

NOTES

Species data as listed in Save Radley Lakes Summary Ecology Report SRL/WE/001.9, with additions to:
Species records are, from 2011 onwards, annotated by a "!" in the year column.

24/08/2013

Sheets

Recorder list	List of people who supplied data or observational information
rare Species	
UKBAP Priority	
NERC S41	
Surveyed Trees and Shrubs:	Trees and shrubs of >24cm girth recorded in immediate vicinity of Lakes E and F.
Trees and Shrubs	All trees and shrubs in the wider E & F area.
Other Plants	Herbs, grasses, ferns, horsetails, bryophytes, fungi.
Birds	SRL data 2003 onwards + data to 1999 from OOSand OBRC
Other Vertebrates	Mammals, reptiles, amphibians, fish.
Odonata	
Orthoptera	
Hemiptera	
Coleoptera	
Moths	Macro and micro moths
Butterflies	
Hymenoptera	Mainly results of aculeate surveys covering 12 month period during 2005-6
Other Insects	diptera, ephemeroptera, megaloptera, mecoptera, trichoptera
Arachnida	Spiders, harvestmen and mites.
Crustacea, diplopoda, chilopoda	Crustacea, Isopoda, diplopoda, chilopoda
Mollusca etc	Mollusca, Annelida
Invert Summ,	Statistical summary of invertebrate records

All data attributed to individuals, other than some Eeles, are recent records, ie since 2005.

Photographs of many species observed since 2005 can be found at <http://www.radleyvillage.org.uk>

References

Evaluation of the Wildlife and Habitats at "Spinage's Field" and "Thrupp Close"/"The Bullfield".	R M G Eeles	SRL Report SRL/WE/001/9
Supplementary Ecology Summary Report (Mammals)	R M G Eeles, B Crowley and J Cartmell	SRL Report SRL/WE/003/2
Summary Ecological Report (Birds)	D M Guyoncourt	SRL Report SRL/WE/005/1

All reports can be found at: <https://radleylakestrust.org/the-lakes/ecological-reports>

Total species count:

Plants	382
Birds	163 (2003 - present)
Other vertebrates	39
Invertebrates	1187
Total	1771

Lake designations

Power designation	Location	Tithe Name	Current Name
A			
B			
C			
D			
E		Spinage's Field	Thrupp Lake
F		Thrupp Close	Bullfield Lake
G			
H		Goseye	H/I
I			
J			
K			Nyatt's/Nyett's Field
L1			Longmead Lake
L2			Bruney
M			Orchard Lake
N			
P			Merged with J East to form J/P

Apr-06
Apr-06
Apr-06

Recorders and observers

Note on usage: In tables, initials separated by commas represent independent records; initials separated by / denote joint records, eg observer/collector and identifier.
A * against a recorder denotes that a photograph was taken of the item.

Initials	Name	Speciality	Professional status
AA	Adrian Allsop		
AN	Adrian Norris	Non-marine molluscs	National Recorder
BB	Bob Burgess	Birds	
BC	Basil Crowley	photography	
BC2	Ben Carpenter	Birds	
Bio	Bioscan		Tuckwells site survey 2008
BS	Barbara Schulten	Diptera	Entomological Consultant, Dipterists Forum BAP Officer
CB	Chris Bignal	Birds	
CL	Camilla Lambrick	Botany	TVERC
CM	Craig Macadam	Ephemeroptera	
DB	David Brown	Birds	
DG	David Guyoncourt	Birds	
DK	Daphne King	photography	
DM	Darren Mann	Coleoptera	Curatorial Officer, Hope Entomological Collections, Oxford University Museum of Natural History
DM2	Dave Morgan	Birds	
DW	Dominic Woodfield		Bioscan (UK) Ltd, acting for RWE npower (2005/6) Tuckwells (2008)
EU	Ewan Urquhart	Birds	
EW	Emma Wiskin		
GC	George Cocker	photography	
GL	Geoff Liles	Otters	
GP	Gavin Paterson	Birds	
IE	Ian Elkins	Birds	
IS	Ian Smith		
IW	Ivan Wright	Aculeate hymenoptera	
JC	Jo Cartmell	Water voles	
JC2	Jason Coppock	Birds	
JG	Jason Gosling		Blogger, Oxon Bird Log
JH	John Hillsdon	Birds	
JI	John Ismay	Diptera	Entomological Consultant, Honorary Associate Curator, Oxford University Museum of Natural History
JK	John Killick	Botany	County Recorder for Botany for Oxon. VC23
JW	Jacqueline Wright	Bryophytes	County Recorder for Bryophytes for Oxon. VC23

KH	Karen Hughes		
LL	Linda Losito	Coleoptera	
LP	Lynda Pasquire	photography	
MB	Michael Bloom	Botany	
MC	Martin Corley	Moths	Oxfordshire Micro-moth Recorder
MC2	Mark Chivers	Birds	
ME	Mari Esashi	Birds	
MF	Mike Flemming	Birds	
MG	Martin Green	Birds	
MK	Mike Kosniowski	photography	
MM	Mark Merritt	Birds	
MT	Martin Townsend	Moths	Oxfordshire Macro-moth Recorder
MT2	M Thomson	Birds	
NS	Nick Stewart	Charophytes	National Referee for stoneworts
PC	Pedro Collins	Fungi	Environment Agency
PCB	Peter Cannon-Brooks	neighbourhood resident	
PCr	Paul Cropper	Birds	
PK	Peter Kirby	Hemiptera	
PL	Peter Law	Birds	
PW	Penny Williams		Ponds Conservation
RE	Bob Eeles	Moths	Ecologist
RE2	Rachel Eeles/Everett		
RC	Richard Comont	Invertebrates	National Recorder for ladybirds
RW	Roger Wyatt	Birds, photography	
SB	Stephen Burch	Birds, odonata, photography	
SCF	Sue Calvert-Fisher	neighbourhood resident, photography	
SG	Steve Gregory	Arachnids & other invertebrates	Ecologist. National Recorder for non-marine isopods.
SK	Steve King		
TW	Tom Wickens	Birds	
VS	Vivienne Summers	Butterfly survey 2012	
WB	Wayne Bull	Odonata, birds	
WB2	Bill Ball	Photography	

Endangered, rare and protected species present at the Radley Lakes

24-Aug-13

This page lists endangered, vulnerable, rare and legally protected species found at the Radley Lakes in the vicinity of Lakes E and F

Data sources: SRL/WE/001.10D, JNCC Taxon List Aug 2005, BWARS database 2003, + legislation [WCA (1981), CR(1994), EHD(1992), EBD(1979)]

FAUNA

Endangered (RDB1)

Scientific name	Common name	Notes	Location
<i>Gonocerus acuteangulatus</i>	Box bug	EN	Thrupp Lane (since 2008); Sandles (2010)
<i>Nomada ferruginata</i>	A Cuckoo Bee	EN (pre 1994)	W Bullfield and W of Thrupp Lake (2006)

Vulnerable (RDB2)

Scientific name	Common name	Notes	Location
<i>Ephemera lineata</i>	A mayfly		Lakes (2005,2006)
<i>Philanthus triangulum</i>	A bee	pRDB4	W of Thrupp Lake (2005)

Near Threatened (RDB3)

Scientific name	Common name	Notes	Location
<i>Cerceris quinquefasciata</i>	5-banded-tail digger wasp	UKBAP	SW of Bullfield (2005)
<i>Sphecodes niger</i>	A cuckoo bee		W of Thrupp Lake and SW of Bullfield (2005)
<i>Stelis ornatula</i>	A bee		W of Thrupp Lake (2005)
<i>Meloe rugosus</i>	An oil beetle	UKBAP	W Bullfield (2006)

Data Deficient (pRDB)

Scientific name	Common name	Notes	Location
<i>Cimbex connatus</i>	A sawfly	Very rare in UK. Thought to be nationally extinct until 1997. No formal conservation status.	NE corner of Bullfield/SE corner of Lake E (2009)
<i>Scymnus interruptus</i>	A ladybird	Very rare. Approx 25th recorded sighting in GB.	Barton Lane, N of Longmead Lake (2012)

Legally protected

Scientific name	Common name	Notes	Location
<i>Acrocephalus palustris</i>	Sedge warbler	WCA Schedule 1, Red list, UKBAP	Lake margins and islands
<i>Alcedo atthis</i>	Kingfisher	EBD (1), Bern Convention (2), WCA Schedule 1, Amber list	Both Lakes. Nests mainly around Lake E and possibly on islands in Lake.
<i>Anas clypeata</i>	Shoveler	EBD (2), Bonn Convention, Cites C, Amber list	Lakes G, E
<i>Anas querquedula</i>	Garganey	WCA Schedule 1, Amber list	Seen in 2009, 2010

FLORA

Endangered

Scientific name	Common name	Notes	Location
	none		

Vulnerable

Scientific name	Common name	Notes	Location
<i>Cephalanthera damasonium</i>	White helleborine	UKBAP	Beech trees 10-20m west of Thrupp Lake and along lake shore since c2011.

Near Threatened

Scientific name	Common name	Notes	Location
<i>Filago vulgaris</i>	Common cudweed		Lake G (June 2011); Bullfield (July 2011)

Data Deficient (pRDB)

Scientific name	Common name	Notes	Location
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Locally Rare or Nationally Scarce

Scientific name	Common name	Notes	Location
<i>Aloina ambigua</i>	A moss	Nationally scarce	W of Thrupp Lake in 2005
<i>Carex pseudocyperus</i>	Cyperus sedge	Oxon Rare Plants List	Longmead Lake, 2009.
<i>Centaureum pulchellum</i>	Lesser centaury	Oxon Rare Plants List	Growing amongst <i>Crassula helmsii</i> on phase 1 PFA-filled lakes in 2009.
<i>Galega officinalis</i>	Goat's rue		Longmead Lake area in 2009

<i>Nyctalus noctula</i>	Noctule bat	EHD (IV), CR Schedule 2, Bern Convention (2), Bonn Convention, WCA Schedule 5, UKBAP	Feed over lakes
<i>Pipistrellus pipistrellus</i>	Pipistrelle bat	EHD (IV), CR Schedule 2, Bern Convention (2), Bonn Convention, WCA Schedule 5	Feed over lakes
<i>Pipistrellus pygmaeus</i>	Soprano pipistrelle	as above + UKBAP	Feed over lakes
<i>Tringa nebularia</i>	Greenshank	Bern Convention (2), Bonn Convention, WCA Schedule 1	Occasionally seen: 2005/6, 2009, 2010
<i>Tringa ochropus</i>	Green Sandpiper	WCA Schedule 1, Amber list	Passage migrant and winter visitor seen in 2005, 2006, 2009, 2010.
<i>Triturus cristatus</i>	Great crested newt	EHD (II), CR Schedule 2, Bern Convention (2), WCA Schedule 5, UKBAP	Ponds, ditches and ground west of Lakes E and F
<i>Turdus iliacus</i>	Redwing	EBD (2), WCA Schedule 1, Red list	Frequently seen in 2005, 2006, 2010
<i>Turdus pilaris</i>	Fieldfare	EBD (2), WCA Schedule 1, Red list	Frequently seen in 2005, 2006. Seen in 2010.

Totals of notable and locally rare species	Na	Nb	N + Local
Moths, Butterflies	0	20	89
Hymenoptera	6	10	41
Beetles	0	6	11
Dragonflies and damselflies	0	3	2
Orthoptera	1	1	0
Hemiptera	0	0	3
Other insects	1	0	8
Spiders	0	0	15
Millipedes, Centipedes, Woodlice, Crustaceans	0	1	2
Molluscs etc	0	0	2
TOTAL	8	41	173

Number of UKBAP/ NERC(S41) priority species =	75
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Legally Protected

Scientific name	Common name	Notes	Location
<i>Hyacinthoides non-scripta</i>	Common bluebell	WCA Schedule 8	W side of Thrupp Lake

Important note: Only the following taxonomic groups have been subject to systematic surveys:

Macro moths	(Bob Eeles)	Light trapping	2003-2010
Moths	Martin Townsend and Martin	Trapping	2006
Aculeate hymenoptera	(Ivan Wright)	Malaise trapping	1yr: 2005/6
Bryophytes	(Jacqueline Wright)	Limited survey	2005
Diptera	John Ismay and Barbara Schulten	Limited survey	2006
Trees	(David Guyoncourt <i>et al</i>)		2005
Waterfowl	(David Guyoncourt)		2005/6
Ground invertebrates	(Steve Gregory & Linda Losito)	Pitfall trapping	May 2006-

Other species are identified as a result of casual surveys, chance discoveries, and accumulated observations by many individuals.

UKBAP Priority Habitats and Species at the Radley Lakes

Compiled from UKBAP list version 1.1 (10/09/2007)

Other habitat types apply to neighbouring areas.

UKBAP priority habitats.	
Mesotrophic Lakes	
Aquifer Fed Naturally Fluctuating Water Bodies	
Wet Woodland	
Total listed	3

UKBAP priority species.		Species in blue are those dependent or partially dependent upon water and/or wet habitats (28).
Mammals (5)	<i>Lutra lutra</i>	Otter
	<i>Nyctalis Noctula</i>	Noctule Bat
	<i>Erinaceus europaeus</i>	Hedgehog
	<i>Pipistrellus pygmaeus</i>	Soprano pipistrelle bat
	<i>Arvicola terrestris</i>	Water vole
Amphibians (2)	<i>Triturus cristatus</i>	Great crested newt
	<i>Bufo bufo</i>	Common toad
Reptiles (2)	<i>Natrix natrix</i>	Grass snake
	<i>Anguis fragilis</i>	Slow worm
Birds (21)	<i>Acrocephalus palustris</i>	Sedge warbler
	<i>Alauda arvensis</i>	Skylark
	<i>Botaurus stellaris</i>	Bittern
	<i>Carduelis cannabina</i> ssp. <i>autochthona/cannabina</i>	Linnet
	<i>Cygnus columbianus</i>	Bewick's swan
	<i>Cuculus canorus</i>	Cuckoo
	<i>Dendrocopos minor</i> ssp. <i>comminutus</i>	Lesser spotted woodpecker
	<i>Emberiza citrinella</i>	Yellowhammer
	<i>Emberiza schoeniclus</i>	Reed bunting
	<i>Locustella naevia</i>	Grasshopper warbler
	<i>Motacilla flava</i>	Yellow wagtail
	<i>Muscicapa striata</i>	Spotted flycatcher
	<i>Numenius arquata</i>	Curlew
	<i>Parus=Poecile palustris</i> ssp. <i>palustris/dresseri</i>	Marsh tit
	<i>Passer domesticus</i>	House sparrow
	<i>Passer montanus</i>	Tree sparrow
	<i>Pyrrhula pyrrhula</i> ssp. <i>pileata</i>	Bullfinch
	<i>Streptopelia turtur</i>	Turtle dove
	<i>Sturnus vulgaris</i> ssp. <i>vulgaris</i>	Starling
	<i>Turdus philomelos</i> ssp. <i>Clarkei</i>	Song thrush
	<i>Vanellus vanellus</i>	Lapwing
Invertebrates (5)	<i>Cerceris quinquefasciata</i>	5-banded-tail digger wasp
	<i>Cupido minimus</i>	Small blue
	<i>Lucanus servus</i>	Stag beetle
	<i>Meloe rugosus</i>	An oil beetle
	<i>Pyrgus malvae</i>	Grizzled skipper

Moths (39)	<i>Acronicta psi</i>	Grey dagger
	<i>Acronicta rumicis</i>	Knot grass
	<i>Agrochola litura</i>	Brown spot pinion
	<i>Agrochola lychnidis</i>	Beaded chestnut
	<i>Amphipyra tragopoginis</i>	The Mouse
	<i>Apamea anceps</i>	Large nutmeg
	<i>Apamea remissa</i>	Dusky brocade
	<i>Aporophyla lutulenta</i>	Deep brown dart
	<i>Arctia caja</i> Linnaeus	Garden tiger
	<i>Atethmia centrago</i>	Centre barred sallow
	<i>Brachylomia viminalis</i>	Minor shoulder knot
	<i>Caradrina morpheus</i>	Mottled rustic
	<i>Celaena leucostigma</i>	Crescent
	<i>Chiasmia clathrata</i>	Latticed heath
	<i>Diarsia rubi</i> Vieweg	Small square spot
	<i>Ecliptopera silaceata</i>	Small phoenix
	<i>Ennomos fuscantaria</i>	Dusky thorn
	<i>Ennomos quercinaria</i>	August thorn
	<i>Ennomos erosaria</i>	September thorn
	<i>Graphiphora augur</i>	Double dart
	<i>Hemistola chrysoprasaria</i>	Small emerald
	<i>Hepialus humuli</i>	Ghost
	<i>Hoplodrina blanda</i>	The rustic
	<i>Hydraecia micacea</i>	Rosy rustic
	<i>Melanchra persicariae</i>	Dot
	<i>Mesoligia literosa</i>	Rosy minor
	<i>Mythimna comma</i>	Shoulder striped wainscot
	<i>Orthosia gracilis</i>	Powdered quaker
	<i>Pelurga comitata</i>	Dark spinach
	<i>Scotopteryx chenopodiata</i>	Shaded broad bar
	<i>Spilosoma lubricipeda</i>	White ermine
	<i>Spilosoma luteum</i>	Buff ermine
	<i>Tholera decimalis</i>	Feathered gothic
	<i>Timandra comae</i>	Blood-vein
	<i>Tyria jacobaea</i>	Cinnabar
	<i>Watsonalla binaria</i>	Oak hook-tip
	<i>Xanthia gilvago hufnagel</i>	Dusky-lemon Sallow
	<i>Xanthia ictertia</i>	Sallow
	<i>Xanthorhoe ferrugata</i>	Dark barred twin spot carpet
Vascular Plants (1)	<i>Cephalanthera damasonium</i>	White helleborine
Total listed	75	

Natural Environment and Rural Communities (NERC) Act (2006) section 41, habitats and species of principal importance in England

Species and habitats listed here are those which public bodies should have regard for when making decisions.

Currently this list is identical to the UKBAP Priority habitats and species list (2007).

Other habitat types apply to neighbouring areas.

