	NA	1	09/05/1985	16/05/2016
	A True Bug	Grypocoris (Lophyromiris) stysi	NA	NA	NA	NA	1	09/05/1985	16/05/2016
	A True Bug	Heterotoma planicornis	NA	NA	NA	NA	3	09/05/1985	16/05/2016
	A True Bug	Himacerus (Anaptus) major	NA	NA	NA	NA	2	09/05/1985	16/05/2016
	A True Bug	Iassus lanio	NA	NA	NA	NA	1	09/05/1985	16/05/2016
	A True Bug	Liocoris tripustulatus	NA	NA	NA	NA	6	09/05/1985	16/05/2016
	A True Bug	Megaloceroea recticornis	NA	NA	NA	NA	2	09/05/1985	16/05/2016
	A True Bug	Notostira elongata	NA	NA	NA	NA	2	09/05/1985	16/05/2016
	A True Bug	Orthops (Orthops) campestris	NA	NA	NA	NA	2	09/05/1985	16/05/2016
	A True Bug	Physatocheila dumetorum	NA	NA	NA	NA	1	09/05/1985	16/05/2016
	A True Bug	Phytocoris (Ktenocoris) varipes	NA	NA	NA	NA	1	09/05/1985	16/05/2016
	A True Bug	Phytocoris (Phytocoris) tiliae	NA	NA	NA	NA	1	09/05/1985	16/05/2016
	A True Bug	Pinalitus cervinus	NA	NA	NA	NA	1	09/05/1985	16/05/2016

Taxon Group	Common Name	Latin Name	European Directives	UK Legislation	NERC s41	Other Designations	No of records	Earliest Record	Latest Record
	A True Bug	Plagiognathus (Plagiognathus) arbustorum	NA	NA	NA	NA	3	09/05/1985	16/05/2016
	A True Bug	Plagiognathus (Plagiognathus) chrysanthemi	NA	NA	NA	NA	2	09/05/1985	16/05/2016
	A True Bug	Populicerus nitidissimus	NA	NA	NA	Notable-A	1	09/05/1985	16/05/2016
	A True Bug	Psallus (Hylopsallus) perrisi	NA	NA	NA	NA	1	09/05/1985	16/05/2016
	A True Bug	Psallus (Phylidea) quercus	NA	NA	NA	NA	1	09/05/1985	16/05/2016
	A True Bug	Psallus (Psallus) falleni	NA	NA	NA	NA	1	09/05/1985	16/05/2016
	A True Bug	Psammotettix confinis	NA	NA	NA	NA	2	09/05/1985	16/05/2016
	A True Bug	Scolopostethus thomsoni	NA	NA	NA	NA	2	09/05/1985	16/05/2016
	A True Bug	Stenodema (Stenodema) laevigata	NA	NA	NA	NA	1	09/05/1985	16/05/2016
	A True Bug	Tinicephalus (Tinicephalus) hortulanus	NA	NA	NA	NA	1	09/05/1985	16/05/2016
	A True Bug	Tremulicerus tremulae	NA	NA	NA	NA	1	09/05/1985	16/05/2016
	A True Bug	Turrutus socialis	NA	NA	NA	NA	1	09/05/1985	16/05/2016
	Black-Kneed Apple Capsid	Blepharidopterus angulatus	NA	NA	NA	NA	1	23/08/1985	23/08/1985
	Broad Damselbug	Nabis (Nabicula) flavomarginatus	NA	NA	NA	NA	1	16/08/2010	16/08/2010
	Common Flower Bug	Anthocoris nemorum	NA	NA	NA	NA	4	15/06/1986	16/05/2016
	Creeping Thistle Lacebug	Tingis (Tingis) ampliata	NA	NA	NA	NA	1	19/06/1996	19/06/1996
	Cuckoo-Spit Insect	Philaenus spumarius	NA	NA	NA	NA	4	16/07/1985	26/07/1999
	European Tarnished Plant Bug	Lygus rugulipennis	NA	NA	NA	NA	1	26/07/2010	26/07/2010

Taxon Group	Common Name	Latin Name	European Directives	UK Legislation	NERC s41	Other Designations	No of records	Earliest Record	Latest Record
	Fine Streaked Bugkin	Miris striatus	NA	NA	NA	NA	1	28/05/1997	28/05/1997
	Green Shieldbug	Palomena prasina	NA	NA	NA	NA	1	16/08/2010	16/08/2010
	Hairy Shieldbug	Dolycoris baccarum	NA	NA	NA	NA	2	14/05/1997	16/05/2016
	Hawthorn Shieldbug	Acanthosoma haemorrhoidale	NA	NA	NA	NA	1	01/10/1985	01/10/1985
	Marsh Damselbug	Nabis (Dolichonabis) limbatus	NA	NA	NA	NA	1	15/07/1986	15/07/1986
	Meadow Plant Bug	Leptopterna dolabrata	NA	NA	NA	NA	2	19/06/1996	27/06/2013
	Nettle Groundbug	Heterogaster urticae	NA	NA	NA	NA	1	15/06/1986	15/06/1986
	Pied Shieldbug	Tritomegas bicolor	NA	NA	NA	NA	1	16/05/2016	16/05/2016
	Potato Capsid	Closterotomus norwegicus	NA	NA	NA	NA	1	26/07/2010	26/07/2010
	Red-legged Shieldbug	Pentatoma rufipes	NA	NA	NA	NA	1	16/07/1985	16/07/1985
	Spear Thistle Lacebug	Tingis (Tingis) cardui	NA	NA	NA	NA	3	09/05/1985	27/06/2013
	Timothy Grassbug	Stenotus binotatus	NA	NA	NA	NA	2	23/08/1985	15/07/1986
	Tree Damsel Bug	Himacerus (Himacerus) apterus	NA	NA	NA	NA	1	26/07/1999	26/07/1999
	Woundwort Shieldbug	Eysarcoris venustissimus	NA	NA	NA	NA	6	01/10/1985	16/05/2016
Invertebrates - True Flies									
	A True Fly	Eristalis arbustorum	NA	NA	NA	NA	1	16/07/1985	23/08/1985
	A True Fly	Eristalis pertinax	NA	NA	NA	NA	1	16/07/1985	23/08/1985
	A True Fly	Syrphus ribesii	NA	NA	NA	NA	1	16/07/1985	23/08/1985
	A True Fly	Volucella pellucens	NA	NA	NA	NA	1	16/07/1985	23/08/1985
	Broad Centurion	Chloromyia formosa	NA	NA	NA	NA	2	15/07/1986	19/06/1996

Taxon Group	Common Name	Latin Name	European Directives	UK Legislation	NERC s41	Other Designations	No of records	Earliest Record	Latest Record
	Dark-edged Bee-fly	Bombylius major	NA	NA	NA	NA	1	19/06/1996	19/06/1996
	Dotted Bee-fly	Bombylius discolor	NA	NA	NA	Notable	1	31/03/2019	31/03/2019
	Marmalade Hoverfly	Episyrphus balteatus	NA	NA	NA	NA	1	23/08/1985	23/08/1985
Lower Plants - Mosses									
	A Moss	Barbula convoluta var. sardoa	NA	NA	NA	NA	1	02/06/2007	02/06/2007
	A Moss	Bryum dichotomum	NA	NA	NA	NA	1	02/06/2007	02/06/2007
	A Moss	Fissidens taxifolius var. taxifolius	NA	NA	NA	NA	1	02/06/2007	02/06/2007
	Big Shaggy-moss	Rhytidiadelphus triquetrus	NA	NA	NA	NA	1	02/06/2007	02/06/2007
	Bird's-claw Beard-moss	Barbula unguiculata	NA	NA	NA	NA	1	02/06/2007	02/06/2007
	Capillary Thread-moss	Bryum capillare	NA	NA	NA	NA	1	02/06/2007	02/06/2007
	Common Cord-moss	Funaria hygrometrica	NA	NA	NA	NA	1	02/06/2007	02/06/2007
	Common Feather-moss	Kindbergia praelonga	NA	NA	NA	NA	1	02/06/2007	02/06/2007
	Common Tamarisk-moss	Thuidium tamariscinum	NA	NA	NA	NA	1	04/06/1987	04/06/1987
	Cypress-leaved Plait-moss	Hypnum cupressiforme	NA	NA	NA	NA	1	02/06/2007	02/06/2007
	Fallacious Beard-moss	Didymodon fallax	NA	NA	NA	NA	1	02/06/2007	02/06/2007
	Grey-cushioned Grimmia	Grimmia pulvinata	NA	NA	NA	NA	1	02/06/2007	02/06/2007
	Hart's-tongue Thyme-moss	Plagiomnium undulatum	NA	NA	NA	NA	1	02/06/2007	02/06/2007
	Intermediate Screw-moss	Syntrichia montana	NA	NA	NA	NA	1	02/06/2007	02/06/2007