NERC S41 habitats	
Mesotrophic Lakes	
Aquifer Fed Naturally Fluctuating Water Bodies	
Wet Woodland	
Total listed	3

NERC S41 species		Species in blue are those dependent or partially dependent upon water and/or wet habitats (28).
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	<i>Turdus philomelos</i> ssp. <i>Clarkei</i>	Songthrush
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	<i>Meloe rugosus</i>	Rough oil beetle
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	<i>Atethmia centrigo</i>	Centre barred sawfly
	<i>Brachylomia viminalis</i>	Minor shoulder knot
	<i>Caradrina morpheus</i>	Mottled rustic
	<i>Celaena leucostigma</i>	Crescent
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	<i>Xanthia icteritia</i>	Sallow
	<i>Xanthorhoe ferrugata</i>	Dark barred twin spot carpet
Vascular Plants (1)	<i>Cephalanthera damasonium</i>	White helleborine
Total listed	75	

Trees and shrubs (SRL 2005 Survey)

Table of abundances & sizes of trees and shrubs recorded in 2005 from the immediate surroundings of Lakes E and F. Specimens less than 24 cm in girth (of which there are several thousand) are not included in these data. The full species list is given in Appendix 9

COMMON NAME	SCIENTIFIC NAME	N	%	Girth (cm)		
				Mean	Max	Min
Hawthorn	<i>Crataegus monogyna</i>	573	28.31	50	119	26
Aspen	<i>Populus tremula</i>	294	14.53	73	304	27
Grey Willow	<i>Salix cinerea</i>	259	12.8	50	150	25
Ash	<i>Fraxius excelsior</i>	142	7.02	66	280	26
Crack Willow	<i>Salix fragilis</i>	117	5.78	74	286	31
Sycamore	<i>Acer pseudoplatanus</i>	113	5.58	56	235	27
White Willow	<i>Salix alba</i>	96	4.74	82	234	31
Lombardy Poplar	<i>Populus nigra x italica</i>	60	2.96	99	359	25
English Elm	<i>Ulmus minor</i>	59	2.92	49	200	25
Osier	<i>Salix viminalis</i>	54	2.67	56	200	27
Goat Willow	<i>Salix caprea</i>	44	2.17	68	213	28
White Poplar	<i>Populus alba</i>	37	1.83	61	156	29
Common Oak	<i>Quercus robur</i>	24	1.19	78	220	33
Lawson's Cypress	<i>Chamaecyparis lawsoniana</i>	24	1.19	161	232	99
Horse Chestnut	<i>Aesculus hippocastanum</i>	20	0.99	142	330	57
Beech	<i>Fagus sylvatica</i>	17	0.84	82	248	39
Field Maple	<i>Acer campestre</i>	13	0.64	64	128	34
Silver Birch	<i>Betula pendula</i>	13	0.64	78	129	25
Small-leaved Lime	<i>Tilia cordata</i>	12	0.59	113	250	29
Buckthorn	<i>Rhamnus cathartica</i>	6	0.3	41	58	26
Elderberry	<i>Sambucus nigra</i>	6	0.3	53	99	25
Alder	<i>Alnus glutinosa</i>	5	0.25	46	78	35
Almond Willow	<i>Salix triandra</i>	5	0.25	45	54	31
Cherry Plum	<i>Prunus cerasifera</i>	5	0.25	86	150	42
Spindle	<i>Euonymus europaeus</i>	4	0.2	66	135	29
Hazel	<i>Corylus avellana</i>	3	0.15	32	34	27
Sessile Oak	<i>Quercus petraea</i>	3	0.15	38	41	36
Apple	<i>Malus domestica</i>	2	0.1	89	100	77
Crab Apple	<i>Malus sylvestris</i>	2	0.1	97	127	67
Dogwood	<i>Cornus sanguinea</i>	2	0.1	33	39	26
Cherry Laurel	<i>Prunus laurocerasus</i>	2	0.1	37	43	31
Wild Cherry	<i>Prunus avium</i>	2	0.1	85	86	84
Blackthorn	<i>Prunus spinosa</i>	1	0.05	37	37	37
Guelder Rose	<i>Viburnum opulus</i>	1	0.05	60	60	60
Hybrid Willow	<i>Salix sp.</i>	1	0.05	72	72	72
Wild Plum	<i>Prunus domesticus</i>	1	0.05	109	250	29
Weeping Willow	<i>Salix x sepulchralis</i>	1	0.05	145	145	145
Dutch Elm	<i>Ulmus x hollandica</i>	1	0.05	114	114	114
TOTAL	No of species = 38 (trees = 34, shrubs = 4)	2024				

The third column lists the number identified of each species with >24cm girth, the fourth column gives the percentage abundance, and the remaining columns give the mean, maximum and minimum girths of individual trees within each species population. Data courtesy of David Guyoncourt and Jo Cartmell.

Trees and Shrubs

(in the wider Radley Lakes area)

65 species

Data up to 1998 Oxon BRC, with recent (2005) additions by David Guyoncourt(**), Bob Eeles(*), Basil Crowley(#) and Bioscan(♣). CL in 2011, around Thrupp Lake only. (sp) = id to genus level only.

SCIENTIFIC NAME	COMMON NAME
TREES & SHRUBS	
<i>Acer campestre</i>	Field maple
<i>Acer pseudoplatanus</i>	Sycamore
<i>Aesculus hippocastanum</i>	Horse chestnut
<i>Alnus glutinosa</i>	Alder
<i>Betula pendula</i>	Silver birch**
<i>Buddleia davidii</i>	Butterfly-bush
<i>Chamaecyparis lawsoniana</i>	Lawson cypress**
<i>Clematis vitalba</i>	Old man's Beard
<i>Cornus sanguinea</i>	Dogwood
<i>Corylus avellana</i>	Hazel
<i>Cotoneaster horizontalis</i>	Wall cotoneaster
<i>Crataegus monogyna</i>	Hawthorn
<i>Cupressus sempervirens</i>	Italian cypress
<i>Cytisus scoparius</i>	Broom
<i>Euonymus europaeus</i>	Spindle
<i>Fagus sylvatica</i>	Beech**
<i>Fraxinus excelsior</i>	Ash
<i>Hedera helix</i>	Ivy
<i>Laburnum anagyroides</i>	Laburnum
<i>Ligustrum vulgare</i>	Wild privet
<i>Lonicera caprifolium</i>	Perfoliate honeysuckle#
<i>Lonicera peria ymenum</i>	Honeysuckle
<i>Pinus sylvestris</i>	Scots pine
<i>Malus domestica</i>	Apple**
<i>Malus pumila</i>	Sweet apple
<i>Malus sylvestris</i>	Crab apple**
<i>Populus alba</i>	White poplar
<i>Populus x canadensis</i>	Black poplar hybrid
<i>Populus canescens</i>	Grey poplar
<i>Populus nigra x italica</i>	Lombardy poplar**
<i>Populus tremula</i>	Aspen
<i>Prunus avium</i>	Wild cherry**
<i>Prunus cerasifera</i>	Cherry plum**
<i>Prunus domestica</i>	Plum
<i>Prunus laurocerasus</i>	Cherry laurel**
<i>Prunus spinosa</i>	Blackthorn
<i>Pyracantha coccinea</i>	Firethorn
<i>Pyrus sp.</i>	A pear
<i>Quercus petraea</i>	Sessile oak**
<i>Quercus robur</i>	English oak**
<i>Rhamnus cathartica</i>	Buckthorn
<i>Ribes rubrum</i>	Red currant
<i>Rosa arvensis</i>	Field rose
<i>Rosa canina</i>	Dog rose
<i>Rubus caesius</i>	Dewberry
<i>Rubus fruticosus</i> agg.	Blackberry
<i>Salix alba</i>	White willow
<i>Salix caprea</i>	Goat willow

2005	2008	2009	2011	2012
	Bio		CL	RC
	Bio		CL	RC
	Bio		CL	RC
			CL(sp)	
DG		DG		RC
	Bio		CL	RC
DG				
	Bio		CL	
	Bio	DG	CL	
			CL	RC
			CL(sp)	
	Bio		CL	RC
			! CL	
			CL	
DG				
	Bio		CL	
	Bio		CL	
			CL	
			CL	
BC	Bio			
			CL	
DG				
			! CL	
DG				
	Bio		CL	
DG				
DG				
DG	Bio		CL	
DG	Bio			
				RC
	Bio			
DG				
DG			CL	RC
			CL	
			! CL	
	Bio			
	Bio	DG		RC
	Bio	DG	CL	RC
	Bio	DG	CL	RC
	Bio		CL	RC
	Bio	DG		

<i>Salix cinerea</i>	Grey willow
<i>Salix cinerea</i> ssp. <i>oleifolia</i>	A willow
<i>Salix fragilis</i>	Crack willow
<i>Salix triandra</i>	Almond willow**
<i>Salix x sepulchralis</i>	A weeping willow**
<i>Salix x smithiana</i>	Silky-leaved osier
<i>Salix viminalis</i>	Osier**
<i>Salix</i> sp.	A hybrid willow**
<i>Sambucus nigra</i>	Elder
<i>Tilia cordata</i>	Small-leaved lime**
<i>Tilia x europaea</i>	Lime
<i>Ulex europaeus</i>	Gorse
<i>Ulmus glabra</i>	Wych elm
<i>Ulmus minor</i>	Smooth-leaved elm
<i>Ulmus procera</i>	English elm
<i>Ulmus x hollandica</i>	Dutch elm
<i>Viburnum opulus</i>	Guelder-rose

	Bio	DG	CL	RC
DG				
DG				
	Bio			
DG	Bio			RC
DG				
	Bio		CL	
DG			CL(sp)	
	Bio			
	Bio			
	Bio			
				!RC
			CL	

Other Plants

Original list compiled in 2005 from 1998 Oxon BRC data, with additions by David Guyoncourt(**), Bob Eeles(*), Basil Crowley(#) and Bioscan(♣). Stoneworts are those found in Lake F in July 2005 and subsequently identified by Nick Stewart(♣) (the National Referee). Penny Williams (♣) identified aquatic and emergent species. The bryophytes are those recorded by Jacqueline Wright (County Recorder for Bryophytes for Oxon. VC23) on the isthmus between the Lakes, and the area to the west, in July 2005. One of these, *Aloina ambigua*, is nationally scarce. Fungi are those noted by Pedro Collins during a visit to the site in September 2005, with additions by Basil Crowley (#). Subsequent additions as per annual headings below: DG/JK (Lakes A-D in 2009); DG (Longmead Lake in 2009); CL (in 2011) around Thrupp Lake only. DG orchid survey in 2012. ! denotes new records, 2011 onwards.

(Colour indicates conservation/rarity status⁸ according to the following hierarchy: Red List: **VU = 1 species**; **NT = 1 species**; **LC = 2 species**; non-Red List: **NR = 0 species**, **NS = 1 species**, **local = 9 species**. Note: the VU & NT species are all listed as Nationally Scarce as well.)

Discount

HERBS	
<i>Acanthus mollis</i>	Bear's breeches
<i>Achillea millefolium</i>	Yarrow
<i>Achillea ptarmica</i>	Sneezewort
<i>Aegopodium podagaria</i>	Ground elder
<i>Aethusa cynapium</i>	Fool's Parsley
<i>Agrimonia eupatoria</i>	Agrimony
<i>Ajuga reptans</i>	Bugle
<i>Alisma plantago-aquatica</i>	Water-plantain
<i>Alliaria petiolata</i>	Garlic mustard
<i>Anacamptis pyramidalis</i>	Pyramidal orchid*
<i>Anagallis arvensis</i>	Scarlet pimpernel
<i>Anchusa arvensis</i>	Bugloss
<i>Angelica sylvestris</i>	Wild angelica
<i>Anthriscus sylvestris</i>	Cowparsley
<i>Aphanes arvensis</i>	Parsley piert
<i>Apium nodiflorum</i>	Fool's water-cress
<i>Aquilegia vulgaris</i>	Columbine
<i>Arctium lappa</i>	Greater burdock
<i>Arctium minus</i>	Lesser burdock
<i>Arenaria serpyllifolia</i>	Thyme-leaved sandwort
<i>Armoracia rusticana</i>	Horse radish
<i>Artemisia vulgaris</i>	Mugwort
<i>Arum maculatum</i>	Lords-and-ladies
<i>Aster sp</i>	Michaelmas daisy
<i>Astragalus glycyphyllos</i>	Wild liquorice
<i>Atriplex patula</i>	Common orache
<i>Atriplex prostrata</i>	Spear-leaved orache
<i>Ballota nigra</i>	Black horehound
<i>Barbarea verna</i>	American winter-cress
<i>Bellis perennis</i>	Daisy
<i>Blackstonia perfoliata</i>	Yellow Wort
<i>Borago officinalis</i>	Borage
<i>Bryonia dioica</i>	White bryony
<i>Calystegia sepium</i>	Hedge bindweed
<i>Capsella bursa-pastoris</i>	Shepherd's purse
<i>Cardamine pratensis</i>	Cuckoo flower
<i>Carduus crispus</i>	Wetted thistle
<i>Carduus nutans</i>	Musk thistle
<i>Carduus tenuiflorus</i>	Slender thistle
<i>Centaurea nigra</i>	Common knapweed
<i>Centaureum erythraea</i>	Common centaury

1	2005	2006	2007	2008	2009	2010	2011	2012	2013	
							! CL			
				Bio			BC, CL			
							! CL			
							! CL			
	BC*						CL			
							! CL			
					DG					
				Bio			CL			
	RE, BC* (26/6)						BC	DG, BC (May-Jul)		
	BC						CL			
							CL			
				Bio			CL			
				Bio			CL			
				Bio			CL			
				Bio			CL			
				Bio	DG		CL	RC		
		BC		Bio			BC,CL			
				Bio			CL			
						BC*/DG				
							! CL			
							! CL			
							CL			
				Bio						
				Bio						
							IDG <i>et al</i> (13/11) Lake G raised area.			
				Bio			CL			
				Bio	DG					
				Bio	DG					
				Bio						
				Bio			CL			
							CL			
	BC*	BC					JC, BC* (white form)			

<i>Centaureum pulchellum</i>	Lesser centaurry
<i>Cephalanthera damasonium</i>	White helleborine*
<i>Cerastium fontanum</i>	Common mouse-ear
<i>Cetaurea scabiosa</i>	Greater knapweed
<i>Chaerophyllum temulum</i>	Rough chervil
<i>Chamerion angustifolium</i>	Rosebay willowherb
<i>Chara aspera</i>	A Stonewort♦
<i>Chara contraria</i> var. <i>hispidula</i>	A Stonewort▲
<i>Chara virgata</i>	A Stonewort▲
<i>Chara vulgaris</i> var. <i>papillata</i>	A Stonewort▲
<i>Chara vulgaris</i> var. <i>vulgaris</i>	A Stonewort▲
<i>Cirsium acaulon</i>	Dwarf thistle
<i>Cirsium arvense</i>	Creeping thistle
<i>Cirsium palustre</i>	Marsh thistle
<i>Cirsium arvense</i>	Creeping thistle
<i>Cirsium vulgare</i>	Spear thistle
<i>Conium maculatum</i>	Hemlock
<i>Consolida ajacis</i>	Larkspur
<i>Convolvulus arvensis</i>	Field bindweed
<i>Conyza canadensis</i>	Canadian fleabane
<i>Coronopus squamatus</i>	Swine-cress
<i>Crassula helmsii</i>	New Zealand pygmyweed
<i>Crepis biennis</i>	Rough hawksbeard♣
<i>Crepis capillaris</i>	smooth hawksbeard
<i>Dactylorhiza fuchsii</i> and hybrids	Common spotted orchid*
<i>Dactylorhiza incarnata</i>	Early marsh orchid*
<i>Dactylorhiza praetermissa</i>	Southern marsh orchid*
<i>Daucus carota</i> ssp. <i>carota</i>	Wild carrot
<i>Dipsacus fullonum</i>	Teasel
<i>Echium vulgare</i>	Viper's bugloss
<i>Elodea nuttallii</i>	Nuttall's waterweed♦
<i>Epilobium ciliatum</i>	American willowherb♦
<i>Epilobium hirsutum</i>	Great willowherb
<i>Epilobium parviflorum</i>	Small-flowered hairy willowherb
<i>Epipactis palustris</i>	Marsh Helleborine
<i>Erigeron acer</i>	Blue fleabane
<i>Erodium cicutarium</i>	Common stork's-bill
<i>Eupatorium cannabinum</i>	Hemp-agrimony
<i>Euphorbia helioscopia</i>	Sun spurge
<i>Fallopia convolvulus</i>	Black bindweed
<i>Fallopia japonica</i>	Japanese knotweed
<i>Filago vulgaris</i>	Common cudweed
<i>Filipendula ulmaria</i>	Meadowsweet
<i>Fumaria officinalis</i> agg.	Common fumitory
<i>Galega officinalis</i>	Goat's rue
<i>Galium aparine</i>	Cleavers

				BC*/DG/JK					
RE, BC*	BC/JC/LP					DG, BC	DG (22/5) W side of Thrupp Lake		
			Bio			CL			
						CL			
			Bio			CL			
NS									
NS									
NS									
NS									
NS									
						! JC*			
			Bio	DG					
				DG					
						CL			
			Bio	DG		CL			
				DG					
									RC
			Bio						
				JK		BC*			
DW						BC*/CL			
						! CL			
RE						BC, JC	DG, BC (May-Jul) Isthmus and St David's Meadow		
RE				BC* et al (5/7) on PFA, E of railway		JC	DG (May-Jul) Lake H/I and vicinity of Orchard Lake		
RE						BC*	DG (May-Jul) Lake H/I and vicinity of Orchard Lake		
			Bio	DG		BC*, CL	RC		
			Bio	DG		CL	RC		
BC*						BC*	RC		
PW									
PW			Bio						
			Bio	DG		CL			
			Bio			CL			
					BC* et al (9/7) on PFA, E of Railway.		DG (near Orchard Lake)		
BC*						CL			
						BC*/JC/MB			
BC*			Bio			CL	RC		
						CL			
						CL			
							BC*		
						! DG, BC*		BC*(4/7)	
BC*			Bio	DG		CL			
						CL			
					BC*/DG				
			Bio			CL			

<i>Galium mollugo</i>	Hedge bedstraw
<i>Galium palustre</i>	Marsh bedstraw#
<i>Galium parisiense</i>	Wall bedstraw ♣
<i>Galium verum</i>	Lady's bedstraw
<i>Geranium dissectum</i>	Cut-leaved crane's-bill#
<i>Geranium molle</i>	Dove's-foot crane's-bill
<i>Geranium pratense</i>	Meadow crane's-bill
<i>Geranium pyrenaicum</i>	Hedgerow crane's-bill
<i>Geranium robertianum</i>	Herb-robert
<i>Geum urbanum</i>	Wood avens
<i>Glechoma hederacea</i>	Ground-ivy
<i>Heracleum sphondylium</i>	Hogweed
<i>Helleborus foetidus</i>	Stinking hellebore
<i>Hemerocallis sp</i>	Day-lily garden origin
<i>Hieracium pilosella</i>	Mouse-ear hawkweed
<i>Humulus lupulus</i>	Hop
<i>Hyacinthoides hispanica</i>	Spanish bluebell
<i>Hyacinthoides non-scripta</i>	Common bluebell
<i>Hyacinthoides x massartiana</i>	Hybrid bluebell
<i>Hypericum androsaemum</i>	Tutsan (Garden variety?)
<i>Hypericum perforatum</i>	Perforate St. John's wort
<i>Hypericum tetrapetrum</i>	Square stalked St. John's wort
<i>Hypochaeris radicata</i>	Cat's-ear
<i>Inula helenium</i>	Elecampane
<i>Iris pseudoacorus</i>	Yellow flag iris
<i>Kickxia spuria</i>	Round-leaved Fluellen
<i>Knautia arvensis</i>	Field scabious
<i>Lactuca serriola</i>	Prickly lettuce
<i>Lamium album</i>	White dead-nettle
<i>Lapsana communis</i>	Nipplewort
<i>Lathyrus latifolius</i>	Broad-leaved everlasting pea
<i>Lathyrus pratensis</i>	Meadow vetchling
<i>Lemna minor</i>	Common duckweed♣
<i>Lemna trisulca</i>	Ivy-leaved duckweed
<i>Leucanthemum vulgare</i>	Oxeye daisy
<i>Linaria purpurea</i>	Purple toadflax
<i>Linaria vulgaris</i>	Common toadflax
<i>Listera ovata</i>	Common twayblade*
<i>Lotus corniculatus</i>	Common birds-foot-trefoil
<i>Lotus pedunculatus</i>	Greater birds-foot-trefoil
<i>Lychnis flos-cuculi</i>	Ragged robin
<i>Lycopus europaeus</i>	Gipsywort
<i>Lysimachia vulgaris</i>	Yellow loosestrife
<i>Lythrum salicaria</i>	Purple loosestrife
<i>Malva moschata</i>	Musk mallow
<i>Malva sylvestris</i>	Common mallow
<i>Matricaria discoidea</i>	Pineapple mayweed
<i>Medicago lupulina</i>	Black medick
<i>Medicago sativa ssp. sativa</i>	Lucerne
<i>Melilotus alba</i>	White melilot
<i>Melilotus altissima</i>	Tall melilot
<i>Melilotus officinalis</i>	Ribbed melilot

		BC*			BC				
1 DW									Note 1
	BC*		Bio	DG		CL			
			Bio			! CL			
			Bio			! BC*/CL			
			Bio			CL			
			Bio						
			Bio	DG		CL			
						CL		RC	
			Bio						
						CL			
						BC*/DG			
			Bio			JC		BC*(19/5)	
						JC			
								BC*(19/5)	
						BC*, CL			
			Bio			CL			
						BC*/CL			
	BC*		Bio						
					JK, BC*	BC			
			Bio	DG		CL			
						BC*/CL			
			Bio			CL		RC	
						! BC*/CL			
						CL			
			Bio			CL			
	PW					! CL			
			Bio	DG		CL			
			Bio						
								RC	
	RE, BC*(6/5)					BC*(28/5)		JC,BC*(7/6)	
						CL			
			Bio						
	BC*			DG					
						BC*, CL		RC	
				DG					
	BC*		Bio	DG		BC, CL			
						! BC*, CL			
			Bio	DG		BC*/CL		RC	
			Bio	DG					
						CL			
				DG		CL			

Birds recorded at Radley Lakes

163 Species present

Data collated by Oxon BRC up to 1998 and up to 1999 by Oxford Ornithological Society (OOS) - non-bold. Additions since 1999 by David Guyoncourt (as part of OOS surveys) and Bob Eeles. Colour coding indicates **Red listed species** and **Amber listed species** (JNCC classifications, 2009). Species, such as the hobby, *Falco subbuteo*, are protected by specific legislation. Birds whose presence was recorded since 2003 are indicated in bold. More detailed assessments of bird records, with more emphasis on recent data, and including up-to-date winter migrant surveys, are currently being undertaken.

There are 211 bird species listed below, of which 161 have been observed to be present and/or breeding since 2003. Of those present, 24 are red listed and 64 amber listed.

Key: fs= frequently seen; mfs= many frequently seen; fh frequently heard.

SCIENTIFIC NAME	COMMON NAME	COMMENTS	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	present	redlist	amberlist	redlist present	amberlist present
<i>Accipiter gentilis</i>	Goshawk	Seen in flight, March 2006				RE								1			0	0
<i>Accipiter nisus</i>	Sparrowhawk	Frequently seen. 2005, 2006			fs	fs			BC2(Dec)	BC2(Apr, May, Oct)				1			0	0
<i>Acrocephalus palustris</i>	Marsh warbler	1949, 1981													1		0	0
<i>Acrocephalus schoenobaenus</i>	Sedge warbler	Frequently seen & heard. 2005			fs, fh				JC2 (Sept)	BC2,MK*(Apr)	BC2(Apr)			1			0	0
<i>Acrocephalus scirpaceus</i>	Reed warbler	Frequently seen & heard. 2005			fs, fh					BC2(Apr, Aug, Sep)	BC2(Apr,Jun)			1			0	0
<i>Actitis hypoleucos</i>	Common sandpiper	Regular passage migrant. 2005				DW			JC2	BC2(Apr, May, Jun, Aug, Sep)		IS(May)		1			0	0
<i>Aegithalos caudatus</i>	Long-tailed tit	Frequently seen. 2005			fs	fs,fh	fs,fh	fs,fh	fs,fh	fs,fh	fs,fh	bird walk (1/12)	fs	1			0	0
<i>Aix galericulata</i>	Mandarin duck	1994, 1995, 2009							TW(Sept)	JC2(May)				1			0	0
<i>Alda arvensis</i>	Skylark	Frequently seen & heard. 2005-			fs, fh				BC2(Dec)	BC2(Jan)	WB(Jan); bird walk (3/12)			1	1		1	0
<i>Alcedo atthis</i>	Kingfisher	Frequently seen. Breeds most years. probably 2 pairs: 2005, 2006.			fs, SB*	fs		fs	fs	fs	GP(May); WB(Jun); bird walk (3/12)	IS(May), WB(Jul), bird walk (1/12)		1		1	0	1
<i>Alectoris rufa</i>	Red-legged partridge	Occasionally seen							MT2(8/09)	BC2(Jul, Aug, Sep) WB(Oct)				1			0	0
<i>Alopochen aegyptiacus</i>	Egyptian goose	1993, 1999. Presumed feral. 2012										BC2(25/10)		1			0	0
<i>Anas acuta</i>	Pintail	1989, 1993, 1996, 1999, 2005, Feb-Apr 2006, Sept 2009, Intermittently present during Jan 2010 (max 2m + 1f) and Dec 2010 (3)			TW	RE (Feb-Apr)			JC2(Sept)	BC2(Jan,Dec)				1		1	0	1
<i>Anas clypeata</i>	Shoveler	Several records, Several during winter 2005/2006, Many during winter 2009/10.							bird walk (8/03); BC2(Dec)	fs	fs, bird walk (3/12)	fs, bird walk (1/12)	JC/BC*(7/2)	1		1	0	1
<i>Anas crecca</i>	Teal	Several records. Probably bred 1992. 2005, High numbers 2006, winter 2009/10, 2010/11							bird walk (8/03); BC2(Dec)	fs	fs, bird walk (3/12)	fs, bird walk (1/12)	BC*(7/2)	1		1	0	1
<i>Anas georgica</i>	Yellow-billed pintail	A South Atlantic species! Escapee??						JC2						1			0	0
<i>Anas penelope</i>	Wigeon	Several records. 2005, 2006, 2009, 2010							JC2 (Sept); BC2(Dec)	BC2(Jan, Apr, Dec)	bird walk (3/12)	bird walk (1/12)		1		1	0	1
<i>Anas platyrhynchos</i>	Mallard	Present and breeding. 2005, High numbers winter 2006				mfs	fs	fs	fs	fs	fs, bird walk (3/12)	fs, bird walk (1/12)	fs	1			0	0
<i>Anas querquedula</i>	Garganey	Several records, 2004. Two drakes seen Spring 2009							JC2, WB(Sept)	JC2(May)				1		1	0	1
<i>Anas strepera</i>	Gadwall	Several records. Potential breeder, high numbers 2006, 2011				RE			BC2(Dec)	BC2(Jan, Dec)	WB(Jan); mfs (Mar); MM(May); bird walk (3/12)	BC2(Mar); IS(May); bird walk (1/12)	BC*(7/2)	1		1	0	1
<i>Anser albifrons</i>	White-fronted goose	1973, 1979, 1982												1		1	0	1

<i>Anser anser</i>	Greylag goose	Feral birds (?). Many 2005-2010; fewer since			mfs (Lake E)	mfs (Lake E)	mfs (Lake E)	mfs (Lake E)	mfs (Lake E)	mfs (Lake E)	fs	BC(Apr); fs	mfs			1		1	0	1
<i>Anser brachyrhynchus</i>	Pink-footed goose	1987, 1988. Origin unknown																1	0	0
<i>Anser caerulescens</i>	Snow goose	1994. Presumed feral																	1	0
<i>Anser cygnoides</i>	Swan goose	1982. Escape																	0	0
<i>Anser erythropus</i>	Lesser white-fronted goose	1993, 1994. Origin unknown																	0	0
<i>Anser indicus</i>	Bar-headed goose	1988, 1990. Escape																	0	0
<i>Anthus petrosus/A. spinoletta</i>	Rock/water pipit	One record from 1980																	0	0
<i>Anthus pratensis</i>	Meadow pipit	Regular passage migrant							BC2(Dec)	BC2(Jan, Mar, Sep)	WB(Oct)					1		1	0	1
<i>Anthus spinoletta</i>	Water pipit	1993, 1994, 1999																	0	0
<i>Anthus trivialis</i>	Tree pipit	1981, 1992																	1	0
<i>Apus apus</i>	Swift	Frequently seen. 2005			fs					fs		fs				1		1	0	1
<i>Ardea cinerea</i>	Grey heron	Frequently seen. Several 2005, 2006			fs	fs	fs	fs	fs	fs	fs, bird walk (3/12)	fs, bird walk (1/12)	fs			1			0	0
<i>Ardea purpurea</i>	Purple heron	Single record from 1997																	0	0
<i>Arenaria interpres</i>	Turnstone	1984, 1994																	1	0
<i>Asio flammeus</i>	Short-eared owl	1959, 1983, 1985																	1	0
<i>Athene noctua</i>	Little owl	Occasionally seen, frequently heard. 2005			fh											1			0	0
<i>Aythya ferina</i>	Pochard	Several records. Potential breeder. 2005, large flocks 2006							BC2(Dec)	BC2(Jan,Dec)	WB(Jan), fs (Feb,Mar), bird walk (3/12)	fs, bird walk (1/12)				1		1	0	1
<i>Aythya fuligula</i>	Tufted duck	Several records. 2005, 2006			fs	fs, BC*	fs	fs	fs	fs	fs, bird walk (3/12)	fs, bird walk (1/12)	fs			1			0	0
<i>Aythya marila</i>	Scaup	Single record from 1991, then New Year's day 2011									IS(1/1)					1		1	0	1
<i>Botaurus stellaris</i>	Bittern	1991, 2002, overwintered in area in 2008/09 (several reported sightings). Orchard Lake, Jan 2010. In flight over Thrupp Lake, Dec 2010. Orchard Lake and H/I during floods, Nov 2012.							JC	WB (26/1), RE(31/12)		MC2(25/11), IS(29/11)				1	1		1	0
<i>Branta canadensis</i>	Canada goose	Frequently seen. High numbers most years 2005, 2006			mfs (Lake E)	mfs (Lake E)	mfs (Lake E)	mfs (Lake E)	mfs (Lake E)		bird walk (3/12)	fs, bird walk (1/12)	BC(7/2), fs			1			0	0
<i>Branta leucopsis</i>	Barnacle goose	Occasionally seen. 2005, 2006, Thrupp Lake 2010				RE				JC2(Apr)						1		1	0	1
<i>Bucephala clangula</i>	Goldeneye	Several records. Occasional individuals Lake E, 2006, 2010, 2011; H/I, Mar 2011								BC2(Nov), JC2(Dec)	BC2(Mar)	BC2(23/10); bird walk (1/12)				1		1	0	1
<i>Buteo buteo</i>	Buzzard	Frequently seen. 2005, 2006			fs	fs		fs	fs	fs						1			0	0
<i>Calidris alba</i>	Sanderling	One record from 1975																	0	0
<i>Calidris alpina</i>	Dunlin	Passage migrant, e.g. 1994, 1995, 2005, 2010, 2011			PCr	WB				BC2(Apr,Aug)	ME(May)	JC2(11/5)				1		1	0	1
<i>Calidris canutus</i>	Knot	One record from 1988																	1	0
<i>Calidris ferruginea</i>	Curlew sandpiper	Very rare passage migrant, e.g. 1991																	0	0
<i>Calidris fuscicollis</i>	White-rumped sandpiper	Very rare vagrant. First record Oct 2005.			PCr, SB*											1			0	0
<i>Calidris melanotos</i>	Pectoral sandpiper	Scarce passage migrant from America and Siberia. First record Oct 2009							BB (23/09)							1				0
<i>Calidris minuta</i>	Little stint	Rare passage migrant, e.g. 1961, 1992. Probable sighting (RF, Oct. 2005), Sept 2006, Sept 2009			RF (unconf.)	EU, JH & others			Sept							1			0	0
<i>Calidris temminckii</i>	Temminck's stint	Single record from 1994																	1	0
<i>Caprimulgus europaeus</i>	Nightjar									BC2(heard Jun)						1	1		1	0
<i>Carduelis cannabina</i>	Linnet	Occasionally seen. 2005. Breeding in 'K' area, 2006				DG			SCF*	BC2(Mar, Apr)						1	1		1	0
<i>Carduelis carduelis</i>	Goldfinch	Frequently seen. 2005, 2006			fs	fs		fs	fs	fs	fs, bird walk (3/12)	bird walk (1/12)				1			0	0

<i>Carduelis chloris</i>	Greenfinch	Frequently seen. 2005, 2006	fs	fs	fs	fs												1			0	0	
<i>Carduelis flammea</i>	Lesser Redpoll	Winter visitor																	1		1	0	1
<i>Carduelis spinus</i>	Siskin	Winter visitor								SCF*(Mar)	BC2(Mar), WB(Nov)	WB(Jan)	BC2(23/10)					1			0	0	
<i>Certhia familiaris</i>	Treecreeper	Occasionally seen. 2005; Frequently seen 2010								BC2(Dec)	BC2(Jan, May, Jun, Jul, Aug, Sep)	WB(Jan) BC2(Apr)	bird walk, IS (1/12)					1			0	0	
<i>Cettia cetti</i>	Cetti's warbler	Frequently heard. Up to 10 pairs within 1 km. 2005, 2006. Scarce 2010			fh	fh					BC2(18/8, Sep, Oct) WB(Oct)		BC2(31/3), heard BC2 (23/10), heard & 'glimpsed' PL (30/10)					1			0	0	
<i>Charadrius hiaticula</i>	Ringed plover	Two nests Lake E 1993. Seen Lake G, 2009 & 2012.								JC2 (5/5)			JC2(11/5)					1		1	0	1	
<i>Charadrius dubius</i>	Little ringed plover	Lake E of great importance to this species in past. Seen March 2006. 3 seen on Lake G, April (RE, JC), and May (JC2) 2009; Lake G in 2010.				various reports (RE)				JC, RE, JC2	BC2(A,M,J,J,A)	BC2(Apr) IE(May)	IS(May)					1			0	0	
<i>Chlidonias niger</i>	Black tern	Rare passage migrant, e.g. 1995. Four on Thrupp Lake, May 2008							May												0	0	
<i>Circus aeruginosus</i>	Marsh harrier	Single record from 1995																			1	0	0
<i>Clangula hyemalis</i>	Long-tailed duck	One record from 1980																			1	0	0
<i>Coccothraustes coccothraustes</i>	Hawfinch	Bred nearby in 1953. No recent records																			1	0	0
<i>Columba livia</i>	Rock dove/feral pigeon	Frequently seen, 2006				fs												1			0	0	
<i>Columba oenas</i>	Stock dove	Commonly seen. 2005			fs						BC2(May, Aug, Sep)	WB(8/2)						1		1	0	1	
<i>Columba palumbus</i>	Wood pigeon	Frequently seen. 2005, 2006	fs	fs	fs	fs	fs	fs	fs	fs	fs	fs, bird walk (3/12)	fs	fs				1			0	0	
<i>Corvus corax</i>	Raven	'Pair' seen in Jan 2006. Further sightings: Feb, Aug 2006, Autumn 2010, Mar 2012.			RE	WB, RE					WB(Oct, Nov)		BC2(31/3), BC2(23/10)					1			0	0	
<i>Corvus corone</i>	Carrion crow	Frequently seen. 2005, 2006	fs	fs	fs	fs	fs	fs	fs	fs	fs	fs, bird walk (3/12)	fs, bird walk (1/12)	fs				1			0	0	
<i>Corvus frugilegus</i>	Rook	Frequently seen. 2005, 2006			fs	fs												1			0	0	
<i>Corvus monedula</i>	Jackdaw	Frequently seen. 2005			fs					SCF*, BC2(Dec)			bird walk (1/12)					1			0	0	
<i>Coturnix coturnix</i>	Quail	Heard May 2011											heard BC2 (27 May)					1		1	0	1	
<i>Cuculus canorus</i>	Cuckoo	Frequently seen. 2005			fs						JC2(22/04)		JC(7/6)					1	1		1	0	
<i>Cygnus atratus</i>	Black swan	1981, 1988. Escape																			0	0	
<i>Cygnus columbianus</i>	Bewick's swan	Several between 1962 and 1992; Jan & Dec 2010									JC, BC2, JC (9/01) BC2(18/12)							1		1	0	1	
<i>Cygnus cygnus</i>	Whooper Swan	Thrupp Lake, Oct 2010									WB/IS(18/10)							1		1	0	1	
<i>Cygnus olor</i>	Mute swan	Frequently seen. 2 pairs 2005, 2006. Bred on Lakes E&F in 2007. Several pairs 2009-2010. Many present throughout most of 2010.	fs	fs	fs	fs	fs	fs	fs (several pairs)	mfs		bird walk (3/12); Reduced numbers, late Dec 10 - Jan 11	mfs; 1 cygnet (IS May); bird walk (1/12)	fs				1		1	0	1	
<i>Delichon urbica</i>	House martin	Frequently seen. 2005									BC2(Mar, Aug, Sep)		IS,JC,BC*(3/5)					1		1	0	1	
<i>Dendrocopos major</i>	Greater-spotted woodpecker	Frequently seen. 2005, 2006			fs	fs				SCF*, BC2(Dec)	BC2(Jan)	WB(Jan); bird walk (3/12)	bird walk (1/12)					1			0	0	
<i>Dendrocopos minor</i>	Lesser spotted woodpecker	Occasionally seen. 500 metres south of Lake F in 2005. NE corner of lake E in 2006.			RE	WB					April							1	1		1	0	

<i>Egretta garzetta</i>	Little egret	Occasional visitor. 1994, 1996, 1999, 2003, Lake E May 2006, Lake E August 2007, Pair of W edge of Lake E, Jan 2010; Lake G, July 2010; Lake M, August 2010.					RE	RE				RE2/JC(21/02) JC2(01/06) JC2(04/07) BC*/MK*(08/08) BC2(Aug)								1		1	0	1		
<i>Emberiza cirius</i>	Cirl bunting	No breeding records since 1963																					1	0	0	
<i>Emberiza citrinella</i>	Yellowhammer	Occasionally seen. 2005, 2009, 2010			os					SCF*	WB(Oct)										1	1	1	0		
<i>Emberiza schoeniclus</i>	Reed bunting	Frequently seen. 2005, 2006				DG				BC2(Dec)	fs	fs									1		1	0	1	
<i>Eritacus rubecula</i>	Robin	Frequently seen. 2005, 2006	fs	fs	fs	fs	fs	fs	fs	fs	fs	fs, bird walk (3/12)	bird walk (1/12)	JC(7/2)							1			0	0	
<i>Falco columbarius</i>	Merlin	Several winter records																					1	0	0	
<i>Falco peregrinus</i>	Peregrine falcon	Occasionally seen, 2006; over Thrupp Lake, April 2009 (JC2), Pair taking coot, Dec 2010 (RE)				WB, RE			JC2	JC2(Jun), RE(Dec)			WB(30/7)								1		1	0	1	
<i>Falco subbuteo</i>	Hobby	Frequently seen. 2005				RE				MK*(02/06), BC2(Sep), WB(Oct)	MM(May)	WB(30/7, 29/9)									1			0	0	
<i>Falco tinnunculus</i>	Kestrel	Frequently seen. 2005, 2006	fs	fs	fs	fs				BC2(Jan)	WB(Jun)	IS(May)									1		1	0	1	
<i>Fringilla coelebs</i>	Chaffinch	Frequently seen. 2005, 2006			fs	fs	fs	fs	fs	fs	fs	fs, bird walk (3/12)	bird walk (1/12)								1			0	0	
<i>Fringilla montifringilla</i>	Brambling	Irregular winter visitor. Heard overhead, Oct 2010.									heard WB(12/10)										1			0	0	
<i>Fulica atra</i>	Coot	Frequently seen. 2005, 2006 (approx 60 permanently on lake F throughout 2005)			fs	fs	fs	fs	fs	fs	fs	fs, bird walk (3/12)	fs, bird walk (1/12)	fs							1			0	0	
<i>Gallinago gallinago</i>	Snipe	Occasionally seen. 2005, 2006 .. 2011				RE, EU			JC2 (Sept)	BC2(Jan, Jun, Aug, Sep, Dec) WB(Oct)	BC2(Feb)										1		1	0	1	
<i>Gallinula chloropus</i>	Moorhen	Frequently seen. 2005, 2006			fs	fs	fs	fs	fs	fs	fs	fs, bird walk (3/12)	bird walk (1/12)								1			0	0	
<i>Garrulus glandarius</i>	Jay	Occasionally seen. 2005, 2006									BC2(Mar, Apr, May, Aug, Sep)	bird walk (3/12)	bird walk (1/12)								1			0	0	
<i>Gavia immer</i>	Great-northern diver	1962																					1	0	0	
<i>Gavia stellata</i>	Red-throated diver	1992																					1	0	0	
<i>Haematopus ostralegus</i>	Oystercatcher	1994, 1995, 2004, 2005. Possibly breeding locally. Nesting on cleared islands in Thrupp Lake, 2007. Thrupp Lake, May 2008 (RE); Lake G, May 2008 (DG); over Thrupp Lake, April 2009 (RE) ; 2010					RE	RE, DG	RE(April), TW(20/09)	BC2(M,A,M,J,J,A)	BC2(Apr) JH,PL(May) fs(Jun-)	BC2(Mar), WB(Jul)	JC/BC*(14/7)										1	1	0	1
<i>Himantopus himantopus</i>	Black-winged stilt	1812, 1993																						1	0	0
<i>Hirundo rustica</i>	Swallow	Frequently seen. 2005			fs	RE					BC2(Mar)		IS,JC,BC(3/5)								1		1	0	1	
<i>Jynx torquilla</i>	Wryneck	1981. Very rare passage migrant. One sighting south of H/I, Sept 2006				DM2, WB																1	1		1	0
<i>Lanius collurio</i>	Red-backed shrike	Breeding up to 1960																							0	0
<i>Lanius excubitor</i>	Great grey shrike	Old verbal record																							0	0
<i>Larus argentatus</i>	Herring gull	Frequently seen. 2005, 2006			JH	fs					fs	fs, bird walk (3/12)	breeding								1	1		1	0	
<i>Larus canus</i>	Common gull	Frequently seen. 2005, 2006, 2010			fs	fs				BC2(Dec)	fs	fs, bird walk (3/12)	fs								1		1	0	1	
<i>Larus cachinnans</i>	Caspian gull	Recognised as separate species from 2007. (Formerly <i>L. argentatus</i>)										IS(1/1)											1	1	1	
<i>Larus fuscus</i>	Lesser black-backed gull	Frequently seen. 2005, 2006			fs	fs		RE				WB(Jan)	bird walk (1/12)								1		1	0	1	
<i>Larus glaucooides</i>	Iceland Gull	Thrupp Lake, 11/4/2009, 3-4/2/2011							JC2			Feb									1			0	0	
	Glaucous gull	juvenile, Thrupp Lake, Dec 2010, Thrupp Lake Jan/Feb 2011								JC2(Dec)		WB(Jan)														
<i>Larus hyperboreus</i>	Great black-backed gull	Rare winter visitor, e.g. 1998, 2005. Occasionally seen 2009-2011			JH					BC2(Dec)	BC2(Jan, Sep)	BC2(Feb)										1			0	0
<i>Larus melanocephalus</i>	Mediterranean gull	1996, 1998, 2011										IS(2/7)									1		1	0	1	