Taxon Group	Common Name	Latin Name	European Directives	UK Legislation	NERC s41	Other Designations	No of records	Earliest Record	Latest Record
	Neat Feather-moss	Pseudoscleropodium purum	NA	NA	NA	NA	1	02/06/2007	02/06/2007
	Pointed Spear-moss	Calliergonella cuspidata	NA	NA	NA	NA	1	02/06/2007	02/06/2007
	Rough-stalked Feather-moss	Brachythecium rutabulum	NA	NA	NA	NA	1	02/06/2007	02/06/2007
	Sessile Grimmia	Schistidium apocarpum	NA	NA	NA	NA	1	02/06/2007	02/06/2007
	Silky Wall Feather-moss	Homalothecium sericeum	NA	NA	NA	NA	1	02/06/2007	02/06/2007
	Springy Turf-moss	Rhytidiadelphus squarrosus	NA	NA	NA	NA	1	02/06/2007	02/06/2007
	Velvet Feather-moss	Brachytheciastrum velutinum	NA	NA	NA	NA	1	02/06/2007	02/06/2007
Mammals - Terrestrial (bats)									
	Bat	Chiroptera	HabDir-A2np, HabDir-A4	HabReg-Sch2, WACA-Sch5-s9.4b/s9.4c/s9.5a/s9.5b	NERC-S41	RL-GB-post2001-CR, RL-GB-post2001-EN, RL-GB-post2001-VU, RL-GB-post2001-NT, RL-GB-post2001-DD	8	04/11/2016	18/05/2021
	Bat	Vespertilionidae		HabReg-Sch2, WACA-Sch5-s9.4b/s9.4c/s9.5a/s9.5b	NERC-S41	BF-LBAP, RL-Global-post2001-NT	1	03/04/2021	03/04/2021
	Brown Long-eared Bat	Plecotus auritus	HabDir-A4	HabReg-Sch2, WACA-Sch5-s9.4b/s9.4c/s9.5a/s9.5b	NERC-S41	NA	9	27/08/2019	07/07/2021
	Common Pipistrelle	Pipistrellus pipistrellus	HabDir-A4	HabReg-Sch2, WACA-Sch5-s9.4b/s9.4c/s9.5a/s9.5b	NA	NA	10	21/06/2016	07/07/2021
	Myotis Bat species	Myotis	HabDir-A2np, HabDir-A4	HabReg-Sch2, WACA-Sch5-s9.4b/s9.4c/s9.5a/s9.5b	NERC-S41	RL-GB-post2001-CR, RL-GB-post2001-DD	1	08/06/2021	08/06/2021
	Natterer's Bat	Myotis nattereri	HabDir-A4	HabReg-Sch2, WACA-Sch5-s9.4b/s9.4c/s9.5a/s9.5b	NA	NA	6	27/06/2019	08/06/2021

Taxon Group	Common Name	Latin Name	European Directives	UK Legislation	NERC s41	Other Designations	No of records	Earliest Record	Latest Record
	Noctule Bat	Nyctalus noctula	HabDir-A4	HabReg-Sch2, WACA-Sch5-s9.4b/s9.4c/s9.5a/s9.5b	NERC-S41	NA	4	24/05/2016	27/06/2021
	Pipistrelle Bat species	Pipistrellus	HabDir-A4	HabReg-Sch2, WACA-Sch5-s9.4b/s9.4c/s9.5a/s9.5b	NERC-S41	RL-GB-post2001-NT	1	05/10/2020	05/10/2020
	Serotine	Eptesicus serotinus	HabDir-A4	HabReg-Sch2, WACA-Sch5-s9.4b/s9.4c/s9.5a/s9.5b	NA	RL-GB-post2001-VU	2	22/05/2021	07/07/2021
	Soprano Pipistrelle	Pipistrellus pygmaeus	HabDir-A4	HabReg-Sch2, WACA-Sch5-s9.4b/s9.4c/s9.5a/s9.5b	NERC-S41	NA	5	24/05/2016	27/06/2021
Mammals - Terrestrial (excl. bats)									
	Brown Hare	Lepus europaeus	NA	NA	NERC-S41	NA	63	10/02/2010	26/08/2021
	Chinese Muntjac	Muntiacus reevesi	NA	NA	NA	NA	31	17/01/2021	24/08/2021
	Deer	Cervidae	NA	NA	NA	NA	1	16/02/2021	16/02/2021
	Eastern Grey Squirrel	Sciurus carolinensis	NA	NA	NA	NA	3	19/06/1996	12/03/2002
	Eurasian Badger	Meles meles	NA	Badgers-1992	NA	NA	21	01/01/1977	15/03/2021
	Eurasian Otter	Lutra lutra	HabDir-A2np, HabDir-A4	HabReg-Sch2, WACA-Sch5-s9.4b/s9.4c/s9.5a	NERC-S41	NA	5	01/09/2003	11/04/2018
	European Mole	Talpa europaea	NA	NA	NA	NA	3	01/01/1977	22/08/1996
	Fallow Deer	Dama dama	NA	NA	NA	NA	6	19/06/1996	24/01/2021
	Rabbit	Oryctolagus cuniculus	NA	NA	NA	NA	7	14/06/1977	20/06/2020
	Red Fox	Vulpes vulpes	NA	NA	NA	NA	3	01/01/1977	12/06/2020
	Stoat	Mustela erminea	NA	NA	NA	NA	2	23/02/1986	10/06/2020
	West European Hedgehog	Erinaceus europaeus	NA	NA	NERC-S41	RL-GB-post2001-VU	3	01/01/2018	19/10/2020

Taxon Group	Common Name	Latin Name	European Directives	UK Legislation	NERC s41	Other Designations	No of records	Earliest Record	Latest Record
Reptiles									
	Common Lizard	Zootoca vivipara	NA	WACA-Sch5-s9.1k/s9.5a	NERC-S41	NA	1	27/05/2004	27/05/2004

INVASIVE SPECIES RECORDS

Taxon Group	Common Name	Latin Name	Status	No of records	Earliest Record	Latest Record
Higher Plants - Flowering Plants						
	Rhododendron	Rhododendron ponticum	INNS-Other-2015	1	01/01/1977	01/01/1981

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)

Produced by TVERC
March 2018

Thames Valley
Environmental Records Centre

TVERC is hosted by Oxfordshire County Council

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.

Appendix 4

Survey Origin Key (March 2022)

Survey Origin Abbreviation	Survey Origin Details
ABFG	Association of British Fungus Groups
AC	Academic Researcher
AEG	Astons Environment Group
AN	Abingdon Natural History Society
ANHSO	Ashmolean Natural History Society
ARC	Amphibian and Reptile Conservation
ARGUK	UK Amphibian & Reptile Groups
ARK	Action for the River Kennet
ASG	Anthomyiidae Study Group
BAT	Bat Licence Returns
BBG	Binfield Badger Group
BBOWT	Berkshire, Buckinghamshire and Oxfordshire Wildlife Trust
BBS	British Bryological Society
BC	Butterfly Conservation
BCT	Bat Conservation Trust
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
BNG	Benson Nature Group
BOC	Berkshire Bird Clubs
BOS	Banbury Ornithological Society
BRAG	Berkshire Reptile & Amphibian Group
BRC	Biological Record Centre
BSBBG	Berkshire & South Bucks Bat Group
BSBI	Botanical Society of the British Isles
BTC	Banbury Town Council