<i>Passer montanus</i>	Tree sparrow	Occasionally seen, possible breeding south side of Lake F in 2003. Unconfirmed sighting near Thrupp Cottage, April 2009 (RE2).	RE															1			0		0		
<i>Perdix perdix</i>	Grey partridge	Occasionally seen. Breeding proved 1990, 1993								BC2(Sep)	MM(26/8)							1	1			1	0		
<i>Pernis apivorus</i>	Honey buzzard	One in flight in 1993																			1	0	0		
<i>Phalacrocorax aristotelis</i>	Shag	1962, 1984, 1991																			1	0	0		
<i>Phalacrocorax carbo</i>	Cormorant	Many throughout the year. 2005, 2006; Less numerous since 2007 due to tree felling, but numbers increasing again.			fs	fs	fs	fs	fs			mfs, bird walk (3/12)	fs, bird walk (1/12)	fs									1		
<i>Phalaropus fulicarius</i>	Grey Phalarope									JC2 (21/11)								1			1	0	0		
<i>Phasianus colchicus</i>	Pheasant	Frequently seen. 2006				fs				BC2(Dec)								1				0	0		
<i>Philomachus pugnax</i>	Ruff	Scarce passage migrant, e.g. 1988, 1992, 1994, 1997, Sept 2006, Sept 2009. Lake G, Aug 2010, Aug 2011.							EU, JH & others	MT (20/09)	BC2(18/08, 13/09)	WB(12/10)	WB (22/8), CB(24/8), MM(26/08)					1			1	0	1		
<i>Phoenicurus phoenicurus</i>	Redstart	Scarce passage migrant																			1	0	0		
<i>Phylloscopus collybita</i>	Chiffchaff	Frequently heard. Overwintering in 2005/6			fh	fh				fh	BC2(Mar, Nov), WB(Oct)	BC2(Apr, Jun)						1				0	0		
<i>Phylloscopus sibilatrix</i>	Wood warbler	Single record from 1999. Unconfirmed sighting (RE) Apr 2006							RE (unconf.)									0			1	0	0		
<i>Phylloscopus trochilus</i>	Willow warbler	Frequently heard. 2005, 2010-			fh						BC2(Mar, Aug, Sep)	BC2(Mar), JC(Apr)						1			1	0	1		
<i>Pica pica</i>	Magpie	Frequently seen. 2006			fs	fs				fs	fs							1				0	0		
<i>Picus viridis</i>	Green woodpecker	Frequently seen. 2006, 2010				fs					BC2(Dec)	fs	fs, bird walk (3/12)	bird walk (1/12)				1			1	0	1		
<i>Platycercus eximius</i>	Eastern rosella parakeet	Escaped cage bird 2005			BC*/LP*													1				0	0		
<i>Plectrophenax nivalis</i>	Snow bunting	One record from 1969																			1	0	0		
<i>Pluvialis apricaria</i>	Golden plover	Occasional visitor. 1982, 1991, 2006																1				0	0		
<i>Pluvialis squatarola</i>	Grey plover	Rare passage migrant, e.g. 1994, 1996																			1	0	0		
<i>Podiceps auritus</i>	Slavonian grebe	1971, 1997																			1	0	0		
<i>Podiceps cristatus</i>	Great crested grebe	Frequently seen. 2005-08. Bred on Thrupp Lake, 2008, 2010			fs	fs	fs	fs	fs	fs		fs, bird walk (3/12)	fs, bird walk (1/12)	fs				1				0	0		
<i>Podiceps grisegena</i>	Red-necked grebe	Occasional visitor. 1979, 1995, 1999, 2006																			1	0	1		
<i>Podiceps nigricollis</i>	Black-necked grebe	1978, 1996, 1999																			1	0	0		
<i>Podilymbus podiceps</i>	Pied-billed grebe	1992																				0	0		
<i>Poecile=Parus palustris</i>	Marsh tit	Occasionally seen. Feb 2005 south of H/I nr railway bridge. 1 pair (Jan 2010)										BC2(Jan, Sep)									1	1	1	0	
<i>Porzana porzana</i>	Spotted crake	On Lake G, Sept 2010									RE(03/09)										1		0	1	
<i>Prunella modularis</i>	Duncock	Frequently seen. 2005, 2006			fs	fs					fs	fs	bird walk (1/12)								1		1	0	1
<i>Pyrrhula pyrrhula</i>	Bullfinch	Fairly common in locality. 2005, 2006			fs	fs					BC2(Dec)	BC2(Jan, Mar, Apr)	WB(Jan, Feb); bird walk (3/12)								1		1	0	1
<i>Rallus aquaticus</i>	Water rail	Occasionally seen and heard. Breeds nearby. Lake F Jan 2006, Lake E Feb 2006							RE			BC2(Oct)	WB(Jan) heard WB (Feb)	BC2(Mar), BC2(23/10), bird walk, IS, BC2 (1/12)				1			1	0	1		
<i>Recurvirostra avosetta</i>	Avocet	Lake G, May 2006; One flying over Thrupp Lake, May 2011; Lake G, June 2012.							JH				WB(May)	RW(2/6)							1		1	0	1
<i>Regulus ignicapillus</i>	Firecrest	2005																			1		1	0	1
<i>Regulus regulus</i>	Goldcrest	Occasionally seen. Large flocks 2005, 2006										BC2(Mar, Jul)	BC2(Jun)	bird walk (1/12)							1		1	0	1
<i>Riparia riparia</i>	Sand martin	Frequently seen. Breeds next to Lake E. 2005, 2006			fs	RE					fs	fs	IS, JC, BC(3/5)								1		1	0	1
<i>Rissa tridactyla</i>	Kittiwake	1957, 1985, 1993, 1996																				1	0	0	
<i>Saxicola rubetra</i>	Whinchat	Scarce passage migrant. Seen 2005																			1			0	0
<i>Saxicola torquata</i>	Stonechat	Rare winter visitor, e.g. 1998																				1		0	0

<i>Scolopax rusticola</i>	Woodcock	Scarce winter visitor, 1997; Lake 'M' (DG, Feb 2004)		DG														1		1	0	1		
<i>Sitta europaea</i>	Nuthatch	Occasionally seen, 2003, 2005 (N of Lake E, DG, Autumn 2005), 2010		DG																		0	0	
<i>Stercorarius parasiticus</i>	Arctic skua	One record (?) 1982																				0	0	
<i>Sterna albifrons</i>	Little tern	1971, 1992, 1999																				0	0	
<i>Sterna hirundo</i>	Common tern	Frequently seen. Breeds locally. 2005		fs	fs	fs	fs															1	0	0
<i>Sterna paradisaea</i>	Arctic tern	1980, 1992, 1995, 2006			Oct																	1	0	1
<i>Sterna sandvicensis</i>	Sandwich tern	Rare passage migrant, e.g. 1995, 1996, 1999																					1	0
<i>Streptopelia decaocto</i>	Collared dove	Frequently seen. 2005, 2006		fs	fs																	1	0	0
<i>Streptopelia turtur</i>	Turtle dove	Frequently heard (RE 2005). One of few Oxon sites where 'common' up until 1999 (OOS). Declined since destruction of Lakes G, H, I Seen Anderson's Close, May 2008 (RE)		RE (heard)			RE															1	1	0
<i>Strix aluco</i>	Tawny owl	Frequently heard. Bred 2005		fh																		1	0	0
<i>Sturnus vulgaris</i>	Starling	Frequently seen. 2005, 2006		fs	fs																	1	1	0
<i>Sylvia atricapilla</i>	Blackcap	Frequently heard. 2005		fh					JC2 (Sept)													1	0	0
<i>Sylvia borin</i>	Garden warbler	Occasionally heard. Breeding, N area (JC2).							JC2													1	0	0
<i>Sylvia communis</i>	Whitethroat	Occasionally seen and heard. 2005, 2006			LP*				JC2 (Sept)													1	0	0
<i>Sylvia curruca</i>	Lesser whitethroat	Occasionally heard																				1	0	0
<i>Tachybaptus ruficollis</i>	Little grebe	Frequently seen. 2005, 2006		fs	fs				BC2(Dec)													1	0	0
<i>Tadorna ferruginea</i>	Ruddy shelduck	1987, 1993, 1998, Feral																					0	0
<i>Tadorna tadorna</i>	Shelduck	Records in most years. Bred 2005, pair Feb 2006, 2009, pair Apr 2010		RE, TW					JC2 (Sept) BC2(Dec)													1	1	0
<i>Threskiornis aethiopicus</i>	Sacred ibis	1992. Escape																					0	0
<i>Tringa erythropus</i>	Spotted redshank	Rare passage migrant, e.g. 1985, 1991, 1993																					1	0
<i>Tringa glareola</i>	Wood sandpiper	Rare passage migrant, e.g. 1995-1996, 1999, 2005							May													1	1	0
<i>Tringa nebularia</i>	Greenshank	Occasionally seen. Lake M, Aug 2006 (JH), Sept 2006 (EU); Lake G, May 2008 (DG), April 2009 (JC2)				JH, EU	DG	JC2														1	0	0
<i>Tringa ochropus</i>	Green sandpiper	Passage migrant and winter visitor, e.g. 1994-1997, 2005/2006, Sept 2006, pair Sept 2009, 6 on Lake G in 2010. Seen most months during 2010-11		SB*	RE, WB; EU			Sept														1	1	0
<i>Tringa totanus</i>	Redshank	Frequently seen. 2005. Lake G, May 2008, Feb-Mar 2011.		fs			DG															1	1	0
<i>Troglodytes troglodytes</i>	Wren	Frequently seen. 2005, 2006		fs	fs				BC2(Dec)													1	0	0
<i>Tryngia erythropus</i>	Spotted redshank	Rare passage migrant. Pair on Lake G, Sept 2006			JH,JC2,DM2																	1	1	0
<i>Turdus iliacus</i>	Redwing	Frequently seen. 2005, 2006, 2010		fs	fs				BC2(Dec)													1	1	0
<i>Turdus merula</i>	Blackbird	Frequently seen and heard.		fs, fh	fs, fh	fs, fh	fs, fh	fs														1	0	0
<i>Turdus philomelos</i>	Songthrush	Frequently seen. 2005		fs				SCF*														1	1	0
<i>Turdus pilaris</i>	Fieldfare	Frequently seen. 2005, 2006		fs	fs				BC2(Dec)													1	1	0
<i>Turdus viscivorus</i>	Mistle Thrush	Frequently seen. 2005, 2006		fs	fs																	1	1	0
<i>Tyto alba</i>	Barn owl	Occasionally seen, breeding 2005 within 1 km.		RE																		1	1	0

<i>Vanellus vanellus</i>	Lapwing	Frequently seen. 2005, flock c.1,150 – 1,200 Jan 2006 (RE). Flock of ~150 on Lake G, 6 Jan 2010		fs	RE		fs	fs	fs	fs, bird walk (3/12)	Several on J/P (21/4); fs		1	1		1	0
					212								163	27	91	24	66
					Total listed (Current and historic)								Total Present (2003- 12)	redlist	amberlist	redlist	amberlist
																Present (2003-13)	Present (2003-13)

<i>Trechemys scripta</i>	Red-Eared Terrapin	Introduced alien. Probably a single individual. Several sightings in Thrupp Lake over the period. Finally identified from photograph in 2012.	
AMPHIBIANS			
<i>Bufo bufo</i>	Common toad	Breeding in Lake E. 2005	Y
<i>Triturus cristatus</i>	Great crested newt	Breeding and presumed hibernating on site. 2005	Y
<i>Rana temporaria</i>	Common frog	Breeding in Lake F. 2005	
FISH			
<i>Abramis brama</i>	Common bream	Various fishermen, <i>pers. comm.</i>	
<i>Anguilla anguilla</i>	Eel	Various fishermen, <i>pers. comm.</i>	
<i>Cyprinus carpio</i>	A carp	Very large specimens, commonly seen. 2005, 2006	
<i>Esox lucius</i>	Pike	Seen dead Lake E 2005	
<i>Gasterosteus aculeatus</i>	Stickleback	Commonly seen. 2005	
<i>Perca fluviatilis</i>	Perch	Commonly seen. Large shoals in Lake E, 2005	
<i>Rutilus rutilus</i>	Roach	Occasionally seen	
<i>Scardinius erythrophthalmus</i>	Rudd	Various fishermen, <i>pers. comm.</i>	
<i>Tinca tinca</i>	Tench	Various fishermen, <i>pers. comm.</i> and by RE, 2005	

							SK/DK* (Mar)	
LP*/BC*/JC							RC(various)	
	MT (on isthmus/ in Lake E, SE corner)						Abundant around N edge of H/I	
LP*/BC*							RC(22/7)	
JC*								
RE								

Odonata

Key: * = photograph; ^ = larva, †=exuviae; #=emerging (& adults). Unless otherwise specified, record is of adult. Text colour of name indicates conservation status as follows: RDB2 , RDB3 , Na, Nb , local .

SCIENTIFIC NAME	COMMON NAME	Status	2005	2006	2007	2008	2009	2010	2011	2012	2013
<i>Aeshna cyanea</i>	Southern hawkler	Common	BC					MK*	BC*	RC(9/9)	
<i>Aeshna grandis</i>	Brown hawkler	Common		Present	BC, SB*	BC		BC2			BC
<i>Aeshna mixta</i>	Migrant hawkler	Common				BC*			IS†	RC(1,9/9)	
<i>Anax imperator</i>	Emperor dragonfly	Common	LP*/BC, BC^*	BC†*					IS†, IS, BC*		
<i>Anax parthenope</i>	Lesser Emperor	Migrant		WB	WB, SB*						
<i>Brachytron pratense</i>	Hairy Dragonfly	Local						WB	WB		
<i>Calopteryx splendens</i>	Banded demoiselle	Common	WB					BC2			
<i>Coenagrion puella</i>	Azure damselfly	Common	WB					BC*	IS		
<i>Cordulia aenea</i>	Downy Emerald	Local						WB		MG (27/5)	IS(6/6)
<i>Enallagma cyathigerum</i>	Common blue damselfly	Common	BC*	BC	BC	BC		BC*	WB, IS#	RC	BC*
<i>Erythromma najas</i>	Red-eyed damselfly	Common	WB	WB		BC*			WB; IS#	LP#* (1/6)	BC*(many)
<i>Erythromma viridulum</i>	Small red-eyed damselfly	Migrant						WB			
<i>Gomphus vulgatissimus</i>	Club-tailed dragonfly	Nb		RE/PW		112 squares					
<i>Ischnura elegans</i>	Blue-tailed damselfly	Common	BC*	BC	BC			BC*	WB, IS	RC	
<i>Libellula depressa</i>	Broad bodied chaser	Common	WB								
<i>Libellula quadrimaculata</i>	Four-spotted chaser	Common	WB	JC*				BC*	WB		
<i>Orthetrum cancellatum</i>	Black-tailed skimmer	Common		BC†*				BC2	IS†		
<i>Platycnemis pennipes</i>	White-legged damselfly	Nb		WB				BC			
<i>Pyrrhosoma nymphula</i>	Large red damselfly	Common	WB						WB	RC(5/5)	
<i>Sympetrum fonscolumbii</i>	Red-veined darter	Migrant								!RC(1/9) WB(13/9) JG (22/9)	
<i>Sympetrum sanguineum</i>	Ruddy darter	Nb		RE/BC*		~400			IS†		
<i>Sympetrum striolatum</i>	Common darter	Common		Present		BC*		fs	IS†	RC, BC(4/10)	

Known
breeding
species in and
around
Longmead Lake

Known
breeding
species in
Thrupp
Lake

Known breeding
species in Thrupp
Lake

Known species
breeding in Thrupp
and Orchard Lakes
in 2011 (from
dragonfly survey by
IS, 7th July 2011)

Local	2
Nb	3
Na	0
RDB3	0
RDB2	0
Migrant	3
Total	22

Orthoptera

Oxon BRC data, up to 1998, with later additions by David Guyoncourt(**), Bob Eeles(*), Basil Crowley(#), Penny Williams (♦), Wayne Bull(†) and Linda Losito(^), Jacqueline Wright/ Darren Mann (♥), Martin Townsend (♣) and Steve Gregory (♠). (Colour indicates conservation status as follows: RDB2 , RDB3 , Na, Nb , local)

SCIENTIFIC NAME	COMMON NAME		2005	2006	2007	2008	2009	2010	2011	2012
<i>Chorthippus brunneus</i>	Common field grasshopper	Common	BC*							RC
<i>Chorthippus parallelus</i>	Meadow grasshopper	Common	BC*							
<i>Conocephalus discolor</i>	Long-winged conehead bush	Na	BC*			BC*				RC
<i>Metrioptera roeseli</i>	Roesel's bush cricket	Nb	BC*							RC(Sept)
<i>Myrmeleotettix maculatus</i>	Mottled grasshopper#	Common	BC*							
<i>Omocestus viridulus</i>	Common green grasshopper	Common								
<i>Tetrix subulata</i>	Slender ground hopper	Common								
<i>Tetrix undulata</i>	Common ground hopper	Common								

Common	6
Local	0
Nb	1
Na	1
RDB3	0
RDB2	0
Migrant	0
Total	8

Hemiptera

! denotes new records, 2011 onwards.