Survey Origin Abbreviation	Survey Origin Details
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
CFGA	Caring for God's Acre
CLPS	City of London Piscatorial Society
COS	County Ornithological Services
CPRE	Campaign to Protect Rural England
CRPG	Cotswold Rare Plant Group
CSP	Cherwell Swift Project
CWAS	Chinnor Works Angling Society
EA	Environment Agency (formally the National Rivers Authority)
EC	Professional Ecological Consultant
ESB	Earthworm Society of Britain
ESG	Eynsham Swift Group
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 the Lye Valley
FORW	Friends of Ruscombe Wood
FOSMF	Friends of St Mary's Fields, Kidlington
FOTEM	Friends of the Emm Brook
FOTTG	Friends of the Trap Grounds
FOWCP	Friends of Wargrave Chalk Pit
FROG	Froglife
FSC	Field Studies Council
FSO	Fungus Survey of Oxfordshire
FWAG	Farm and Wildlife Advisory Group
GCER	Gloucestershire Centre for Environmental Records
GCN	Great Crested Newt Licence Returns
HA	Highways Agency
HMWG	Hamstead Marsahll Wildlife Group
HPB	High Park Blenheim Surveys

Survey Origin Abbreviation	Survey Origin Details
HWMT	Hurst Water Meadow Trust
ICL	Imperial College London
IOSF	International Otter Survival Fund
IREC	I Record
JDA	Jo Dunn Archive
KKG	Keep Kentwood Green
LBRS	Longhorn Beetle Recording Scheme
LMG	Long Mead LWS Group
LN	Local/national expert (known to TVERC)
LNEC	Local Naturalist OR Ecological Consultant
LR	Living Records
LWT	Lavell's Wetland Trust
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
NDCC	Nettlebed & District Commons Conservators
NDD	National Dormouse Database
NDOC	Newbury District Ornithological Club
NE	Natural England (English nature, NCC)
NFC	Newbury Field Club
NHM	Natural History Museum (London)
NNSS	Non-native Species Secretariat
NORS	National Orthoptera Recording Scheme
NPD	National Ponds Database
NPMS	National Plant Monitoring Scheme (Contains data supplied by Natural Environment Research Council)
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

Survey Origin Abbreviation	Survey Origin Details
OFG	Oxfordshire Flora Group
OLWS	Oxfordshire Local Wildlife Sites Project
OMG	Oxfordshire Mossing Group
OOS	Oxfordshire Ornithological Society
ORAG	Oxfordshire Reptile and Amphibian Group
ORS	Opilliones Recording Scheme
OS	Otter Spotter Project
OSC	Oxford Swift City Project
OUNHM	Oxford University Natural History Museum
OUWG	Oxford Urban Wildlife Group
OWAC	Old Windsor Angling Club
OX	Oxford City Council
OxMG	Oxfordshire Mammal Group
PL	Plantlife
PT	Plant Tracker
PTES	People's Trust for Endangered Species
RBC	Reading Borough Council
RBWM	Royal Borough of Windsor and Maidenhead
RDNHS	Reading & District Natural History Society
RF	Richard Frankum
RI	Rothamsted Institute
RM	Reading Museum
RP	Record Pool
RRS	Riverfly Recording Scheme
RSPB	Royal Society for the Protection of Birds
RTCT	River Thame Conservation Trust
RUWG	Reading Urban Wildlife Group
RWP	Reading Woodland Plan
SARS	Soldierflies and Allies Recording Scheme
ScRS	Scarabaeoidea Recording Scheme
SepRS	Sepsidae Recording Scheme
SibFO	Sibthorp Flora Oxoniensis
SO	Science Oxford
SODC	South Oxfordshire District Council
STC	Salmon & Trout Conservation
SW	Shotover Wildlife
TCV	The Conservation Volunteers

Survey Origin Abbreviation	Survey Origin Details
TVERC	Thames Valley Environmental Record Centre
TVFG	Thames Valley Fungus Group
TW	Thames Water
U	Unknown
UKCADRS	UK Caddis Recording Scheme
UKWOT	UK Wild Otter Trust
VC22Moths	VC 22 Moth Recording Scheme
VC23Moths	VC 23 Moth Recording Scheme
VCH	Victoria County History (historical records)
VWH	Vale of White Horse District Council
VWT	Vincent Wildlfe Trust
WB	West Berkshire Council
WBBRS	Weevil & Bark beetle Recording Scheme
WBC	Wokingham Borough Council
WBG	Worton Bird Group
WCOOK	Wild Cookham
WEG	Watlington Environment Group
WFG	Wychwood Flora Group
WIA	Wildlife in Ascot Group
WILDCRU	Wildlife Conservation Research Unit (Oxford Uni)
WLPG	Wheatley Local Plan Group
WM	Wild Maidenhead
WMUWG	Windsor & Maidenhead Urban Wildlife Group
WODC	West Oxfordshire District Council
WOFBS	West Oxfordshire Farmland Bird Survey
WOx	Wild Oxford Project (BBOWT)
WS	Wytham Survey
WT	Woodland Trust
WWT	Wildfowl & Wetlands Trust
WyP	Wychwood Project
YE	Dick Greenaway for the Yattendon Estate

Thames Valley Environmental Records Centre

TVERC

Enabling data-driven decisions to better enhance and protect our natural environment

STATEMENT REGARDING DATA COVERAGE

For a variety of reasons, TVERC does not hold all existing biodiversity records for Berkshire & Oxfordshire. Such absence of records should not be taken as confirmation of the absence of a species in the area. TVERC is constantly striving to improve data coverage; we hold data on all species groups, and annually we add over 200,000 records to our database of nearly 3.4 million records. TVERC holds data on all species groups. However, we suggest that you contact the following local recording groups who may hold extra records that we do not have in our database, or that we do not have permission to share with full location information.

BIRDS RECORDS FOR BERKSHIRE

TVERC does have a data exchange agreement with the Berkshire Ornithological Club but cannot supply data in commercial data searches. To obtain this data please use the following contact:

Berkshire Ornithological Club

Richard Burness, Recorder: records@berksoc.org.uk

Website: http://berksoc.org.uk/

BAT AND BADGER RECORDS FOR BERKSHIRE

TVERC has data sharing agreements with both the Berks and South Bucks Bat Group and the Binfield Badger Group. TVERC holds data from both groups and they each hold relevant TVERC data. However, although TVERC can provide their records for data searches, we have not been permitted to provide full location information. Similarly, these groups can provide TVERC records, but without full location information. In addition, because data exchange only happens annually, each organization will hold records not held by the other, so we strongly recommend that you request data from both organizations. For full information on their records, please contact these groups direct.

The Berkshire and South Buckinghamshire Bat Group

Email: records@berksbats.org.uk

Data searches may be submitted via their website: www.berksbats.org.uk

Binfield Badger Group
PO Box 3805
Binfield
Berks
RG42 1HH

Email: badgers@binfieldbadgers.org.uk

BIRD RECORDS FOR OXFORDSHIRE

For bird information in North Oxfordshire (SP32-52, SP33-53, SP34-54, SP45) contact:

Banbury Ornithological Society
Mike Curnow, Bird Recorder and Data Manager
Email: bosdata@outlook.com
Website: http://www.banburyornithologicalsociety.org.uk

BAT RECORDS FOR OXFORDSHIRE

TVERC has a data sharing agreement with the Oxfordshire Bat Group, so both parties hold data belonging to the other. However, neither can provide full location information for records belonging to the other. Also, because data exchange only happens annually, each organization will hold records not held by the other so we strongly recommend that you request data from both organizations.

For records held by the Oxfordshire Bat Group please contact: David Endacott
27 Hedge Hill Road
East Challow
Wantage
OX12 9SD
davidendacott@hotmail.com

For North Oxfordshire it is best to contact:
Reg Tipping
1 Freemans Rd
Bodicote
Banbury
OX15 4DT

BADGER RECORDS FOR OXFORDSHIRE

Oxfordshire Badger Group:

For sett records: settrecords.oxonbadgergroup@gmail.com

For road traffic accident records: rtas.oxonbadgergroup@gmail.com

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 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.

Thames Valley Environmental Records Centre

TVERC

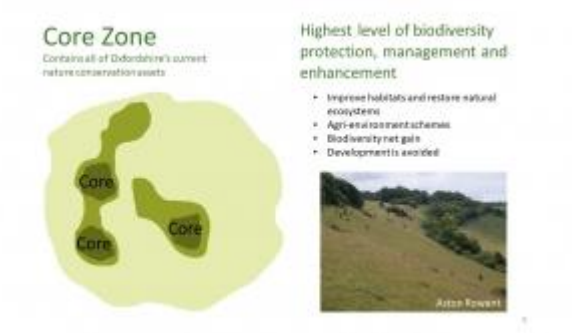
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@TVERC1

DRAFT OXFORDSHIRE NATURE RECOVERY NETWORK

To achieve nature's recovery, Oxfordshire needs large areas where wildlife is able to flourish and where nature provides the range of ecosystem services we will need in the future. Our ambition should be to double the amount of land of high value for nature by 2050.