Hemiptera	identified by Peter Kirby		2005	2006	2007	2008	2009	2010	2011	2012	2013
Auchenorrhyncha											
Cercopidae (frog-hoppers)	<i>Aphrophora alni</i> (Fallén)	Common		MT/PK							
	<i>Aphrophora salicina</i>	Common		MT/PK							
	<i>Philaenus spumarius</i> (L.)	Common		MT/PK						RC(22/5)	
Cicadellidae (leaf-hoppers)											
	<i>Agallia ribauti</i>	Common		MT/PK							
	<i>Aphrodes makarovi</i>	Common		MT/PK							
	<i>Aphrodes</i> sp. nymph			MT/PK							
	<i>Arthaldeus pascuellus</i>	Common		MT/PK							
	<i>Eupteryx aurata</i> (L.)	Common		MT/PK							
Delphacidae (plant-)	<i>Hyledelphax elegantulus</i>	Common		MT/PK							
	<i>Javesella</i> sp. female	Common		MT/PK							
Heteroptera											
Anthocoridae (predatory)	<i>Anthocoris nemorum</i> (L.)	Common		MT/PK							
	<i>Orius niger</i> (Wolff)	Common		MT/PK							
	<i>Orius vicinus</i> (Ribaut)	Common		MT/PK							
	<i>Orius</i> sp. female			MT/PK							
Lygaeidae (ground bugs)	<i>Cymus melanocephalus</i>	Common		MT/PK							
	<i>Drymus sylvaticus</i> (Fab.)	Common		MT/PK							
	<i>Scolopostethus affinis</i>	Common									
Miridae (leaf bugs)	<i>Amblytylus nasutus</i>	Common									
	<i>Calocoris norwegicus</i>	Common		MT/PK							
	<i>Campyloneura virgula</i>	Common									
	<i>Closterotomus norwegicus</i>	Common							BC*		
	<i>Deraeocoris ruber</i> (L.)	Common		MT/PK							
	<i>Dicyphus</i> sp. nymph			MT/PK							
	<i>Heterotoma planicornis</i>	Common		MT/PK							
	<i>Leptopterna dolabrata</i> (L.)	Common		MT/PK							
	<i>Lygocoris contaminatus</i>	Common		MT/PK							
	<i>Lygus</i> sp.	Common							SCF (nymph)		
	<i>Megaloceraea recticornis</i>	Common		MT/PK							

	<i>Notostira elongata</i>	Common		MT/PK						
	<i>Orthops campestris</i> (L.)	Common		MT/PK						
	<i>Orthops</i> sp. female	Common		MT/PK						
	<i>Plagiognathus arbustorum</i>	Common								
	<i>Plagiognathus</i>	Common								
	<i>Polymerus nigrita</i> (Fallén)	Local		MT/PK	Very slightly local; on <i>Galium</i> spp. including <i>G. aparine</i>					
	<i>Stenotus binotatus</i> (Fab.)	Common		MT/PK						
	Indet. nymphs			MT/PK						
Nabidae	<i>Nabis ferus</i>	Common								!RC(23/5)
	<i>Nabis rugosus</i> (L.)	Common		MT/PK						RC(23/5)
	Indet. nymph			MT/PK						
Psyllidae	<i>Psyllopsis fraxini</i>	Common								!RC(9/9)
Saldidae	<i>Saldula saltatoria</i> (L.)	Common		MT/PK						
Triozidae	<i>Trichoermes walkeri</i>	Local								!RC(1/9)
	<i>Trioza remota</i>	Common								!RC(13/10)
	<i>Aelia acuminata</i> ♀	Common		MT						
Hawthorn shield bug	<i>Acanthosoma haemorrhoidale</i>	Common						BC*		RC(1/9)
A flower bug	<i>Anthocoris nemoralis</i>	Common								
A leafhopper	<i>Aphrodes bicinctus</i>	Common								
A damsel bug	<i>Aptus mirmicoides</i>	Common								
Black-kneed apple capsid	<i>Blepharidopterus angulatus</i>	Common								
A plant bug	<i>Calocoris norvegicus</i>	Common								
A plant bug	<i>Calocoris roseomaculatus</i>	Common								
A leafhopper	<i>Cicadella viridis</i>	Common							! BC*	
A squash bug#♂	<i>Coreus marginatus</i>	Common	BC*	MT						RC(Sept)
A shield bug	<i>Corizus hyoscyami</i>	Local						WB2*		
A stilt bug	<i>Cymus melanocephalus</i>	Common								
A plant bug	<i>Dicyphus epilobii</i>	Common								
Sloe bug#	<i>Dolycorus baccarum</i>	Common	BC*							RC(Sept)
Sycamore aphid*	<i>Drepanosiphum platanoides</i>	Common	RE					SCF*		
Birch shield bug	<i>Elasmotethus interstinctus</i>	Common						SCF*		RC(Sept)
Juniper shield bug	<i>Elasmotethus tristriatus</i>	Common								
Brassica shield bug	<i>Eurydema oleracea</i>	Common								!RC(19/5)
A leafhopper	<i>Euscelis incisus</i>	Common								
A leafhopper	<i>Evacanthus interruptus</i>	Common								
Box Bug	Gonocerus	RDB1				SCF*	SCF*	BC*	SCF	SCF
Toothed pondskater	<i>Geris odontogaster</i>	Common								

A plant bug	<i>Sthenarus rotermundi</i>	Common									
Spear thistle lacebug	<i>Tingis cardui</i>	Common									
Pied shieldbug	<i>Tritomegas bicolor</i>	Common							!SCF*(22/3), RC(1/4)		
Aphidoidea (aphids)											
Nettle Aphid	<i>Microlophium carnosum</i>	Common									BC*(6/6)
Giant willow aphid	<i>Tuberolachus salignus</i>	Common	BC*								
Poplar leaf gall	<i>Pemphigus spyrothecae</i>	Common				RE					
Aleyrodoidea (whiteflies)											
Cabbage whitefly*	<i>Aleyrodes proletella</i>	Common	RE								

Common	100
Local	3
Nb	0
Na	0
RDB3	0
RDB2	0
RDB1	1
Total	104

<i>Pterostichus madidus</i>	A carabid beetle ♪	Common		DG/MT							
<i>Pterostichus melanarius</i>	A carabid beetle	Common									
<i>Pterostichus niger</i>	A carabid beetle ♪	Common		MT							
<i>Pterostichus rhaeticus</i> male	A carabid beetle ♪	Common		DG/MT							
<i>Pterostichus strenuus</i>	A carabid beetle ♪	Common		DG/MT							
<i>Pyrochroa coccinea</i>	Black-headed cardinal beetle	Common							! JC*		
<i>Rhagonycha fulva</i>	Common red soldier beetle	Common								RC(22/7)	
<i>Rhizophagus bipustulatus</i>	A narrow bark beetle^	Common	LL	BC*, LL							
<i>Rhyzobius litura</i>	A ladybird	Common								!RC(19/5)	
<i>Rugilus rufipes</i>	A rove beetle^	Common		LL							
<i>Scymnus interruptus</i>	A ladybird	DD								!RC(27/5) note 1	
<i>Silpha atrata</i>	A snail eating beetle	Common									
<i>Silpha laevigata</i>	A carrion beetle	Common								!RC(19/5)	RC/BC*(27/5)
<i>Sphaeroderma testaceum</i>	A leaf beetle	Common									
<i>Stenolophus mixtus</i>	A carabid beetle	Common									
<i>Stomis pimicatus</i>	A carabid beetle	Common									
<i>Subcoccinella vigintiquatuorpuntata</i>	24-spot ladybird	Common								!RC(1/4)	
<i>Strangalia maculata</i>	A longhorn beetle	Common						SCF*			JC/BC*(16/7)
<i>Tachinus signatus</i>	A rove beetle^	Common		LL							
<i>Tytthaspis sedecimpunctata</i> = = <i>Micraspis 16-punctata</i>	16-spot ladybird^	Local		LL							
<i>Xantholinus linearis</i>	A rove beetle^	Common		LL							
<i>Zyras limbatus</i>	A rove beetle^	Local	LL	LL							

Common	122
Local	11
Nb	6
Na	0
DD	1
RDB3	1
RDB2	0
Total	141

Note 1: One specimen found at SU 512 972 (45129300, 19724300)

Moths recorded in vicinity of Lakes E and F

Moths captured at light between May 2003 and present, Barton Lane, Abingdon, Oxfordshire, (NGR SU 518973) plus additional sightings in neighbourhood.

Species identifications and counts by Bob Eeles, with additions by Basil Crowley (#) and Martin Townsend and Martin Corley (♂). The proximity of the moth capture site overlooking Lakes E & F and its surroundings and the 'wetland' adaptations of many of the moths (i.e., in terms of their ecological requirements or that of their food plants) would suggest a significant component of the moth fauna was originating from this area. Present = seen as day flying adults or common but uncounted micro-moths at light. Nb species coloured blue, Local species coloured green. Initials in Total column denote recorder who first noted the presence of the species that year. Where no initials or symbol are given, RE is presumed. ! denotes new records, 2011 onwards.

B&F	FAMILY	SCIENTIFIC NAME	COMMON NAME	NOTES ¹	Macro moth light-trapping (RE) and other records					Macro & micro records		Macro moths (See separate spreadsheet for light trapping data 2009-)					Status	UKBAP
					2003	2004	2005	2006	Suppl. 2006	2007	2008	2009	2010	2011	2012	2013		
14	Hepialidae	<i>Hepialus humuli</i> Linnaeus	Ghost		4	3	7	6	1 ♀		5		SCF*(June)			Common	Y	
15	Hepialidae	<i>Hepialus sylvina</i> Linnaeus	Orange swift		2	17	27	15		2	2					Common		
16	Hepialidae	<i>Hepialus hecta</i> Linnaeus	Gold swift									1 (June)				Local		
17	Hepialidae	<i>Hepialus lupulinus</i> Linnaeus	Common swift	♠♠♠	8		23	31		6						Common		
50	Nepticulidae	<i>Stigmella aurella</i> Fabricius	A leaf miner moth								present					Common		
123	Tischeriidae	<i>Tischeria ekebladella</i> Bjerkander	Oak carl												!RC(Oct)	Common		
148	Incurvariidae	<i>Nemophora degeerella</i> Linnaeus	Longhorn moth				BC*		BC							Common		
150	Incurvariidae	<i>Adela reaumurella</i> Linnaeus							Present							Common		
161	Cossidae	<i>Zeuzera pyrina</i> Linnaeus	Leopard			4	1		5 ♀		1					Common		
169	Zygaenidae	<i>Zygaena trifolii</i> Verity	Six spot burnet			Present	Present									Common		
171	Zygaenidae	<i>Zygaena lonicerae</i>	Narrow-bordered Five-spot Burnet						1 ♀							Common		
288	Gracillariidae	<i>Caloptilia stigmatella</i>							1 ♀							Common		
303	Gracillariidae	<i>Parornix anglicella</i>	Hawthorn slender												!RC(Oct)	Common		
315	Gracillariidae	<i>Phyllonorycter harrisella</i>	White oak midget												!RC(Oct)	Common		
332	Gracillariidae	<i>Phyllonorycter corylifoliella</i>	Hawthorn midget												!RC(Oct)	Common		
342	Gracillariidae	<i>Phyllonorycter coryli</i>	Nut leaf blister moth												!RC(Oct)	Common		
359	Gracillariidae	<i>Phyllonorycter nicellii</i>	Red hazel midget												!RC(Oct)	Common		
366a	Gracillariidae	<i>Cameraia ohridella</i>	Horse Chestnut Leaf-miner	Alien pest									SCF*(May)			Local		
370	Sesiidae	<i>Sesia apiformis</i> Clerck	Hornet moth	♠♠♠			Pupal cases	Present	exit holes ♀	Present			RE*(July)			Nb		
371	Sesiidae	<i>Sesia bembeciformis</i> Hübner	Lunar hornet moth										DG*/JC(June)			Common		
374	Sesiidae	<i>Synanthedon vespiformis</i> Linnaeus	Yellow-legged clearwing							Present 29-6-07						Nb		
378	Sesiidae	<i>Synanthedon andrenaformis</i> Laspeyres	Orange-tailed clearwing							Present 29-6-07						Nb		
379	Sesiidae	<i>Synanthedon myopaeformis</i> Laspeyres	Red belted clearwing									RE (June)				Nb		
380	Sesiidae	<i>Synanthedon formicaeformis</i> Esper	Red-tipped clearwing										RE (June)			Nb		
381	Sesiidae	<i>Synanthedon culiciformis</i> Linnaeus	Large red belted clearwing									RE (June)				Nb		
385	Choreutidae	<i>Anthophila fabriciana</i> Linnaeus	Nettle-tap			RE			MC						RC(22/5)	Common		
410	Yponomeutidae	<i>Argyresthia brockeella</i>							1 ♀							Common		
412	Yponomeutidae	<i>Argyresthia pygmaeella</i>							3 ♀							Common		
424	Yponomeutidae	<i>Yponomeuta evonymella</i>	Bird-cherry Ermine						1 ♀							Common		
426	Yponomeutidae	<i>Yponomeuta malinellus</i>	Apple Ermine						1 ♀							Common		
440	Yponomeutidae	<i>Parasammerdamia albicapitella</i>							1 ♀							Common		
441	Yponomeutidae	<i>Parasammerdamia lutarea</i>							2 ♀							Common		
449	Yponomeutidae	<i>Prays fraxinella</i>	Ash Bud Moth						2 ♀							Migrant		
464	Yponomeutidae	<i>Plutella xylostella</i>	Diamond-back Moth						1 ♀							Migrant		
492	Coleophoridae	<i>Coleophora flavipennella</i>							♀							Common		
504	Coleophoridae	<i>Coleophora lusciniapennella</i>							♀							Common		
516	Coleophoridae	<i>Coleophora trifolii</i>	Large Clover Case-bearer						2 ♀							Common		
518	Coleophoridae	<i>Coleophora mayrella</i>							1 ♀							Common		
523	Coleophoridae	<i>Coleophora hemerobiella</i>							1 ♀							Nb		
555	Coleophoridae	<i>Coleophora follicularis</i>							♀							Common		
582	Coleophoridae	<i>Coleophora glaucicolella</i>							♀							Common		
611	Coleophoridae	<i>Elachista triatomea</i>							1 ♀							Common		
640	Oecophoridae	<i>Batia lunaris</i>							2 ♀							Common		
642	Oecophoridae	<i>Batia unitella</i>							5 ♀							Common		
647	Oecophoridae	<i>Hofmannophila pseudospretella</i>	Brown House Moth						1 ♀							Common		
649	Oecophoridae	<i>Esperia sulphurella</i>											SCF*			Common		
658	Oecophoridae	<i>Carcina quercana</i>							1 ♀				SCF*			Common		
701	Oecophoridae	<i>Agonopterix ocellana</i>														!BC*(7/2)	Common	
710	Oecophoridae	<i>Agonopterix conterminella</i>							4 ♀							Common		
724	Gelechiidae	<i>Metzneria lappella</i>							7 ♀							Common		
802a	Gelechiidae	<i>Gelechia soroculella</i>							1 ♀							Common		
853	Anacampsinidae	<i>Anacampsis populifella</i>							3 ♀							Common		
874	Blastobasidae	<i>Blastobasis lacticolella</i> (=decolorella)							3 ♀							Common		
886	Momphidae	<i>Mompha ochraceella</i>							12 ♀							Common		
892	Momphidae	<i>Mompha subbistrigella</i>							1 ♀							Common		
898	Cosmopterigidae	<i>Limnaecia phragmitella</i>							11 ♀							Common		
905	Cosmopterigidae	<i>Blastodacna hellerella</i>							1 ♀							Common		
921	Tortricidae	<i>Phtheochroa inopiana</i>							7 ♀							Common		
926	Tortricidae	<i>Phalonidia manniana</i>							2 ♀							Nb		
937	Tortricidae	<i>Agapeta hamana</i> Linnaeus							BC*, 10 ♀							Common		
946	Tortricidae	<i>Aethes rubigana</i>							1 ♀							Common		
954	Tortricidae	<i>Eupoecilia angustana</i>							4 ♀							Common		

1458	Pyralidae	<i>Myelois circumvoluta</i>	Thistle Ermine							2 ♀	Syn: <i>Myelois Cribrella</i> Hübner						Common
1465	Pyralidae	<i>Nephopterix angustella</i>								1 ♀							Nb
1470	Pyralidae	<i>Euzophera pinguis</i>								1 ♀							Common
1473	Pyralidae	<i>Ephestia elutella</i>								♂							Common
1481	Pyralidae	<i>Homoiosoma sinuella</i>								1 ♀							Common
1483	Pyralidae	<i>Phycitodes binaevella</i>								3 ♀							Common
1495	Pterophoridae	<i>Marasmarcha lunaedactyla</i>								1 ♀							Common
1504	Pterophoridae	<i>Platyptilia pallidactyla</i> Haworth											1 SCF*(Jun)				Local
1513	Pterophoridae	<i>Pterophorus pentadactyla</i> Linnaeus	White plume moth	Present	Present	Present				BC*, 2 ♀							Common
1524	Pterophoridae	<i>Emmelina monodactyla</i> Linnaeus	Common plume moth	Present	Present	Present											Common
1640	Lasiocampidae	<i>Philudoria potatoria</i> Linnaeus	Drinker	♣	24	8	5	8		BC*(larva), 3 ♀	4	16					Common
1645	Drepanidae	<i>Falcaria lacertinaria</i> Linnaeus	Scalloped Hook-tip										SCF*/RE(May)				Common
1646	Drepanidae	<i>Watsonalla binaria</i> Hufnagel	Oak hook tip		5	2	1	6			1						Common
1648	Drepanidae	<i>Drepana falcata</i> Linnaeus	Pebble hook tip		1	1	2	1				5					Common
1651	Drepanidae	<i>Cilix glaucata</i> Scopoli	Chinese character	♣♣	6	2	3	2			1	2					Common
1652	Thyatiridae	<i>Thyatira batis</i> Linnaeus	Peach blossom		2	1	1	3		2 ♀							Common
1653	Thyatiridae	<i>Habrosyne pyritoides</i> Hufnagel	Buff arches		14	5	15	39		3 ♀	3	13					Common
1654	Thyatiridae	<i>Tethea ocellaris octogessima</i> Hübner	Figure of 80	♣♣♣	5	4	19	19		1 ♀	10	3					Common
1657	Thyatiridae	<i>Ochropacha duplaris</i> Linnaeus	Common lutestring				1										Common
1660	Thyatiridae	<i>Polyproca ridens</i> Fabricius	Frosted green								1						Local
1663	Geometridae	<i>Alsophila aescularia</i> Denis & Schiffermüller	March moth					1		Present			SCF*(Feb)				Common
1666	Geometridae	<i>Geometra papilionaria</i> Linnaeus	Large emerald		1												Common
1667	Geometridae	<i>Comibaena bajularia</i> Denis & Schiffermüller	Blotched emerald										RE				Local
1669	Geometridae	<i>Hemitheia aestivaria</i> Hübner	Common emerald		7	4	7	4		3 ♀	2	3		SCF*(June)			Common
1673	Geometridae	<i>Hemistola chrysoprasaria</i> Esper	Small emerald									1					Local
1674	Geometridae	<i>Jodis lactearia</i> Linnaeus	Little emerald				1										Common
1680	Geometridae	<i>Cyclophora punctaria</i> Linnaeus	Maiden's blush		1	1	1										Local
1681	Geometridae	<i>Cyclophora linearia</i> Hübner	Clay triple lines					1		Present							Local
1682	Geometridae	<i>Timandra comae</i> Schmidt	Bloodvein	♣	32	18	7	21		Present	2	6					Common
1690	Geometridae	<i>Scopula imitaria</i> Hübner	Small blood vein		2	2		2		1 ♀		1					Common
1693	Geometridae	<i>Scopula flosalata</i> Haworth	Cream wave										RE				Local
1699	Geometridae	<i>Idaea rusticata</i> Denis & Schiffermüller	Least carpet									3					Local
1702	Geometridae	<i>Idaea biselata</i> Hufnagel	Small fan-footed wave		20	22	4	21		2 ♀	6	19		SCF*(Jul)			Common
1705	Geometridae	<i>Idaea fuscovenosa</i> Goeze	Dwarf cream wave	♣♣	2	6	5	7			8	3					Local
1707	Geometridae	<i>Idaea seriata</i> Schrank	Small dusty wave			1		Present 1/7/06		1 ♀							Common
1708	Geometridae	<i>Idaea dimidiata</i> Hufnagel	Single dotted wave	♣	27	34	11	47			4	39					Common
1711	Geometridae	<i>Idaea trigeminata</i> Haworth	Treble brown spot			2	3	Present 1/7/06		1 ♀	1						Local
1712	Geometridae	<i>Idaea emarginata</i> Linnaeus	Small scallop	♣	1	5	1	1			1	3		SCF*(July)			Local
1713	Geometridae	<i>Idaea aversata</i> Linnaeus	Riband wave	♣♣	62	35	37	59		4 ♀	25	49					Common
1715	Geometridae	<i>Idaea straminata</i> Borkhausen	Plain wave		4		1	4			1	1					Local
1720	Geometridae	<i>Orthonama obstipata</i> Fabricius	Gem		1			Present 1/7/06		1 ♀							Migrant
1722	Geometridae	<i>Xanthorhoe designata</i> Hufnagel	Flame carpet									1					Common
1724	Geometridae	<i>Xanthorhoe spadicearia</i> Denis & Schiffermüller	Red twin spot carpet		21		13	7			2	43		SCF*(May)		RC(May)	Common
1725	Geometridae	<i>Xanthorhoe ferrugata</i> Clerck	Dark barred twin spot carpet			2	1	4			1	1					Common
1726	Geometridae	<i>Xanthorhoe quadrifasiata</i> Clerck	Large twin spot carpet	♣ w	5			3		3 ♀	1						Local
1727	Geometridae	<i>Xanthorhoe montanata</i> Denis & Schiffermüller	Silver ground carpet	♣	26	12	11	3		1 ♀		4		SCF*			Common
1728	Geometridae	<i>Xanthorhoe fluctuata fluctuata</i> Linnaeus	Garden carpet		3			Present 1/7/06		1 ♀		2					Common
1732	Geometridae	<i>Scotopteryx chenopodiata</i> Linnaeus	Shaded broad bar		27	5	12	24		BC*	2	15					Common
1738	Geometridae	<i>Epirrhoe alternata</i> Müller, O.F.	Common carpet	♣♣	40	2	17	23		2 ♀	17	4					Common
1742	Geometridae	<i>Camptogramma bilineata</i> Linnaeus	Yellow shell		1		3	4		1 ♀		1		SCF*			Common
1745	Geometridae	<i>Larentia clavaria</i> Haworth	Mallow		4	1											Common
1746	Geometridae	<i>Anticlea badiata</i> Denis & Schiffermüller	Shoulder Stripe														ISCF*(8/4)
1747	Geometridae	<i>Anticlea derivata</i> Denis & Schiffermüller	Streamer								1			SCF*(April)			Common
1748	Geometridae	<i>Mesoleuca albicillata</i> Linnaeus	Beautiful carpet		1												Common
1749	Geometridae	<i>Pelurga comitata</i> Linnaeus	Dark spinach		1												Common
1752	Geometridae	<i>Cosmorhoe ocellata</i> Linnaeus	Purple bar									1		SCF*/RE(Sept)			Common
1754	Geometridae	<i>Eulithis prunata</i> Linnaeus	Phoenix										RE (July)				Common
1758	Geometridae	<i>Eulithis pyraliata</i> Denis & Schiffermüller	Barred straw		5	4	7	1		2 ♀		3		SCF*/RE(June)			Common
1759	Geometridae	<i>Ecliptopera silaceata</i> Denis & Schiffermüller	Small phoenix	♣♣	14	1	10	16				17		SCF*/RE(May)			Common
1760	Geometridae	<i>Chloroclysta siterata</i> Hufnagel	Red-green carpet		2									SCF*/RE(Nov)			Common
1764	Geometridae	<i>Chloroclysta truncata</i> Hufnagel	Common marbled carpet		4	11	17	14		3 ♀	5	10					Common
1765	Geometridae	<i>Cidaria fulvata</i> Forster	Barred yellow		6	2	4	5		5 ♀	1	15		SCF*(July)			Common
1768	Geometridae	<i>Thera obeliscata</i> Hübner	Grey pine carpet		1							1					Common
1769	Geometridae	<i>Thera britannica</i> Turner	Spruce Carpet										RE(Sept)	SCF*/RE(May)			Common
1773	Geometridae	<i>Electrophaea corylata</i> Thunberg	Broken barred carpet		1	1	3	1			2						Common
1776	Geometridae	<i>Colostygia pectinataria</i> Knoch	Green carpet	♣♣	20	65	68	33		1 ♀	21	1				RC(22/5)	Common
1777	Geometridae	<i>Hydriomena furcata</i> Thunberg	July highflyer	♣♣	10	2	4	12		3 ♀	3	8					Common
1778	Geometridae	<i>Hydriomena impluviata</i> Denis & Schiffermüller	May highflyer	♣♣♣		1											Common
1789	Geometridae	<i>Rheumaptera undulata</i> Linnaeus	Scallop shell	♣♣♣	1			Present 1/7/06		1 ♀							Local
1791	Geometridae	<i>Philereme vetulata</i> Denis & Schiffermüller	Brown scallop	♣♣	2		2	6		2 ♀							Local
1792	Geometridae	<i>Philereme transversata britannica</i>	Dark Umber					Present 1/7/06		2 ♀	1			SCF*(July)			Local
1795	Geometridae	<i>Epirrita dilutata</i> Denis & Schiffermüller	November moth agg.		3												Common
1797	Geometridae	<i>Epirrita autumnata</i> Borkhausen	Autumnal moth									1					Common

1803	Geometridae	<i>Perizoma alchemillata</i> Linnaeus	Small rivulet	◆◆◇		1	1	1			1						Common
1804	Geometridae	<i>Perizoma bifaciata</i> Haworth	Barred rivulet								1						Local
1807	Geometridae	<i>Perizoma albulata albulata</i> Denis & Schiffermüller	Grass rivulet											RE(May)			Local
1808	Geometridae	<i>Perizoma flavofasciata</i> Thunberg	Sandy carpet		1	1	5	3	1 ♀		2	4		SCF*/RE(May)			Common
1811	Geometridae	<i>Eupithecia tenuita</i> Hübner	Slender pug								1	2					Common
1812	Geometridae	<i>Eupithecia inturbata</i> Hübner	Maple pug		1	3		8				5					Local
1813	Geometridae	<i>Eupithecia haworthiata</i> Doubleday	Haworth's pug		1			1				1					Local
1817	Geometridae	<i>Eupithecia pulchellata</i> Stephens	Foxglove pug											present			Common
1819	Geometridae	<i>Eupithecia exiguata</i> Hübner	Mottled pug		4		8	11			2	7					Common
1825	Geometridae	<i>Eupithecia centaureata</i> Denis & Schiffermüller	Lime-speck pug		17		6	11	1 ♀			4		SCF*/RE(Aug)			Common
1830	Geometridae	<i>Eupithecia absinthiata</i> Clerck	Wormwood pug		5	2	2	2				2					Common
1832	Geometridae	<i>Eupithecia assimilata</i> Doubleday	Currant pug					2	Present			1					Common
1834	Geometridae	<i>Eupithecia vulgata</i> Haworth	Common pug	◆◆◇	1	4	10	9	1 ♀			2					Common
1835	Geometridae	<i>Eupithecia tripunctaria</i> Hensch-Schäffer	White spotted pug	◆◆◇	2			1				7		SCF*/RE(May)			Local
1837	Geometridae	<i>Eupithecia subfuscata</i> Haworth	Grey pug	◆◆◇	1	1	1				2	1					Common
1838	Geometridae	<i>Eupithecia icterata</i> Haworth	Tawny speckled pug	◆◆◇	23	5	6	11				1		SCF*/RE(Aug)			Common
1839	Geometridae	<i>Eupithecia succenturiata</i> Linnaeus	Bordered pug		7		3	2									Common
1846	Geometridae	<i>Eupithecia nanata</i> Prout	Narrow-winged pug			2	1	3									Common
1852	Geometridae	<i>Eupithecia abbreviata</i> Stephens	Brindled pug				1	1									Common
1853	Geometridae	<i>Eupithecia dodoneata</i> Guenée	Oak-tree Pug											RE(April)			Common
1854	Geometridae	<i>Eupithecia pusillata</i> Denis & Schiffermüller	Juniper pug									3					Local
1856	Geometridae	<i>Eupithecia lariciata</i> (Freyer)	Larch Pug											RE(July)			Common
1857	Geometridae	<i>Eupithecia tantillaria</i> Boisduval	Dwarf pug		1												Common
1858	Geometridae	<i>Chloroclystis V-ata</i> Haworth	V-pug			4	2	2	2 ♀		2			SCF*(July)			Common
1860	Geometridae	<i>Chloroclystis rectangulata</i> Linnaeus	Green pug		10	6	14	10	3 ♀		2	4					Common
1862	Geometridae	<i>Gymnoscelis ruffifasciata</i> Haworth	Double-striped pug		3	5	3	4	2 ♀		3	2					Common
1867	Geometridae	<i>Aplocera plagiata</i> Linnaeus	Treble-bar									2				RC(Sept)	Common
1868	Geometridae	<i>Aplocera eformata</i> Guenée	Lesser treble bar		4	20	37	20			11	5					Common
1874	Geometridae	<i>Euchoeca nebulata</i>	Dingy Shell					1	1 ♀								Local
1879	Geometridae	<i>Lobophora halterata</i> Hufnagel	Seraphim					1	Present		2						Local
1881	Geometridae	<i>Trichopteryx carpinata</i> Borkhausen	Early tooth-striped	◆◆◆				9	Present		4	4					Common
1882	Geometridae	<i>Pterapherapteryx sexalata</i> Retzius	Small seraphim	◆◆◆	26	25	22	42	7 ♀		3	4					Local
1883	Geometridae	<i>Acasis viretata</i> Hübner	Yellow barred brindle		1		1	2				1					Local
1887	Geometridae	<i>Lomaspius marginata</i> Linnaeus	Clouded border	◆◆◇	89	72	97	68	13 ♀		60	151					Common
1888	Geometridae	<i>Lomaspius adustata</i> Denis & Schiffermüller	Scorched carpet		3	2	3	1	1 ♀			1					Local
1893	Geometridae	<i>Macaria liturata</i>	Tawny-barred Angle					Present 1/7/06	1 ♀								Common
1894	Geometridae	<i>Chiasmia clathrata</i> Linnaeus	Latticed heath	◆◆◇		1											Common
1902	Geometridae	<i>Petrophora chlorosata</i> Scopoli	Brown silver line			1					1						Common
1904	Geometridae	<i>Plagodis dolabraria</i> Linnaeus	Scorched wing		1	2	2	2									Local
1906	Geometridae	<i>Opisthopteryx luteolata</i> Linnaeus	Brimstone		70	34	46	33	4 ♀		25	37					Common
1907	Geometridae	<i>Epione repandaria</i> Hufnagel	Bordered beauty	◆	2	6	2	1			4	12					Common
1910	Geometridae	<i>Apeira syringaria</i> Linnaeus	Lilac Beauty					2	Present		1						Local
1912	Geometridae	<i>Ennomos quercinaria</i> Hufnagel	August thorn			1		1				10					Local
1913	Geometridae	<i>Ennomos alniaria</i> Linnaeus	Canary shouldered thorn		25	9	11	19			4	2					Common
1914	Geometridae	<i>Ennomos fuscantaria</i> Haworth	Dusky thorn		24	10	12	22			8	1					Common
1915	Geometridae	<i>Ennomos erosaria</i> Denis & Schiffermüller	September thorn									1					Common
1917	Geometridae	<i>Selenia dentaria</i> Fabricius	Early thorn		4	10	3	9			1	2		SCF*/RE(April)			Common
1919	Geometridae	<i>Selenia tetralunaria</i> Hufnagel	Purple thorn	◆◆◇	1			2	Present			16					Common
1921	Geometridae	<i>Crocallis elingvaria</i> Linnaeus	Scalloped oak		13	11	8	11			3	4					Common
1922	Geometridae	<i>Ourapteryx sambucaria</i> Linnaeus	Swallow tailed		5	9	6	7	8 ♀		1	3		SCF*			Common
1923	Geometridae	<i>Colotois pennaria</i> Linnaeus	Feathered thorn											RE(Oct)			Common
1925	Geometridae	<i>Phigalia pilosaria</i> Denis & Schiffermüller	Pale brindled beauty													! SCF*/RE(Feb)	Common
1927	Geometridae	<i>Lycia hirtaria</i> Clerck	Brindled beauty											SCF*/RE(April)			Common
1930	Geometridae	<i>Biston strataria</i> Hufnagel	Oak beauty					2	Present								Common
1931	Geometridae	<i>Biston betularia</i> Linnaeus	Peppered		9	10	29	15	6 ♀		9	5					Common
1933	Geometridae	<i>Agriopsis aurantaria</i> Hübner	Scarce umber											SCF*/RE(Nov)			Common
1934	Geometridae	<i>Agriopsis marginaria</i> Fabricius	Dotted Border											SCF*			Common
1935	Geometridae	<i>Erannis defoliaria</i> Clerck	Mottled umber			1								RE(April)			Common
1936	Geometridae	<i>Menophra abruptaria</i> Thunberg	Waved umber					1	Present								Common
1937	Geometridae	<i>Peribatodes rhomboidaria</i> Denis & Schiffermüller	Willow beauty	◆◆◇	31	54	41	31	BC*/MT, 2 ♀		11	12					Common
1940	Geometridae	<i>Deileptenia ribeata</i> Clerck	Satin Beauty									1					Common
1941	Geometridae	<i>Alcis repandata</i> Linnaeus	Mottled beauty		38	17	38	44	4 ♀		15	13					Common
1943	Geometridae	<i>Boarmia roboraria</i> Denis & Schiffermüller	Great oak beauty		2									1 (June)			Nb
1944	Geometridae	<i>Serraca punctinilis</i> Scopoli	Pale oak beauty				5	1				2					Common
1947	Geometridae	<i>Ectropis bistortata</i> Goeze	Engrailed		2	6	17	26	2 ♀		4	6					Common
1949	Geometridae	<i>Paradarisa consonaria</i> Hübner	Square spot				1				1						Local
1952	Geometridae	<i>Ematurga atomaria</i> Linnaeus	Common heath				Present	Present	1 ♀								Common
1955	Geometridae	<i>Cabera pusaria</i> Linnaeus	Common white wave		9	18	23	8	4 ♀		13	10					Common
1956	Geometridae	<i>Cabera exanthemata</i> Scopoli	Common wave	◆◆◆	121	59	57	85	3 ♀		3	61					Common
1957	Geometridae	<i>Lomographa bimaculata</i> Fabricius	White pinion spotted			6	5	1									Common
1958	Geometridae	<i>Lomographa tenerata</i> Denis & Schiffermüller	Clouded silver		39	41	37	23	4 ♀		2	8		SCF*/RE(June)			Common
1960	Geometridae	<i>Theria primaria</i> Haworth	Early moth													! SCF*/RE(Feb)	Common
1961	Geometridae	<i>Campaea margaritata</i> Linnaeus	Light emerald		10	2	5	12	7 ♀		4	2					Common

1962	Geometridae	<i>Hylaea fasciaria</i> Linnaeus	Barred red																Common
1976	Sphingidae	<i>Sphinx ligustri</i> Linnaeus	Privet hawkmoth	◆◆◇		1	2	6		1 ♀		2							Common
1977	Sphingidae	<i>Hyloicus pinastri</i> Linnaeus	Pine hawkmoth									1							Local
1979	Sphingidae	<i>Mimas tiliae</i> Linnaeus	Lime hawkmoth			1	1												Common
1980	Sphingidae	<i>Smerinthus ocellata</i> Linnaeus	Eyed hawkmoth	◆◆◇		9	17	15	13	2 ♀		4						BC*	Common
1981	Sphingidae	<i>Laothoe populi</i> Linnaeus	Poplar hawkmoth	◆◆◇		69	42	121	93	BC*/RE, 3 ♀		25							Common
1984	Sphingidae	<i>Macroglossum stellatarium</i> Linnaeus	Hummingbird hawkmoth					Present											Common
1990	Sphingidae	<i>Hyles livornica</i> Esper	Striped hawkmoth						1	Present									Local
1991	Sphingidae	<i>Deilephila elpenor</i> Linnaeus	Elephant hawkmoth	◆◆◇		32	19	48	39	9 ♀		19							Common
1992	Sphingidae	<i>Deilephila porcellus</i> Linnaeus	Small elephant hawkmoth				1	3	1										SCF*(20/6)
1994	Notodontidae	<i>Phalera bucephala</i> Linnaeus	Buff tip			6	25	70	44	7 ♀		17							Common
1995	Notodontidae	<i>Cerura vinula</i> Linnaeus	Puss	◆◆◇				1	1			1							SCF*(larval stages)
1997	Notodontidae	<i>Fercula furcula</i> Clerck	Sallow kitten	◆◆◇		42	1	22	53			4							Common
1998	Notodontidae	<i>Fercula bilida</i> Brahm	Poplar kitten	◆◆◇		2		5				1							Local
1999	Notodontidae	<i>Stauropus fagi</i> Linnaeus	Lobster	◆◆◇				1	1										Common
2000	Notodontidae	<i>Notodontia dromedarius</i> Linnaeus	Iron prominent	◆◆◇		11	3	1	4										Common
2003	Notodontidae	<i>Eigmodonta ziczac</i> Linnaeus	Pebble prominent	◆◆◇		56	33	81	67	1 ♀		17							SCF*(June)
2006	Notodontidae	<i>Pheosia gnoma</i> Fabricius	Lesser swallow prominent	◆◆◇		4		1	5										Common
2007	Notodontidae	<i>Pheosia tremula</i> Clerck	Swallow prominent	◆◆◇		46	20	18	27			3							Common
2008	Notodontidae	<i>Ptilodon capucina</i> Linnaeus	Coxcomb prominent			3			4	2 ♀									Common
2011	Notodontidae	<i>Pterostoma palpina</i> Clerck	Pale prominent	◆◆◇		56	20	26	22	BC*, 1 ♀		15							Common
2014	Notodontidae	<i>Drymonia dodonaea</i> Denis & Schiffermüller	Marbled brown				1												Local
2015	Notodontidae	<i>Drymonia ruficornis</i> Hufnagel	Lunar marbled brown									1							Common
2019	Notodontidae	<i>Clostera curtula</i> Linnaeus	Chocolate tip	◆◆◇		1	1	6	8										SCF*/RE(May)
2026	Lymantriidae	<i>Orygia antiqua</i> Linnaeus	Vapourer	◆◆◇			2		2	2 ♀									Common
2027	Lymantriidae	<i>Dicallomera fascelina</i> Linnaeus	Dark tusssock																Local
2028	Lymantriidae	<i>Calliteara pudibunda</i> Linnaeus	Pale tusssock				1	9	6			3							Common
2029	Lymantriidae	<i>Euproctis chrysorrhoea</i>	Brown-tail						1	1 ♀									Local
2030	Lymantriidae	<i>Euproctis similis</i> Fuessly	Yellow tail			47	33	62	47	2 ♀		25							Common
2031	Lymantriidae	<i>Leucoma salicis</i> Linnaeus	White satin	◆		7	7	13	3	1 ♀		3							Local
2033	Lymantriidae	<i>Lymantria monacha</i> Linnaeus	Black arches			1			1										Local
2035	Arctiidae	<i>Thumatha senex</i> Hübner	Round winged muslin	◆◆◆		11	32	24	15	2 ♀		7							Local
2037	Arctiidae	<i>Mitochrista miniata</i> Förster	Rosy footman					1	2	2 ♀									Local
2038	Arctiidae	<i>Nudaria mundana</i> Linnaeus	Muslin footman									1							Local
2039	Arctiidae	<i>Atomis rubricollis</i>	Red-necked Footman					Present 1/7/06		1 ♀									Local
2040	Arctiidae	<i>Cybosia mesomella</i> Linnaeus	Four-dotted Footman																Local
2043	Arctiidae	<i>Eilema sororcula</i> Hufnagel	Orange footman				3		8			2							! RE
2044	Arctiidae	<i>Eilema griseola</i> Hübner	Dingy footman	◆◆◆		152	89	90	229			70							Common
2047	Arctiidae	<i>Eilema complana</i> Linnaeus	Scarce footman			19	9	32	25	1 ♀		6							Local
2049	Arctiidae	<i>Eilema depressa</i> Esper	Buff footman									1							Local
2050	Arctiidae	<i>Eilema lundeola</i> Zincken	Common footman	◆◆◇		93	105	142	84	3 ♀		47							Common
2057	Arctiidae	<i>Arctia caja</i> Linnaeus	Garden tiger	◆◆◇		6	8	5	6	2 ♀									AA(June)
2060	Arctiidae	<i>Spilosoma lubricipeda</i> Linnaeus	White ermine			27	44	65	28			9							Common
2061	Arctiidae	<i>Spilosoma luteum</i> Hufnagel	Buff ermine			57	44	45	21	4 ♀		19							SCF*/RE(June)
2063	Arctiidae	<i>Diaphora mendica</i> Clerck	Muslin				1	2	1			4							Common
2064	Arctiidae	<i>Phragmatobia fuliginosa</i> Linnaeus	Ruby tiger			41	17	12	16			3							Common
2068	Arctiidae	<i>Callimorpha dominula</i> Linnaeus	Scarlet tiger	◆◆◆			1	4	2	8 ♀									Local
2069	Arctiidae	<i>Tyria jacobaea</i> Linnaeus	Cinnabar			15	52	47	54	2 ♀		32							RC
2076	Nolidae	<i>Meganola albula</i>	Kent black arches																BC*(larvae)
2077	Nolidae	<i>Nola cucullatella</i> Linnaeus	Short cloaked			4	6	5	1	2 ♀		2							RE(July)
2078	Nolidae	<i>Nola confusalis</i> Herrich-Schäffer	Least black arches				1	1	3										SCF*/RE(May)
2081	Noctuidae	<i>Euxoa tritici</i> Linnaeus	White line dart																Common
2082	Noctuidae	<i>Euxoa nigricans</i> Linnaeus	Garden dart						2	2									Common
2087	Noctuidae	<i>Agrotis segetum</i> Denis & Schiffermüller	Turnip			121	64	66	26			5							Common
2088	Noctuidae	<i>Agrotis clavus</i> Hufnagel	Heart & club			15	3	36	78	30 ♀		9							Common
2089	Noctuidae	<i>Agrotis exclamations</i> Linnaeus	Heart & dart			268	215	223	368	3 ♀		138							Common
2091	Noctuidae	<i>Agrotis ipsilon</i> Hufnagel	Dark sword grass			28	2	4	8			2							SCF*
2092	Noctuidae	<i>Agrotis puta</i> Hübner	Shuttle shaped dart			81	30	47	46			17							Common
2098	Noctuidae	<i>Axylla putris</i> Linnaeus	Flame			177	125	152	61	9 ♀		27							Common
2102	Noctuidae	<i>Ochropleura plecta</i> Linnaeus	Flame shoulder			643	126	173	200	6 ♀		64							Common
2107	Noctuidae	<i>Noctua pronuba</i> Linnaeus	Large yellow underwing			990	440	887	759	2 ♀		112							Common
2109	Noctuidae	<i>Noctua comes</i> Hübner	Lesser yellow underwing			22	44	30	70	1 ♀		16							Common
2110	Noctuidae	<i>Noctua fimbriata</i> Schreber	Broad bordered yellow underwing			35	39	15	44	3 ♀		2							Common
2110a	Noctuidae	<i>Noctua janthina</i> Denis & Schiffermüller	Langmaid's yellow underwing						1	unconfirmed									Migrant
2111	Noctuidae	<i>Noctua janthe</i> Borkhausen	Lesser broad bordered yellow underwing			289	258	89	92			18							SCF*(July)
2112	Noctuidae	<i>Noctua interjecta</i> Schawerda	Least yellow underwing	◆◆◇		19	1	1	10			4							SCF*(April)(larva)
2114	Noctuidae	<i>Graphiphora augur</i> Fabricius	Double dart	◆◆◇		17	7	13	9	2 ♀									Common
2119	Noctuidae	<i>Peridroma saucia</i> Hübner	Pearly underwing			2	1		1										Common
2120	Noctuidae	<i>Diarsia mendica</i> Fabricius	Ingrailed clay			1	2	2				1							Common
2122	Noctuidae	<i>Diarsia brunnea</i> Denis & Schiffermüller	Purple clay			2													Common
2123	Noctuidae	<i>Diarsia rubi</i> Vieweg	Small square spot	◆◆◇		25	24	11	17			11							Common
2126	Noctuidae	<i>Xestia c-nigrum</i> Linnaeus	Setaceous hebrew character			451	388	214	320	1 ♀		40							BC*(Aug)
2127	Noctuidae	<i>Xestia ditrapezium</i> Denis & Schiffermüller	Triple spotted clay	◆		1						2							Local