As well as having a primary role of supporting abundant wildlife, a Nature Recovery Network should enhance natural beauty, conserve geodiversity and provide opportunities to deliver benefits for people, such as flood alleviation, recreation and climate change adaptation. Future local development plans will need to consider in detail how to plan for more nature.



Oxfordshire already has the foundations for a local Nature Recovery Network. Since 2006, the Conservation Target Areas have been established as the spatial component of Oxfordshire's strategic approach to biodiversity. They are concentrations of priority habitats and species and include surrounding land that can buffer and link these habitats and provide opportunities to create new sites.

NATURE RECOVERY NETWORK ZONES

The draft Nature Recovery Network has three zones:

CORE ZONE – PROTECTION OF EXISTING SITES AND PRIORITY HABITATS

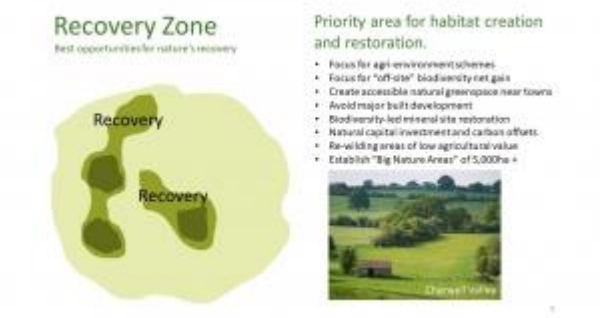
The core of the NRN contains all of Oxfordshire's nature conservation assets. The Core Zone covers approximately 30,000 hectares, or about 11% of Oxfordshire. This Core Zone includes:

- Special Protection Areas
- Special Areas for Conservation,
- Sites of Special Scientific Interest
- Ramsar sites
- Local Nature Reserves
- Local Wildlife Sites (including proposed)
- Cherwell District Wildlife Sites
- Oxford City Wildlife Sites
- BBOWT reserves
- Woodland Trust woodlands
- Other sites of local importance for nature conservation, e.g. small nature reserves and other sites managed for biodiversity not covered by other designations above.
- All priority habitat data held by TVERC

It should be noted that there is considerable overlap between many of these categories. Nearly all of the listed designated sites contain some priority habitat and some sites have more than one designation. There is also a great deal of priority habitat outside of designated sites. Ancient woodland has not been included in the core zone separately. The vast majority of ancient woodland is either designated or is priority habitat. There may be some small areas of ancient woodland that are neither designated nor priority habitat. Ancient woodland should be considered a defacto part of the Core Zone of the draft NRN.

These are the most important sites for biodiversity in the county. The core of the NRN is the main priority for nature conservation in the county. Action here should focus on the protection and management of these sites and habitats to support the greatest amount of biodiversity.

Some of the Core Zone sites are not within the Nature Recovery Zone (see below), but instead sit within the Wider Landscape Zone. These sites are still important for nature conservation and should be protected and enhanced.



RECOVERY ZONE – HABITAT CREATION AND RESTORATION, CONNECTING EXISTING ASSETS

This part of the NRN consists of the Conservation Target Areas, the Important Freshwater Areas and a freshwater network, with additional areas added to provide better connectivity for grassland and woodland using connectivity data and landscape units. The Recovery Zone covers about 100,000 hectares or approximately 40% of Oxfordshire.

This part of the NRN is where new habitat creation and habitat restoration should be focussed. Habitat creation and restoration in this area will better link parts of the core network, either by buffering and extending core sites, or by providing corridors or stepping stones between core sites.

The Recovery Zone does not include all the Core Zone sites; many sites sit within the Wider Landscape Zone. However, the Recovery Zone offers the best opportunities for meeting the Lawton principles of more, bigger, better and more joined.

WIDER LANDSCAPE ZONE – STRENGTHEN LANDSCAPE CHARACTER, MAKING ROOM FOR NATURE

The wider countryside is still important for nature's recovery. Here the focus should be on strengthening the character of the landscape and making room for nature. This could include, for example, the restoration or creation of hedgerows and other landscape features, managing farmland with nature in mind, or improving access to the countryside.



CREATION OF THE DRAFT NRN

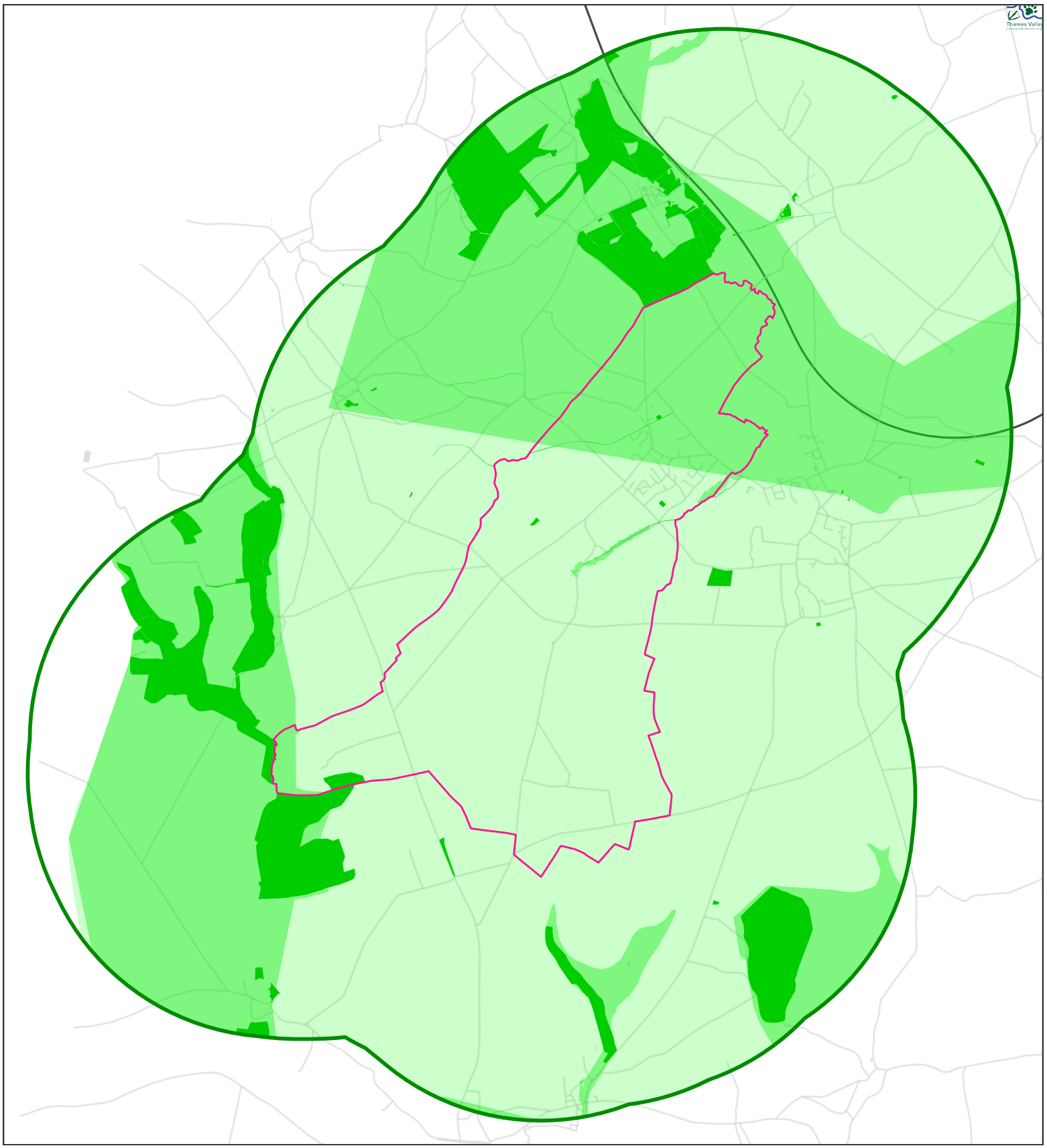
The development of a draft network map has been carried out collaboratively by a partnership of local nature conservation organisations, led by Thames Valley Environmental Records Centre (TVERC), Wild Oxfordshire and The Berks, Bucks and Oxon Wildlife Trust (BBOWT) and overseen by Oxfordshire's Biodiversity Advisory Group (BAG) and adopted by the Oxfordshire Environment Board (OxEB). Extensive consultation with a wide group of stakeholders has ensured that the map has been scrutinised by the wider environmental community in Oxfordshire. A wide range of data and a variety of analytical approaches were used by TVERC to identify the draft NRN for Oxfordshire.

FURTHER INFORMATION

For further information please visit the Wild Oxfordshire website:
https://www.wildoxfordshire.org.uk/biodiversity/oxfordshires-nature-recovery-network/

milton−under−wychwood parish

Nature Recovery Network



NRN Wider Countryside Recovery Area Core Area

Map produced by Thames Valley Environmental Records Centre in 2022
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3. TVERC Report 15th June 2022

‘Protected and Notable Species’

Thames Valley
Environmental Records Centre

TVERC

Enabling data-driven decisions to better enhance and protect our natural environment

BIODIVERSITY REPORT

Site:	milton-under-wychwood parish
TVERC Ref:	TVERC/22/0163
Prepared for:	Milton under Wychwood Parish Council
On:	2022-06-15
By:	Thames Valley Environmental Records Centre
	datasearch@tverc.org
	www.tverc.org

This report should not to be passed on to third parties or published without prior permission of TVERC.

Please be aware that printing maps from this report requires an appropriate OS licence.



TABLE OF CONTENTS

The following are included in this report:

General Information:

- Terms & Conditions
- Further information

PROTECTED & NOTABLE SPECIES INFORMATION:

- Summary table of protected and notable species records within the parish
- Species status key
- Data origin key
- Data coverage statement

TERMS AND CONDITIONS

Data-related terms:

- The information supplied will not be put to any other use beyond the project for which it is requested, nor communicated to any person other than those directly involved. No data supplied will be uploaded to the NBN Gateway/Atlas.
- TVERC will be clearly acknowledged when data is used in reports or other documents. This should state “Data provided by Thames Valley Environmental Records Centre” and should be included with any lists of species or maps of sites or habitats.
- The data in the 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).
- While every effort is made to ensure the accuracy of the data, TVERC bears no legal responsibility for the accuracy or comprehensiveness of the data provided and accepts no liability for indirect, consequential or incidental damages or losses arising from use of the data.
- The absence of species or habitat information for any area or location does not necessarily imply such species or habitats are absent; they may simply be unrecorded.
- Information supplied in a GIS data format will be subject to a data licence with additional terms and conditions.
- The copyright of the report and the information provided is retained by TVERC.
- 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.
- 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.

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).

Billing

- For billing related terms please visit http://www.tverc.org/cms/content/data-search-terms-and-conditions

PROTECTED AND NOTABLE SPECIES RECORDS

Taxon Group	Common Name	Latin Name	European Directives	UK Legislation	NERC s41	Other Designations	No of records	Earliest Record	Latest Record
Amphibians									
	Great Crested Newt	Triturus cristatus	HabDir-A2np, HabDir-A4	HabReg-Sch2, WACA-Sch5-s9.4b/s9.4c/s9.5a	NERC-S41	NA	1	04/03/2019	04/03/2019
Birds									
	Barn Owl	Tyto alba	NA	WACA-Sch1-p1	NA	NA	6	05/03/2000	03/11/2003
	Corn Bunting	Emberiza calandra	NA	NA	NERC-S41	Bird-Red	1	09/05/1985	09/05/1985
	Cuckoo	Cuculus canorus	NA	NA	NERC-S41	Bird-Red	1	09/05/1985	09/05/1985
	Dunnock	Prunella modularis	NA	NA	NERC-S41	Bird-Amber	1	09/05/1985	09/05/1985
	Grey Partridge	Perdix perdix	NA	NA	NERC-S41	Bird-Red	3	10/05/2003	06/07/2003
	Hobby	Falco subbuteo	NA	WACA-Sch1-p1	NA	NA	1	10/05/2000	10/05/2000
	House Sparrow	Passer domesticus	NA	NA	NERC-S41	Bird-Red	1	12/01/2021	12/01/2021
	Kestrel	Falco tinnunculus	NA	NA	NA	Bird-Amber	3	09/05/1985	26/05/2003
	Linnet	Linaria cannabina	NA	NA	NERC-S41	Bird-Red	3	10/05/2003	06/07/2003
	Red Kite	Milvus milvus	BirdsDir-A1	WACA-Sch1-p1	NA	RL-Global-post2001-NT	1	10/05/1999	10/05/1999
	Skylark	Alauda arvensis	NA	NA	NERC-S41	Bird-Red	3	10/05/2003	06/07/2003
	Snipe	Gallinago gallinago	NA	NA	NA	Bird-Amber	1	10/12/2006	10/12/2006
	Starling	Sturnus vulgaris	NA	NA	NERC-S41	Bird-Red	4	10/05/2003	06/07/2003
	Swift	Apus apus	NA	NA	NA	Bird-Amber	7	01/01/2010	29/05/2019

Taxon Group	Common Name	Latin Name	European Directives	UK Legislation	NERC s41	Other Designations	No of records	Earliest Record	Latest Record
	Yellowhammer	Emberiza citrinella	NA	NA	NERC-S41	Bird-Red	6	09/05/1985	06/07/2003
Fish - Bony									
	Brown Trout	Salmo trutta subsp. fario	NA	NA	NERC-S41	NA	2	22/05/2003	26/05/2004
	Brown/Sea Trout	Salmo trutta	NA	NA	NERC-S41	NA	3	26/05/2004	03/05/2006
	Bullhead	Cottus gobio	HabDir-A2np	NA	NA	NA	5	22/05/2003	03/05/2006
Higher Plants - Flowering Plants									
	Autumn Gentian	Gentianella amarella	NA	NA	NA	RL-Eng-post2001-NT	1	16/07/1985	16/07/1985
	Bluebell	Hyacinthoides non-scripta	NA	WACA-Sch8	NA	NA	13	01/01/1978	20/05/2003
	Carline Thistle	Carlina vulgaris	NA	NA	NA	RL-Eng-post2001-NT	3	09/05/1985	21/06/1991
	Common Rock-rose	Helianthemum nummularium	NA	NA	NA	RL-Eng-post2001-NT	2	09/05/1985	21/06/1991
	Crosswort	Cruciata laevipes	NA	NA	NA	RL-Eng-post2001-NT	1	16/07/1985	16/07/1985
	Dwarf Spurge	Euphorbia exigua	NA	NA	NA	RL-Eng-post2001-VU, RL-GB-post2001-VU	1	01/01/1977	01/01/1981
	Field Gentian	Gentianella campestris	NA	NA	NERC-S41	RL-Eng-post2001-EN, RL-GB-post2001-VU	1	21/06/1991	21/06/1991
	Field Scabious	Knautia arvensis	NA	NA	NA	RL-Eng-post2001-NT	4	01/01/1977	27/06/2013
	Grape-hyacinth	Muscari neglectum	NA	NA	NERC-S41	Oxon-Scarce, Status-NR	1	01/03/1990	30/09/1990
	Hoary Plantain	Plantago media	NA	NA	NA	RL-Eng-post2001-NT	3	16/07/1985	21/06/1991
	Round-leaved Mint	Mentha suaveolens	NA	NA	NA	Status-NS, RL-Eng-post2001-NT, RL-GB-post2001-DD	1	22/09/2016	22/09/2016
	Sanicle	Sanicula europaea	NA	NA	NA	RL-Eng-post2001-NT	5	01/01/1968	20/05/2003