2469	Noctuidae	<i>Scoliopteryx libatrix</i> Linnaeus	Herald	◆◆○	1	5		1	1 ♀	1	7					Common
2473	Noctuidae	<i>Laspeyria flexula</i> Denis & Schiffermüller	Beautiful hook tip		5	8	15	36	3 ♀	22	9		SCF*/RE(June)			Local
2474	Noctuidae	<i>Rivula sericealis</i> Scopoli	Straw dot	◆◆	124	90	75	92	BC*/RE, 3 ♀	25	59					Common
2475	Noctuidae	<i>Parascotia fuliginaria</i> Linnaeus	Waved black	◆w	3	2	1			3	1		SCF* (July)			Nb
2477	Noctuidae	<i>Hypena proboscidalis</i> Linnaeus	Snout	◆◆○	62	48	51	114	8 ♀	17	51					Common
2480	Noctuidae	<i>Hypena rostralis</i> Linnaeus	Butoned snout	◆◆○	Present	Present	larvae	Present 1/7/06	♀	Present	Present					Nb
2484	Noctuidae	<i>Shrankia costaestrigalis</i> Stephens	Pinion streaked snout	◆◆			8	65		4	16					Local
2485	Noctuidae	<i>Hypenodes humidalis</i> Doubleday	Marsh Oblique-barred							1						Nb
2489	Noctuidae	<i>Herminia tarsipennalis</i> Treitschke	Fanfoot		4	4	3	2	2 ♀	1	3					Common
2492	Noctuidae	<i>Herminia grisealis</i> Denis & Schiffermüller	Small Fan-foot		1		2	1	2 ♀		1		SCF*/RE(June)			Common

MACRO MOTH LIGHT TRAPPING DATA ANALYSIS (See separate spreadsheet for subsequent years)							
TOTAL ANNUAL ABUNDANCE	14819	5763	6363	7351		1768	3264
CUMULATIVE ABUNDANCE	14819	20582	26945	34296		36064	39328
CUMULATIVE SPECIES 2003-8	220	252	268	300		314	326
ANNUAL SPECIES RICHNESS	220	207	212	247		176	221

Status	
	392
Local	89
Nb	20
Na	0
RDB3	0
RDB2	0
Migrant	8
Total	509
UKBAP	0

Total micromoths 130
Total macromoths 379

Macromoths	
Hepialidae	4
Cossidae	1
Zygaenidae	2
Limacodidae	0
Sesiidae	7
Lasiocamp	1
Saturniidae	0
Drepanidae	4
Thyatiridae	5
Geometridae	127
Sphingidae	9
Notodontid	14
Thaumetop	0
Lymantriid	7
Arctiidae	17
Ctenuchida	0
Nolidae	3
Noctuidae	178
Total	379

Micromoths	
Momphidae	2
Eriocraniid	0

Nepticulida	1
Opostegida	0
Tischeriida	1
Incurvariida	2
Prodoxidae	0
Adelidae	0
Heliozelida	0
Psychidae	0
Tineidae	0
Bucculatric	0
Roeslersta	0
Gracillariid	7
Choreutida	1
Glyphipter	0
Heliodinida	0
Yponomeu	8
Lyonetiidae	0
Coleophori	8
Elachistida	0
Oecophoric	7
Ethmiidae	0
Gelechiida	2
Autostichid	0
Blastobasic	1
Batrachedr	0
Cosmopter	2
Scythridida	0
Tortricidae	45
Epermeniic	0
Schreckenk	0
Alucitidae	1
Crambidae	23
Pyralidae	15
Pterophoric	4
Endromida	0
Total	130

Butterflies

Recorded by Oxon BRC 1998, with 2005/06 additions by Bob Eeles (*), Martin Townsend (♫) and David Guyoncourt (**). ! denotes new records, 2011 onwards.

SCIENTIFIC NAME	COMMON NAME		2003	2005	2006			2009	2010	2011	2012	UKBAP
BUTTERFLIES												
<i>Aglais urticae</i>	Small tortoiseshell ♫	Common	DG		MT				BC2			
<i>Anthocharis cardamines</i>	Orange tip ♫	Common		BC	MT			Commonly seen			RC	
<i>Aphantopus hyperantus</i>	Ringlet**	Common	DG	Commonly seen				Commonly seen				
<i>Argynnis paphia</i>	Silver-washed Fritillary	Common									!VS(15/7)	
<i>Aricia agestis</i>	Brown argus**	Common	DG								RC(1/9)	
<i>Artogeia napi = Pieris napi</i>	Green-veined white ♫	Common		BC*	MT						RC(22/7)	
<i>Artogeia rapae = Pieris rapae</i>	Small white*	Common	DG	BC*	MT							
<i>Celastrina argiolus</i>	Holly blue*	Common	DG	LP*/BC								
<i>Coenonympha pamphilus</i>	Small heath	Common										Y
<i>Colias croceus</i>	Clouded yellow*	Common	DG		RE, EU			RE				
<i>Cupido minimus</i>	Small blue	Common									!IS(28/5)	Y
<i>Cynthia cardui</i>	Painted lady	Common	DG		DG, RE			Large numbers				
<i>Gonepteryx rhamni</i>	Brimstone ♫	Common		Commonly seen				Commonly seen			RC	
<i>Inachis io</i>	Peacock ♫	Common	DG		MT				BC2		RC(1/4); IS(28/5)	
<i>Lycaena phlaeas</i>	Small copper	Common			DG, RE			SCF*				
<i>Maniola jurtina</i>	Meadow brown	Common		Commonly seen				Commonly seen			RC	
<i>Melanargia galathea</i>	Marbled white ♫	Common			BC*, MT					BC*		
<i>Ochlodes venatus</i>	Large skipper** ♫	Common	DG		RE						RC(22/7)	
<i>Pararge aegeria</i>	Speckled wood ♫	Common	DG	BC*	MT			Commonly seen				
<i>Pieris brassicae</i>	Large white ♫	Common		Commonly seen				Commonly seen				
<i>Polygonia c-album</i>	Comma	Common		LP*/BC							RC(1/4)	
<i>Polyommatus icarus</i>	Common blue	Common		Commonly seen				Commonly seen			RC	
<i>Pyrgus malvae</i>	Grizzled skipper	Common								!WB*		Y
<i>Pyronia tithonus</i>	Gatekeeper	Common		Commonly seen				Commonly seen			RC	
<i>Thymelicus lineola</i>	Essex skipper*	Common		LP*/BC	RE							
<i>Thymelicus sylvestris</i>	Small skipper	Common	DG		RE					BC*		
<i>Vanessa atalanta</i>	Red admiral	Common			DG, EU						RC	

Common	27
Local	0
Nb	0
Na	0
RDB3	0

RDB2	0
Total	27

Hymenoptera

Most Hymenoptera records are aculeates recorded by Ivan Wright up to July 2006 with additions by Bob Eeles (RE), Basil Crowley (BC), Martin Townsend/Ivan Wright (MT/IW) and Richard Comont (RC) . (Colour indicates conservation status as below. ! denotes new records, 2011 onwards.)

APOCRITA	ACULEATA	SCIENTIFIC NAME	COMMON NAME		2005	2006	2007	2008	2009	2010	2011	2012	2013	
		<i>Agenioideus cinctellus</i>	Spider hunting wasp	Common	IW									
		<i>Ammophila sabulosa</i>	A solitary wasp	Local	IW									
		<i>Ancistrocerus gazella</i>	A mason wasp	Common	IW									
		<i>Andrena bicolor</i>	A mining bee	Common	IW									
		<i>Andrena apicata</i>	A mining bee	Nb	IW									
		<i>Andrena carantonica</i>	A mining bee	Common								!RC(5/5)		
		<i>Andrena chrysoseles</i>	A mining bee	Local		IW								
		<i>Andrena cineraria</i>	A mining bee	Common							! BC*(April)	JC, RC		
		<i>Andrena clarkella</i>	A mining bee	Common		IW								
		<i>Andrena dorsata</i>	A mining bee	Local		MT/IW								
		<i>Andrena flavipes</i>	A mining bee	Local	IW							RC(1/4)		
		<i>Andrena fucata</i>	A mining bee	Local		IW								
		<i>Andrena haemorrhhoa</i>	A mining bee	Common		IW						RC(1/4)		
		<i>Andrena labialis</i>	A mining bee	Local		IW								
		<i>Andrena minutula</i>	A mining bee	Common	IW									
		<i>Andrena nigroaenea</i>	A mining bee	Common	IW							RC(5/5)		
		<i>Andrena nitida</i>	A mining bee	Common		IW						RC(1/4)		
		<i>Andrena praecox</i>	A mining bee	Local		IW								
		<i>Andrena scotica</i>	A mining bee	Common								!RC(5/5)		
		<i>Andrena subopaca</i>	A mining bee	Common		IW								
		<i>Anoplius caviventris</i>	A spider-hunter wasp	Nb	IW									
		<i>Anoplius infuscatus</i>	A spider-hunter wasp	Local	IW									
		<i>Anoplius nigerimus</i>	A spider-hunter wasp	Local	IW									
		<i>Anthidium manicatum</i>	Wool carder bee	Common								!RC(22/7)		
		<i>Anthophora plumipes</i>	Hairy-footed flower bee	Common		IW						RC(1/4)		
		<i>Apis mellifera</i>	Honey bee	Common	IW							RC(1/4)		
		<i>Arachnospila anceps</i>	A spider-hunter wasp	Local	IW									
		<i>Arachnospila minutula</i>	A spider-hunter wasp	Nb	IW									
		<i>Argogonytes mystaceus</i>	Field digger wasp	Local		BC*(22/6); IW								
		<i>Bombus barbutellus</i>	A cuckoo bee	Common	IW									
		<i>Bombus bohemicus</i>	A cuckoo bee	Common								!RC(1/4)		
		<i>Bombus campestris</i>	A cuckoo bee	Common	IW									
		<i>Bombus hortorum</i>	A bumble-bee	Common	IW							RC(19/5)		
		<i>Bombus hypnorum</i>	Tree bumble-bee	Immigrant	First recorded in Britain in 2001.							!RC(1/4)	BC*(4/7) colony in Sandles	
		<i>Bombus lapidarius</i>	Red-tailed bumble-bee	Common	IW							RC(1/4)		
		<i>Bombus lucorum</i>	White-tailed bumble-bee	Common	IW									
		<i>Bombus pascuorum</i>	A bumble-bee	Common	BC*(31/7); IW							RC(5/5)		
		<i>Bombus pratorum</i>	A bumble-bee	Common		MT/IW						RC(5/5)		
		<i>Bombus rupestris</i>	A cuckoo bee	Nb	BC*(2/8)							RC(5/5,19/5)		
		<i>Bombus terrestris</i>	A bumble-bee	Common	IW							RC(1/4)		
		<i>Bombus vestalis</i>	A cuckoo bee	Common	IW							RC(5/5)		
		<i>Caliadurgus fasciatellus</i>	A spider-hunter wasp	Local	IW									
		<i>Cerceris quinquefasciata</i>	5-banded-tail digger wasp	RDB3	IW									
		<i>Cerceris rybyensis</i>	Ornate-tailed digger wasp	Local		MT/IW								
		<i>Chrysis angustula</i>	A ruby-tailed wasp	Common	IW									
		<i>Crabro cribrarius</i>	A digger wasp	Local	IW									
		<i>Crossocerus elongatulus</i>	Slender digger wasp	Common	IW									
		<i>Diodontus luperus</i>	A digger wasp	Local	IW									

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		<i>Philanthus triangulum</i>	Bee-killer wasp (pRDB4)	RDB2	IW																80	
		<i>Priocnemis agilis</i>	A spider-hunter wasp	Nb	IW																	
		<i>Priocnemis exaltata</i>	A spider-hunter wasp	Local	IW																	
		<i>Priocnemis parvula</i>	A spider-hunter wasp	Local	IW																	
		<i>Pseudomalus auratus</i>	A cuckoo wasp	Common	IW																	
		<i>Rhopalum coarctatum</i>		Local		MT/IW																
		<i>Sphecodes crassus</i>	A cuckoo bee	Nb	IW																	
		<i>Sphecodes ephippius</i>	A cuckoo bee	Common	IW																	
		<i>Sphecodes hyalinatus</i>	A cuckoo bee	Common	IW																	
		<i>Sphecodes longulus</i>	A cuckoo bee	Na	IW																	
		<i>Sphecodes monilicornis</i>	A cuckoo bee	Local	IW																	
		<i>Sphecodes niger</i>	A cuckoo bee	RDB3	IW																	19
		<i>Sphecodes puncticeps</i>	A cuckoo bee	Local	IW																	
		<i>Stelis ornatula</i>	A bee	RDB3	IW																	16
		<i>Stigmus solskyi</i>		Local		MT/IW																
		<i>Tachysphex pompiliformis</i>	A digger wasp	Local	IW																	
		<i>Tiphia femorata</i>	A solitary wasp	Local	IW																	
		<i>Trypoxylon attenuatum</i>	Slender wood borer wasp	Common	IW																	
		<i>Trypoxylon clavigerum</i>	Club horned wood borer wasp	Common	IW																	
		<i>Trypoxylon figulus</i>		Common		IW																
		<i>Trypoxylon medium</i>	A digger wasp	Common	IW																	
		<i>Vespa crabro</i>	Hornet*	Local																		
		<i>Vespa germanica</i>	German wasp	Common	IW																	
		<i>Vespa vulgaris</i>	Common wasp	Common	IW																	SCF*
	PARASITICA																					
	Ichneumonidae	<i>Ichneumonidae</i> fa.	Ichneumon flies	Common	BC*	BC, IW																
	Cynipidae	<i>Andricus kollari</i>	Marble gall on oak	Common																		RE
		<i>Andricus quercuscalis</i>	Knopper gall on oak	Common																		RE
		<i>Biorhiza pallida</i>	Oak apple gall	Common																		RE
		<i>Cynips quercusfolii</i>	Cherry gall on oak	Common																		RE
		<i>Diplolepis rosae</i>	Robin's pincushion gall wasp#	Common	BC*	BC, IW																RC(9/9)
		<i>Liposthenus glechomae</i>	A gall wasp#	Common	BC*																	
		<i>Neuroterus numismalis</i>	Silk button gall on oak	Common																		RE
		<i>Neuroterus quercusbaccarum</i>	Common spangle gall on oak	Common																		RE
	Braconidae	<i>Dinocampus coccinellae</i>	A parasitic wasp	Common																		!RC(13/10) !RC(5/5)
SYMPHYTA	SYMPHYTA																					
		<i>Allantus calceatus</i>	A sawfly ♀	Common		MT/IW																
		<i>Athalia rosae</i>	Turnip sawfly	Common																		BC*
		<i>Cimbex connatus</i>	A club-horned sawfly	DD																		JC/DM Note 1
		<i>Macrophya rufipes</i>	A sawfly ♀	Common		MT/IW																
		<i>Pontania pedunculii</i>	A sawfly	Common																		!RC(9/9)
		<i>Pontania proxima</i>	A sawfly	Common																		!RC(1/9)
		<i>Profenusa pygmaea</i>	A sawfly	Common																		!RC(13/10)
		<i>Rhogogaster viridus</i>	A sawfly	Common																		!RC(22/5)
		<i>Tenthredo livida</i>	A sawfly	Common																		!BC*(6/6)
		<i>Tenthredo mesomelas</i>	A sawfly	Common																		BC*
		<i>Tenthredo arcuata</i>	A sawfly*	Common	RE																	
		<i>Pontania proxima</i>	Kidney bean gall on willow	Common																		RE

Note 1 Very rare in UK. (Thought extinct until 1997). No actual conservation status, but put in RDB3 category on account

Common	86
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Local	41
Nb	10
Na	6
RDB3	3
RDB2	1
RDB1	1
DD	1
Immigrant	1
Total	150

non-aculeates 16

UKBAP	1
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Other Insects

Oxon BRC data, up to 1998, with later additions by David Guyoncourt(**), Bob Eeles(*), Basil Crowley(#), Penny Williams (•), Wayne Bull(†) and Linda Losito(^), Jacqueline Wright/ Darren Mann(♥), Martin Townsend (♯) and Steve Gregory (♠). New 2006 data from John Ismay (JI) and Barbara Schulten (BS) (Colour indicates conservation status as follows: **RDB2** , **RDB3** , **Na**, **Nb** , **N**, **local**) ! denotes new records, 2011 onwards.