Taxon Group	Common Name	Latin Name	European Directives	UK Legislation	NERC s41	Other Designations	No of records	Earliest Record	Latest Record
	White Helleborine	Cephalanthera damasonium	NA	NA	NERC-S41	RL-Eng-post2001-VU, RL-GB-post2001-VU	2	01/01/1968	20/05/2003
	Wild Strawberry	Fragaria vesca	NA	NA	NA	RL-Eng-post2001-NT	8	01/01/1968	20/05/2003
	Wood-sorrel	Oxalis acetosella	NA	NA	NA	RL-Eng-post2001-NT	3	25/04/2001	12/06/2002
Invertebrates - Beetles									
	A Beetle	Telmatophilus brevicollis	NA	NA	NA	RL-GB-pre94-R	1	23/08/1985	16/05/2016
	Flax Flea Beetle	Longitarsus parvulus	NA	NA	NA	Notable-A	2	26/07/1999	25/04/2001
	Rugged Oil-beetle	Meloe rugosus	NA	NA	NERC-S41	NA	1	18/03/1993	18/03/1993
Invertebrates - Butterflies									
	Small Heath	Coenonympha pamphilus	NA	NA	NERC-S41	RL-GB-post2001-NT	5	16/07/1985	22/08/1996
Invertebrates - Crustaceans									
	White-clawed Crayfish	Austropotamobius pallipes	HabDir-A2np, HabDir-A5	WACA-Sch5-s9.1t/s9.5a	NERC-S41	RL-Global-post2001-EN	5	12/10/2009	12/10/2009
Invertebrates - Millipedes									
	Large Black Slug	Arion (Arion) ater	NA	NA	NA	RL-GB-post2001-DD	1	03/02/1999	03/02/1999
Invertebrates - Moths									
	Cinnabar	Tyria jacobaeae	NA	NA	NERC-S41	NA	2	22/08/1996	22/08/1996
	Latticed Heath	Chiasmia clathrata	NA	NA	NERC-S41	NA	1	16/07/1985	16/07/1985
Invertebrates - True Bugs									
	A True Bug	Populicerus nitidissimus	NA	NA	NA	Notable-A	1	09/05/1985	16/05/2016
Invertebrates - True Flies									
	Dotted Bee-fly	Bombylius discolor	NA	NA	NA	Notable	1	31/03/2019	31/03/2019
Mammals - Terrestrial (bats)									

Taxon Group	Common Name	Latin Name	European Directives	UK Legislation	NERC s41	Other Designations	No of records	Earliest Record	Latest Record
	Bat	Chiroptera	HabDir-A2np, HabDir-A4	HabReg-Sch2, WACA-Sch5-s9.4b/s9.4c/s9.5a/s9.5b	NERC-S41	RL-GB-post2001-CR, RL-GB-post2001-EN, RL-GB-post2001-VU, RL-GB-post2001-NT, RL-GB-post2001-DD	8	04/11/2016	18/05/2021
	Bat	Vespertilionidae		HabReg-Sch2, WACA-Sch5-s9.4b/s9.4c/s9.5a/s9.5b	NERC-S41	BF-LBAP, RL-Global-post2001-NT	1	03/04/2021	03/04/2021
	Brown Long-eared Bat	Plecotus auritus	HabDir-A4	HabReg-Sch2, WACA-Sch5-s9.4b/s9.4c/s9.5a/s9.5b	NERC-S41	NA	9	27/08/2019	07/07/2021
	Common Pipistrelle	Pipistrellus pipistrellus	HabDir-A4	HabReg-Sch2, WACA-Sch5-s9.4b/s9.4c/s9.5a/s9.5b	NA	NA	10	21/06/2016	07/07/2021
	Myotis Bat species	Myotis	HabDir-A2np, HabDir-A4	HabReg-Sch2, WACA-Sch5-s9.4b/s9.4c/s9.5a/s9.5b	NERC-S41	RL-GB-post2001-CR, RL-GB-post2001-DD	1	08/06/2021	08/06/2021
	Natterer's Bat	Myotis nattereri	HabDir-A4	HabReg-Sch2, WACA-Sch5-s9.4b/s9.4c/s9.5a/s9.5b	NA	NA	6	27/06/2019	08/06/2021
	Noctule Bat	Nyctalus noctula	HabDir-A4	HabReg-Sch2, WACA-Sch5-s9.4b/s9.4c/s9.5a/s9.5b	NERC-S41	NA	4	24/05/2016	27/06/2021
	Pipistrelle Bat species	Pipistrellus	HabDir-A4	HabReg-Sch2, WACA-Sch5-s9.4b/s9.4c/s9.5a/s9.5b	NERC-S41	RL-GB-post2001-NT	1	05/10/2020	05/10/2020
	Serotine	Eptesicus serotinus	HabDir-A4	HabReg-Sch2, WACA-Sch5-s9.4b/s9.4c/s9.5a/s9.5b	NA	RL-GB-post2001-VU	2	22/05/2021	07/07/2021
	Soprano Pipistrelle	Pipistrellus pygmaeus	HabDir-A4	HabReg-Sch2, WACA-Sch5-s9.4b/s9.4c/s9.5a/s9.5b	NERC-S41	NA	5	24/05/2016	27/06/2021
Mammals - Terrestrial (excl. bats)									
	Brown Hare	Lepus europaeus	NA	NA	NERC-S41	NA	63	10/02/2010	26/08/2021
	Eurasian Badger	Meles meles	NA	Badgers-1992	NA	NA	21	01/01/1977	15/03/2021
	Eurasian Otter	Lutra lutra	HabDir-A2np, HabDir-A4	HabReg-Sch2, WACA-Sch5-s9.4b/s9.4c/s9.5a	NERC-S41	NA	5	01/09/2003	11/04/2018
	West European Hedgehog	Erinaceus europaeus	NA	NA	NERC-S41	RL-GB-post2001-VU	3	01/01/2018	19/10/2020

Taxon Group	Common Name	Latin Name	European Directives	UK Legislation	NERC s41	Other Designations	No of records	Earliest Record	Latest Record
Reptiles									
	Common Lizard	Zootoca vivipara	NA	WACA-Sch5-s9.1k/s9.5a	NERC-S41	NA	1	27/05/2004	27/05/2004

INVASIVE SPECIES RECORDS

Taxon Group	Common Name	Latin Name	Status	No of records	Earliest Record	Latest Record
Higher Plants - Flowering Plants						
	Rhododendron	Rhododendron ponticum	INNS-Other-2015	1	01/01/1977	01/01/1981

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)

Produced by TVERC
March 2018

Thames Valley
Environmental Records Centre

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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.

Appendix 4

Survey Origin Key (March 2022)

Survey Origin Abbreviation	Survey Origin Details
ABFG	Association of British Fungus Groups
AC	Academic Researcher
AEG	Astons Environment Group
AN	Abingdon Natural History Society
ANHSO	Ashmolean Natural History Society
ARC	Amphibian and Reptile Conservation
ARGUK	UK Amphibian & Reptile Groups
ARK	Action for the River Kennet
ASG	Anthomyiidae Study Group
BAT	Bat Licence Returns
BBG	Binfield Badger Group
BBOWT	Berkshire, Buckinghamshire and Oxfordshire Wildlife Trust
BBS	British Bryological Society
BC	Butterfly Conservation
BCT	Bat Conservation Trust
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
BNG	Benson Nature Group
BOC	Berkshire Bird Clubs
BOS	Banbury Ornithological Society
BRAG	Berkshire Reptile & Amphibian Group
BRC	Biological Record Centre
BSBBG	Berkshire & South Bucks Bat Group
BSBI	Botanical Society of the British Isles
BTC	Banbury Town Council

Survey Origin Abbreviation	Survey Origin Details
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
CFGA	Caring for God's Acre
CLPS	City of London Piscatorial Society
COS	County Ornithological Services
CPRE	Campaign to Protect Rural England
CRPG	Cotswold Rare Plant Group
CSP	Cherwell Swift Project
CWAS	Chinnor Works Angling Society
EA	Environment Agency (formally the National Rivers Authority)
EC	Professional Ecological Consultant
ESB	Earthworm Society of Britain
ESG	Eynsham Swift Group
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 the Lye Valley
FORW	Friends of Ruscombe Wood
FOSMF	Friends of St Mary's Fields, Kidlington
FOTEM	Friends of the Emm Brook
FOTTG	Friends of the Trap Grounds
FOWCP	Friends of Wargrave Chalk Pit
FROG	Froglife
FSC	Field Studies Council
FSO	Fungus Survey of Oxfordshire
FWAG	Farm and Wildlife Advisory Group
GCER	Gloucestershire Centre for Environmental Records
GCN	Great Crested Newt Licence Returns
HA	Highways Agency
HMWG	Hamstead Marsahll Wildlife Group
HPB	High Park Blenheim Surveys