	SCIENTIFIC NAME	COMMON NAME			2005	2006	2007	2008	2009	2010	2011	2012	2013
DERMAPTERA													
	<i>Forficula auricularia</i>	Common earwig	Common					SCF*				RC	
DIPTERA													
	Asilidae	<i>Chorades marginata</i>		no status					Eco				
	Asilidae	<i>Dioctria rufipes</i>		common		JI/BS							
	Asilidae	<i>Leptogaster cylindrica</i>		common		JI/BS							
	Agromyzidae	<i>Phytomyza ilicis</i>	Leaf miner on holly	common				RE					
	Agromyzidae	<i>Phytomyza spondylii</i>	Leaf miner on common hogweed	common				RE					
	Bibionidae	<i>Bibio anglicus</i>		common		JI/BS							
	Bibionidae	<i>Dilophus febrilis</i>		common		JI/BS							
	Bombyliidae	<i>Bombylius major</i>	Bee-fly*	common		RE/BC, LP*						RC(1/4)	
	Cecidomyiidae	<i>Dasineura ulmariae</i>	Meadowsweet gall midge	common				RE					
	Cecidomyiidae	<i>Dasineura urticae</i>	Nettle gall midge	common								!RC	
	Chaoboridae	<i>Chaoborus</i> sp.	Phantom midge	common									
	Chironomidae	<i>Chironominae</i> sfa.	Non-biting midge	common						BC*			
	Chloropidae	<i>Dicraeus vagans</i>		common		JI/BS							
	Chloropidae	<i>Elachiptera brevipennis</i>		no status	wetland	JI/BS							
	Chloropidae	<i>Incertella zuercheri</i>		no status	wetland	JI/BS							
	Chloropidae	<i>Oscinella frit</i>		common		JI/BS							
	Chloropidae	<i>Thaumatomyia notata</i>		common		JI/BS							
	Chloropidae	<i>Tricimba cincta</i>		common		JI/BS							
	Conopidae	<i>Conops quadrifasciatus</i>	a thick-headed fly	common							! BC*		
	Culicidae	<i>Culicidae</i> fa.		common		BC							
	Dolichopodidae	<i>Chrysotus blepharosceles</i>		common		JI/BS							
	Dolichopodidae	<i>Chrysotus gramineus</i>		common		JI/BS							
	Dolichopodidae	<i>Poecilobothrus nobilitatus</i>		common					BC*				
	Empididae	<i>Empis aestiva</i>		common		JI/BS							
	Empididae	<i>Empis chioptera</i>		common		JI/BS							
	Empididae	<i>Empis nuntia</i>		common		JI/BS							
	Empididae	<i>Empis tessellata</i>		common		JI/BS							
	Empididae	<i>Empis trigramma</i>		common		JI/BS							
	Empididae	<i>Rhamphomyia atra</i>		common		JI/BS							
	Ephydriidae	<i>Ditrichophora calceata</i>		common		JI/BS							
	Ephydriidae	<i>Ditrichophora palliditarsis</i>		unknown		JI/BS							
	Ephydriidae	<i>Hydrellia argyrogenis</i>		scarce		JI/BS							
	Hybotidae	<i>Leptozepe flavipes</i>		common		JI/BS							
	Hybotidae	<i>Platypalpus annulipes</i>		common		JI/BS							
	Hybotidae	<i>Platypalpus candicans</i>		common		JI/BS							
	Hybotidae	<i>Platypalpus longiseta</i>		common		JI/BS							
	Hybotidae	<i>Platypalpus pallidiventris</i>		common		JI/BS							
	Lauxaniidae	<i>Minettia longipennis</i>		common		JI/BS							
	Lauxaniidae	<i>Minettia rivosa</i>		common		JI/BS							
	Lauxaniidae	<i>Sapromyza quadripunctata</i>		uncommon		JI/BS							
	Lauxaniidae	<i>Tricholauxania praeusta</i>		common		JI/BS							
	Lonchopteridae	<i>Lonchoptera lutea</i>		common		JI/BS							
	Muscidae	<i>Coenosia humilis</i>	A tiger fly	unknown		JI/BS							

	Tabanidae	<i>Haematopota pluvialis</i>		common			Jl/BS							
	Tephritidae	<i>Campiglossa malaris</i>	A picture-winged fly	no status					Eco					
	Tephritidae	<i>Urophora stylata</i>	A thistle stem gall fly	common			Jl/BS							
	Tephritidae	<i>Urophora cardui</i>	A thistle stem gall fly	common					RE				RC(9/9)	
	Tipulidae	<i>Nephrotoma quadrifarea</i>	A tiger crane fly	common			Jl/BS							BC*(6/6)
	Tipulidae	<i>Tipula oleracea</i>	A crane fly#	Common				BC*						
EPHEMEROPTERA		<i>Ephemera lineata</i>	A mayfly*	RDB2				RE, RE/CM	RE					
		<i>Cloeon dipterum</i>	A mayfly*	Common				RE/CM						
		<i>Serratella ignita</i>	A mayfly*	Common				RE/CM						
		<i>Caenis horaria</i>	A mayfly*	Common				RE/CM						
		<i>Cloeon simile</i>	A mayfly*	Common				RE/CM						
		<i>Caenis luctuosa</i>	A mayfly*	Common				RE/CM						
		<i>Centroptilum luteolum</i>	A mayfly*	Common				RE/CM						
MEGALOPTERA		<i>Sialis lutaria</i>	Alderfly#	Common				BC*						
MECOPTERA		<i>Panorpa communis</i>	A scorpion fly	Common				RE	SG					
TRICHOPTERA	Leptoceridae	<i>Leptoceridae</i> fa.	Various long-horned caddis flies	Common					BC*					
	Leptoceridae	<i>Mystacides longicornis</i>	Red-eyed caddis fly	Common					BC*				RC(9/9)	
	Leptoceridae	<i>Mystacides azurea</i>	Black Silverhorn caddis fly	Common										SCF*(27/7)
	Limnephilidae	<i>Limnephilus</i> sp.	A caddis fly	Common									SCF*	
	Phryganeidae	<i>Phryganea grandis</i>	A caddis fly	Common									BC*	
	Sericostomatida	<i>Sericostomatidae</i> fa.	A caddis fly	Common					BC*					
		<i>Tinodes</i> sp.	A free-swimming caddis♦	Common				PW						

Common	99
Local	4
N/uncommon	4
Nb/rare	0
Na/scarce	1
RDB3	0
RDB2	1
No status	5
unknown	4
Total	118

Arachnida

Oxon BRC data, up to 1998, with later additions by David Guyoncourt(**), Bob Eeles(*), Basil Crowley(#), Penny Williams (♦), Wayne Bull(†) and Linda Losito(^), Jacqueline Wright/ Darren Mann (♥), Martin Townsend (♯) and Steve Gregory (♪). (Colour indicates conservation status as follows: RDB2 , RDB3 , Na, Nb , local. ! denotes new records, 2011 onwards.)

ARACHNIDA				2005	2006	2007	2008	2009	2010	2011	2012	2013
Araneae												
Agelenidae	<i>Agelena labyrinthica</i>	A spider#	Common	BC*								
Agelenidae	<i>Cicurina cicur</i>	A spider♪	Local	SG								
Araneidae	<i>Araneus diadematus</i>	A spider#	Common	BC*							RC	
Araneidae	<i>Araneus quadratus</i>	A spider	Common					SCF*				
Araneidae	<i>Araniella</i> sp.	A spider	Common					SCF*				
Araneidae	<i>Nuctenea umbratica</i>	A spider#	Common	BC*								
Gnaphosidae	<i>Drassodes cupreus</i>	A spider♪	Local	SG								
Gnaphosidae	<i>Drassyllus pusillus</i>	A spider	Local		DG/SG							
Gnaphosidae	<i>Zelotes latreillei</i>	A spider	Local		DG/SG							
Hahniidae	<i>Hahnina nava</i>	A spider	Local		RE/SG, DG/SG							
Linyphiidae	<i>Bathypantes gracilis</i>	A spider♪	Common	SG								
Linyphiidae	<i>Bathypantes parvulus</i>	A spider	Common		DG/SG							
Linyphiidae	<i>Centromerus sylvaticus</i>	A spider	Common		DG/SG							
Linyphiidae	<i>Gongylidiellum vivum</i>	A spider	Common		RE/SG							
Linyphiidae	<i>Hylyphantes graminicola</i>	A spider	Local		RE/SG							
Linyphiidae	<i>Lepthyphantes pallidus</i>	A spider	Local		DG/SG							
Linyphiidae	<i>Linyphia</i> sp.	A spider#	Common	BC*								
Linyphiidae	<i>Maso sundevalli</i>	A spider	Common		DG/SG							
Linyphiidae	<i>Micrargus herbigradus</i>	A spider	Common		RE/SG, DG/SG							
Linyphiidae	<i>Microlinyphia impigra</i>	A spider#	Common	BC*								
Linyphiidae	<i>Monocephalus fuscipes</i>	A spider	Common		DG/SG							
Linyphiidae	<i>Neriere clathrata</i>	A spider	Common		RE/SG							
Linyphiidae	<i>Panamomops sulcifrons</i>	A spider♪	Local		SG							
Linyphiidae	<i>Pocadicnemis juncea</i>	A spider	Common		RE/SG, DG/SG							
Liocranidae	<i>Phrurolithus festivus</i>	A spider	Common		DG/SG							
Lycosidae	<i>Arctosa leopardus</i>	A spider	Local		BC*							
Lycosidae	<i>Alopecosa pulverulenta</i>	A spider	Common		DG/SG							
Lycosidae	<i>Pardosa amentata</i>	A spider	Common		DG/SG					BC*		
Lycosidae	<i>Pardosa nigriceps</i>	A spider	Common	BC* (uncor								
Lycosidae	<i>Pardosa prativaga</i>	A spider	Common		RE/SG, DG/SG							
Lycosidae	<i>Pardosa pullata</i>	A spider	Common		RE/SG, DG/SG							
Lycosidae	<i>Pirata hygrophilus</i>	A spider	Common		DG/SG							
Lycosidae	<i>Pirata latitans</i>	A spider	Local		RE/SG							
Lycosidae	<i>Trochosa ruricola</i>	A spider♪	Common	SG								
Lycosidae	<i>Trochosa terricola</i>	A spider	Common		DG/SG							
Pisauridae	<i>Pisaura mirabilis</i>	A spider#	Common	BC*	DG/SG						RC	
Salticidae	<i>Euophrys frontalis</i>	A spider	Common		RE/SG, DG/SG							
Salticidae	<i>Salticus scenicus</i>	A spider	Common								RC(1/4)	

Tetragnathidae	<i>Pachygnatha clercki</i>	A spider	Common		DG/SG								
Tetragnathidae	<i>Pachygnatha degeeri</i>	A spider	Common		RE/SG								
Tetragnathidae	<i>Tetragnatha montana</i>	A spider#	Local	BC*	BC, RE/SG								
Tetragnathidae	<i>Meta mengei</i>	A spider	Common										!BC*(6/6)
Tetragnathidae	<i>Meta segmentata</i>	A spider	Common						BC*				
Theridiidae	<i>Anelosimus vittatus</i>	A spider	Common		RE/SG								
Theridiidae	<i>Enoplognatha ovata</i>	A spider#	Common	BC*/SG									
Theridiidae	<i>Episinus angulatus</i>	A spider	Local		RE/SG								
Theridiidae	<i>Theridion varians</i>	A spider	Common		RE/SG								
Thomisidae	<i>Ozyptila brevipes</i>	A spider	Local		RE/SG								
Thomisidae	<i>Philodromus cespitum</i>	A spider	Common										!BC*(6/6)
Thomisidae	<i>Xysticus ulmi</i>	A spider	Local		DG/SG								
Thomisidae	<i>Xysticus kochi</i>	A spider	Local		RE/SG								
Zoridae	<i>Zora spinimana</i>	A spider	Common		RE/SG								
Opiliones													
	<i>Dicranopalpus ramosus</i>	A harvestman	Common										!IRC
	<i>Leiobunum rotundum</i>	A harvestman#	Common	BC*									
	<i>Mitopus morio</i>	A harvestman	Common	BC									
	<i>Nemastoma bimaculatum</i>	A harvestman♫	Common		SG								
	<i>Oligolophus tridens</i>	A harvestman	Common										
	<i>Opilio saxatilis</i>	A harvestman	Common										
	<i>Paroligolophus agrestis</i>	A harvestman	Common	BC*									
	<i>Phalangium opilio</i>	A harvestman	Common										
	<i>Rilaena triangularis</i>	A harvestman	Common										
Pseudoscorpiones													
	<i>Chernes cimicoides</i>	A false scorpion	Common										
Acari													
	<i>Aceria aceriscampestris</i>	Red pustule Maple gall mite	Common						RE				
	<i>Aceria macrochelus</i>	Field Maple gall mite	Common						RE				
	<i>Aceria macrorhyncha</i>		Common										RC(9/9)
	<i>Aceria myriadeum</i>		Common										RC(1/9)
	<i>Aceria ulmicola</i>	Elm pustule gall mite	Common						RE				
	<i>Aculodes cephaloneus</i>	Maple gall mite#	Common	BC*									
	<i>Dasineura ulmariae</i>	Meadowsweet gall mite	Common						RE				
	<i>Eriophyes inangulis</i>	Vein angle gall mite on alder	Common						RE				
	<i>Eriophyes laevis</i>	Blister gall mite on alder	Common						RE				
	<i>Eriophyes tiliae</i>	Lime nail gall mite	Common						RE				

Common	57
Local	15
Nb	0
Na	0

RDB3	0
RDB2	0
Total	72

Isopoda Diplopoda Chilopoda Crustacea

Taxons recorded by Steve Gregory using pitfall trapping in May/June 2006

	SCIENTIFIC NAME	COMMON NAME		2005	2006	2007	2008	2009	2010	2011	2012	2013
	ISOPODA											
	<i>Androniscus dentiger</i>	A woodlouse	Common									
Armadillidiidae	<i>Armadillidium vulgare</i>	Common pill woodlouse	Common		SG, DG/SG						RC	
	<i>Oniscus asellus</i>	A woodlouse	Common								RC(5/5)	
Philosciidae	<i>Philoscia muscorum</i>	A woodlouse	Common		RE/SG, DG/SG						RC(9/9)	
	<i>Porcellio scaber</i>	A woodlouse	Common								RC	
Trachelipidae	<i>Trachelipus rathkei</i>	A woodlouse	Local		SG, DG/SG							
	<i>Trichoniscoides albidus</i>	A woodlouse	Nb		SG							
Trichoniscidae	<i>Trichoniscus pusillus</i>	A woodlouse	Common		SG, RE/SG							
	DIPLOPODA											
Polydesmidae	<i>Brachydesmus superus</i>	A millipede	Common		DG/SG							
Julidae	<i>Brachyiulus pusillus</i>	A millipede	Common		DG/SG							
Julidae	<i>Cylindroiulus caeruleocinctus</i>	A millipede	Local		DG/SG							
	<i>Cylindroiulus punctatus</i>	Blunt-tailed snake millipede	Common									
Glomeridae	<i>Glomeris marginata</i>	Pill millipede	Common		DG/SG							
	<i>Nanogona polydesmoides</i>	A flat-backed millipede	Common									
Julidae	<i>Ophiulus pilosus</i>	A millipede	Common		DG/SG							
Polydesmidae	<i>Polydesmus angustus</i>	A millipede	Common		RE/SG							
Polydesmidae	<i>Polydesmus gallicus</i>	A millipede	Common		DG/SG							
Julidae	<i>Tachypodoiulus niger</i>	A millipede	Common		DG/SG						RC(19/5)	
	CHILOPODA											
	<i>Lamyctes fulvicornis</i>	A centipede	Common									
	<i>Lithobius forficatus</i>	A centipede	Common		DG/SG						RC(19/5)	
	<i>Lithobius melanops</i>	A centipede	Common									
	<i>Lithobius microps</i>	A centipede	Common		SG							
	<i>Stigmatogaster subterranea</i>	Western Yellow Centipede	Common									RC/BC*(27/5)
	CRUSTACEA											
	<i>Crangonyx pseudogracilis</i>	An introduced shrimp*	Common	RE								
	<i>Gammarus duebeni</i>	A shrimp*	Common	RE								
	<i>Ostracoda</i> fa	Ostracod (abundant, unidentified)	Common	RE								

Local	2
Nb	1
Na	0
RDB3	0
RDB2	0
Total	26

Other invertebrates

Oxon BRC data, up to 1998, with later additions by, Bob Eeles(*), Penny Williams (♦). Colour indicates conservation status as follows: (Colour indicates conservation status as follows: RDB2 , RDB3 , Na, Nb , Local)

	SCIENTIFIC NAME	COMMON NAME		2005	2006	2007	2008	2009	2010	2011	2012
MOLLUSCA											
	<i>Anisus leucostoma</i>	Button ram's horn snail*	Common	RE							
	<i>Anisus vortex</i>	Whirlpool ram's horn snail*	Common	RE							
	<i>Anodonta anatina</i>	Duck mussel* (empty shells)	Common	RE							
	<i>Anodonta cygnea</i>	Swan mussel*	Common	RE							
	<i>Arion intermedius</i>	Hedgehog slug	Common								
	<i>Arion subfuscus</i>	Dusky slug	Common								
	<i>Bithynia tentaculata</i>	Common Bithynia (snail)*	Common	RE							
Helicidae	<i>Candidula intersecta</i>		Local		RE/SG						
	<i>Cepaea hortensis</i>	White lipped snail#	Common	BC*							RC
	<i>Cepaea nemoralis</i>	Brown lipped snail	Common								RC
	<i>Cincinna (Valvata) piscinalis</i>	Common valve snail*	Common	RE							
Cochlicopidae	<i>Cochlicopa lubrica</i>	Slippery moss snail*	Common	RE	RE/SG						
Limacidae	<i>Deroceras laeve</i>	Netted slug	Common		RE/SG						
	<i>Deroceras reticulatum</i>	A slug	Common		RE/SG						
Endodontidae	<i>Discus rotundatus</i>	Radiated snail*	Common	RE							
	<i>Cornu aspersum = Helix aspersa</i>	Common garden snail*	Common	RE							RC
	<i>Limax maximus</i>	Great grey slug	Common								RC
	<i>Lymnaea auricularia</i>	Ear pond snail*	Common	RE, BC*							
	<i>Lymnaea peregra</i>	Wandering pond snail	Common	RE/BC*/AN							
	<i>Lymnaea stagnalis</i>	Great pond snail*	Common	RE, BC*							
	<i>Milax budapestensis</i>	Budapest slug	Common								
Helicidae	<i>Monacha cantiana</i>	Kentish snail	Common		RE/SG						RC
	<i>Oxyloma pfeifferi</i>	Pfeiffer's amber snail*	Common	RE							
	<i>Pisidium</i> spp.	Seed shrimps. Several species*	Common								
	<i>Planorbarius corneus</i>	Great ramshorn snail*	Common	RE					BC*(shell)		
	<i>Planorbis carinatus</i>	Keeled ram's horn snail*	Common	RE							
	<i>Planorbis planorbis</i>	Margined ram's horn snail*	Common	RE							
	<i>Potamopyrgus antipodarum</i>	An introduced water snail*	Common	RE							

	<i>Radix (Lymnaea) peregra = Radix</i>	Wandering snail*	Common	RE											RC
	<i>Sphaerium corneum</i>	Horny orb mussel*	Common	RE											
	<i>Stagnicola (Lymnaea) palustris</i>	Marsh pond snail* (in plastic container only)	Common	RE											
	<i>Succinea putris</i>	Large amber snail*	Common	RE											
Helicidae	<i>Trichia hispida</i>	Hairy snail*	Common	RE	RE/SG										
	<i>Trichia striolata</i>	Strawberry snail*	Common	RE											
	<i>Valvata cristata</i>	Flat valve snail*	Common	RE											
Vertiginidae	<i>Vertigo pygmaea</i>		Local		RE/SG										
ANNELIDA															
	<i>Glossiphonia complanata</i>	A leech♦	Common	PW											

Common	35
Local	2
Nb	0
Na	0
RDB3	0
RDB2	0
Total	37

Taxons recorded by Steve Gregory were found on the site by pitfall trapping in May/June 2006

ORDER	RDB1	RDB2	RDB3**	Notable A	Notable B	Local	Common	Other	Total	UK Total	%UK
Odonata		-	0	0	3	2	14	3	22	42	52%
Orthoptera		-	0	1	1	0	6	0	8	23	35%
Hemiptera	1	-	0	0	0	3	100		104	1384	8%
Coleoptera		-	2	0	6	11	122		141	2550	6%
Lepidoptera (moths)*		-	0	0	20	89	392	8	509	2550	20%
Lepidoptera (butterflies)		0	0	0	0	0	27		27	59	46%
Aculeate Hymenoptera*		1	3	6	10	41	70		131	495	26%
Other hymenoptera			1				15		16		
Other insects		1	0	1	0	4	99	9	114		
Arachnids		-	0	0	0	15	57		72	500	14%
Crustacea Diplopoda Chilopoda		-	0	0	1	2	23		26	200	13%
Molluscs etc.		-	0	0	0	2	35		37	200	19%
Species	1	2	6	8	41	169	960	20	1187		

* systematic surveys

Score per no species	64	32	16	8	4	2	1	1	Species score
Points	64	64	96	64	164	338	960	20	1770
									1.491