Survey Origin Abbreviation	Survey Origin Details
HWMT	Hurst Water Meadow Trust
ICL	Imperial College London
IOSF	International Otter Survival Fund
IREC	I Record
JDA	Jo Dunn Archive
KKG	Keep Kentwood Green
LBRS	Longhorn Beetle Recording Scheme
LMG	Long Mead LWS Group
LN	Local/national expert (known to TVERC)
LNEC	Local Naturalist OR Ecological Consultant
LR	Living Records
LWT	Lavell's Wetland Trust
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
NDCC	Nettlebed & District Commons Conservators
NDD	National Dormouse Database
NDOC	Newbury District Ornithological Club
NE	Natural England (English nature, NCC)
NFC	Newbury Field Club
NHM	Natural History Museum (London)
NNSS	Non-native Species Secretariat
NORS	National Orthoptera Recording Scheme
NPD	National Ponds Database
NPMS	National Plant Monitoring Scheme (Contains data supplied by Natural Environment Research Council)
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

Survey Origin Abbreviation	Survey Origin Details
OFG	Oxfordshire Flora Group
OLWS	Oxfordshire Local Wildlife Sites Project
OMG	Oxfordshire Mossing Group
OOS	Oxfordshire Ornithological Society
ORAG	Oxfordshire Reptile and Amphibian Group
ORS	Opilliones Recording Scheme
OS	Otter Spotter Project
OSC	Oxford Swift City Project
OUNHM	Oxford University Natural History Museum
OUWG	Oxford Urban Wildlife Group
OWAC	Old Windsor Angling Club
OX	Oxford City Council
OxMG	Oxfordshire Mammal Group
PL	Plantlife
PT	Plant Tracker
PTES	People's Trust for Endangered Species
RBC	Reading Borough Council
RBWM	Royal Borough of Windsor and Maidenhead
RDNHS	Reading & District Natural History Society
RF	Richard Frankum
RI	Rothamsted Institute
RM	Reading Museum
RP	Record Pool
RRS	Riverfly Recording Scheme
RSPB	Royal Society for the Protection of Birds
RTCT	River Thame Conservation Trust
RUWG	Reading Urban Wildlife Group
RWP	Reading Woodland Plan
SARS	Soldierflies and Allies Recording Scheme
ScRS	Scarabaeoidea Recording Scheme
SepRS	Sepsidae Recording Scheme
SibFO	Sibthorp Flora Oxoniensis
SO	Science Oxford
SODC	South Oxfordshire District Council
STC	Salmon & Trout Conservation
SW	Shotover Wildlife
TCV	The Conservation Volunteers

Survey Origin Abbreviation	Survey Origin Details
TVERC	Thames Valley Environmental Record Centre
TVFG	Thames Valley Fungus Group
TW	Thames Water
U	Unknown
UKCADRS	UK Caddis Recording Scheme
UKWOT	UK Wild Otter Trust
VC22Moths	VC 22 Moth Recording Scheme
VC23Moths	VC 23 Moth Recording Scheme
VCH	Victoria County History (historical records)
VWH	Vale of White Horse District Council
VWT	Vincent Wildlfe Trust
WB	West Berkshire Council
WBBRS	Weevil & Bark beetle Recording Scheme
WBC	Wokingham Borough Council
WBG	Worton Bird Group
WCOOK	Wild Cookham
WEG	Watlington Environment Group
WFG	Wychwood Flora Group
WIA	Wildlife in Ascot Group
WILDCRU	Wildlife Conservation Research Unit (Oxford Uni)
WLPG	Wheatley Local Plan Group
WM	Wild Maidenhead
WMUWG	Windsor & Maidenhead Urban Wildlife Group
WODC	West Oxfordshire District Council
WOFBS	West Oxfordshire Farmland Bird Survey
WOx	Wild Oxford Project (BBOWT)
WS	Wytham Survey
WT	Woodland Trust
WWT	Wildfowl & Wetlands Trust
WyP	Wychwood Project
YE	Dick Greenaway for the Yattendon Estate

Thames Valley Environmental Records Centre

TVERC

Enabling data-driven decisions to better enhance and protect our natural environment

STATEMENT REGARDING DATA COVERAGE

For a variety of reasons, TVERC does not hold all existing biodiversity records for Berkshire & Oxfordshire. Such absence of records should not be taken as confirmation of the absence of a species in the area. TVERC is constantly striving to improve data coverage; we hold data on all species groups, and annually we add over 200,000 records to our database of nearly 3.4 million records. TVERC holds data on all species groups. However, we suggest that you contact the following local recording groups who may hold extra records that we do not have in our database, or that we do not have permission to share with full location information.

BIRDS RECORDS FOR BERKSHIRE

TVERC does have a data exchange agreement with the Berkshire Ornithological Club but cannot supply data in commercial data searches. To obtain this data please use the following contact:

Berkshire Ornithological Club

Richard Burness, Recorder: records@berksoc.org.uk

Website: http://berksoc.org.uk/

BAT AND BADGER RECORDS FOR BERKSHIRE

TVERC has data sharing agreements with both the Berks and South Bucks Bat Group and the Binfield Badger Group. TVERC holds data from both groups and they each hold relevant TVERC data. However, although TVERC can provide their records for data searches, we have not been permitted to provide full location information. Similarly, these groups can provide TVERC records, but without full location information. In addition, because data exchange only happens annually, each organization will hold records not held by the other, so we strongly recommend that you request data from both organizations. For full information on their records, please contact these groups direct.

The Berkshire and South Buckinghamshire Bat Group

Email: records@berksbats.org.uk

Data searches may be submitted via their website: www.berksbats.org.uk

Binfield Badger Group
PO Box 3805
Binfield
Berks
RG42 1HH

Email: badgers@binfieldbadgers.org.uk

BIRD RECORDS FOR OXFORDSHIRE

For bird information in North Oxfordshire (SP32-52, SP33-53, SP34-54, SP45) contact:

Banbury Ornithological Society
Mike Curnow, Bird Recorder and Data Manager
Email: bosdata@outlook.com
Website: http://www.banburyornithologicalsociety.org.uk

BAT RECORDS FOR OXFORDSHIRE

TVERC has a data sharing agreement with the Oxfordshire Bat Group, so both parties hold data belonging to the other. However, neither can provide full location information for records belonging to the other. Also, because data exchange only happens annually, each organization will hold records not held by the other so we strongly recommend that you request data from both organizations.

For records held by the Oxfordshire Bat Group please contact: David Endacott
27 Hedge Hill Road
East Challow
Wantage
OX12 9SD
davidendacott@hotmail.com

For North Oxfordshire it is best to contact:
Reg Tipping
1 Freemans Rd
Bodicote
Banbury
OX15 4DT

BADGER RECORDS FOR OXFORDSHIRE

Oxfordshire Badger Group:

For sett records: settrecords.oxonbadgergroup@gmail.com

For road traffic accident records: rtas.oxonbadgergroup@gmail.com

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 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.

Thames Valley Environmental Records Centre

TVERC

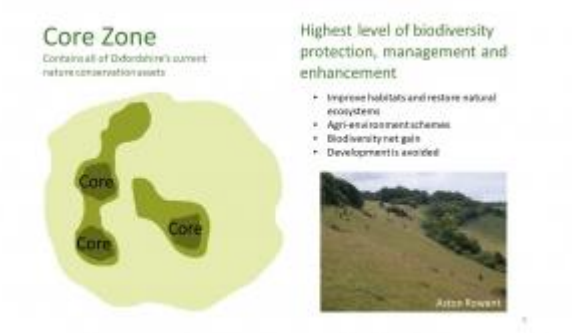
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@TVERC1

DRAFT OXFORDSHIRE NATURE RECOVERY NETWORK

To achieve nature's recovery, Oxfordshire needs large areas where wildlife is able to flourish and where nature provides the range of ecosystem services we will need in the future. Our ambition should be to double the amount of land of high value for nature by 2050.

As well as having a primary role of supporting abundant wildlife, a Nature Recovery Network should enhance natural beauty, conserve geodiversity and provide opportunities to deliver benefits for people, such as flood alleviation, recreation and climate change adaptation. Future local development plans will need to consider in detail how to plan for more nature.



Oxfordshire already has the foundations for a local Nature Recovery Network. Since 2006, the Conservation Target Areas have been established as the spatial component of Oxfordshire's strategic approach to biodiversity. They are concentrations of priority habitats and species and include surrounding land that can buffer and link these habitats and provide opportunities to create new sites.

NATURE RECOVERY NETWORK ZONES

The draft Nature Recovery Network has three zones:

CORE ZONE – PROTECTION OF EXISTING SITES AND PRIORITY HABITATS

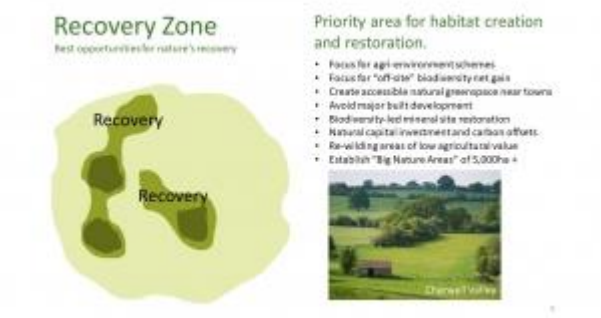
The core of the NRN contains all of Oxfordshire's nature conservation assets. The Core Zone covers approximately 30,000 hectares, or about 11% of Oxfordshire. This Core Zone includes:

- Special Protection Areas
- Special Areas for Conservation,
- Sites of Special Scientific Interest
- Ramsar sites
- Local Nature Reserves
- Local Wildlife Sites (including proposed)
- Cherwell District Wildlife Sites
- Oxford City Wildlife Sites
- BBOWT reserves
- Woodland Trust woodlands
- Other sites of local importance for nature conservation, e.g. small nature reserves and other sites managed for biodiversity not covered by other designations above.
- All priority habitat data held by TVERC

It should be noted that there is considerable overlap between many of these categories. Nearly all of the listed designated sites contain some priority habitat and some sites have more than one designation. There is also a great deal of priority habitat outside of designated sites. Ancient woodland has not been included in the core zone separately. The vast majority of ancient woodland is either designated or is priority habitat. There may be some small areas of ancient woodland that are neither designated nor priority habitat. Ancient woodland should be considered a defacto part of the Core Zone of the draft NRN.

These are the most important sites for biodiversity in the county. The core of the NRN is the main priority for nature conservation in the county. Action here should focus on the protection and management of these sites and habitats to support the greatest amount of biodiversity.

Some of the Core Zone sites are not within the Nature Recovery Zone (see below), but instead sit within the Wider Landscape Zone. These sites are still important for nature conservation and should be protected and enhanced.



RECOVERY ZONE – HABITAT CREATION AND RESTORATION, CONNECTING EXISTING ASSETS

This part of the NRN consists of the Conservation Target Areas, the Important Freshwater Areas and a freshwater network, with additional areas added to provide better connectivity for grassland and woodland using connectivity data and landscape units. The Recovery Zone covers about 100,000 hectares or approximately 40% of Oxfordshire.

This part of the NRN is where new habitat creation and habitat restoration should be focussed. Habitat creation and restoration in this area will better link parts of the core network, either by buffering and extending core sites, or by providing corridors or stepping stones between core sites.

The Recovery Zone does not include all the Core Zone sites; many sites sit within the Wider Landscape Zone. However, the Recovery Zone offers the best opportunities for meeting the Lawton principles of more, bigger, better and more joined.

WIDER LANDSCAPE ZONE – STRENGTHEN LANDSCAPE CHARACTER, MAKING ROOM FOR NATURE

The wider countryside is still important for nature's recovery. Here the focus should be on strengthening the character of the landscape and making room for nature. This could include, for example, the restoration or creation of hedgerows and other landscape features, managing farmland with nature in mind, or improving access to the countryside.



CREATION OF THE DRAFT NRN

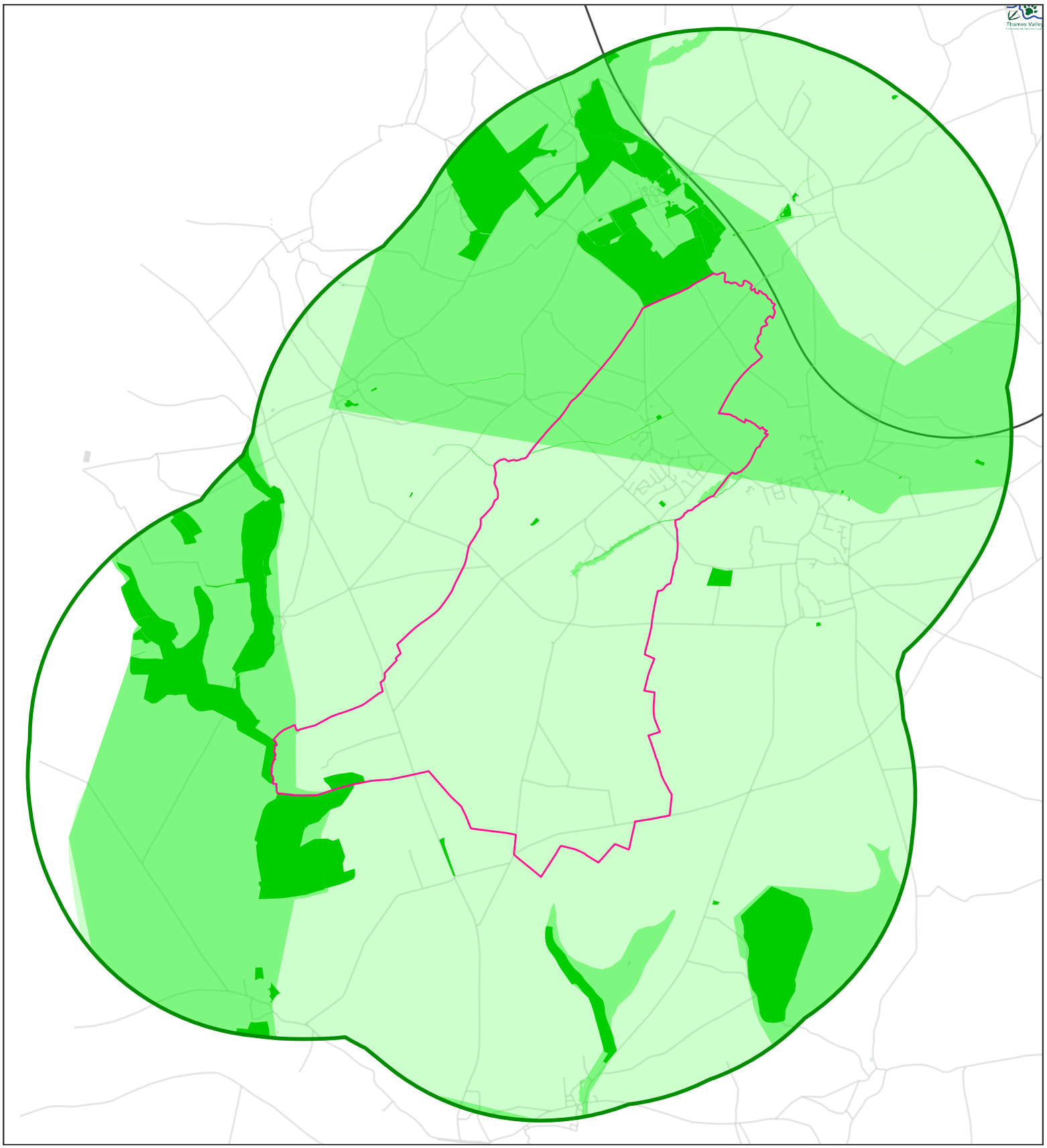
The development of a draft network map has been carried out collaboratively by a partnership of local nature conservation organisations, led by Thames Valley Environmental Records Centre (TVERC), Wild Oxfordshire and The Berks, Bucks and Oxon Wildlife Trust (BBOWT) and overseen by Oxfordshire's Biodiversity Advisory Group (BAG) and adopted by the Oxfordshire Environment Board (OxEB). Extensive consultation with a wide group of stakeholders has ensured that the map has been scrutinised by the wider environmental community in Oxfordshire. A wide range of data and a variety of analytical approaches were used by TVERC to identify the draft NRN for Oxfordshire.

FURTHER INFORMATION

For further information please visit the Wild Oxfordshire website:
https://www.wildoxfordshire.org.uk/biodiversity/oxfordshires-nature-recovery-network/

milton−under−wychwood parish

Nature Recovery Network



NRN Wider Countryside Recovery Area Core Area

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