



# Desktop Biodiversity Report

Southwater Parish

SxBRC/16/548

Prepared for Jennifer Nagy (Southwater Parish Council)

11th November 2016

## **ADDENDUM TO SxBRC/16/548**

### **Sussex Protected Species Register Report**

It has been brought the Steering Group's attention that the following evidence of Door Mice has been found within the Parish which is not mentioned in this report:

- 2012 Nut Hunt – PTES confirmed Dormouse chewed nuts found at TQ16405 27394
- 2018 PTES confirmed summer Dormouse nest found in hedgerow at TQ16414 27333

**Sussex Biodiversity Record Centre  
desktop report regarding  
Southwater Parish  
11th November 2016**

**Prepared for Jennifer Nagy  
Southwater Parish Council  
SxBRC/16/548**

**The following information was requested:**

<b>Information Available</b>	<b>Requested</b>	<b>Format</b>
Designated Sites, Habitats & Ownership Maps	Yes	PDF
Sussex Protected Species Register	Yes	Excel
Sussex Bat Inventory	Yes	Excel
Sussex Notable Bird Report	Yes	Excel
UK BAP Species Inventory	Yes	Excel
Sussex Rare Species Inventory	Yes	Excel
Sussex Invasive Alien Species	Yes	Excel
Full Species List	Yes	Excel
Environmental Survey Directory	No	

**The following designations are within the search area:**

**Local Wildlife Sites**

H08 - Sparrow Copse

H33 - The Downs Link, Nutham Wood & Greatsteeds Farm Meadow

H50 - Courtland Wood

H70 - Southwater Country Park Complex

**Sites of Special Scientific Interest**

None

**Other Designations/Ownership**

Country Park

Environmental Stewardship Agreement

## Important information regarding this report

**It must not be assumed that this report contains the definitive species information for the site concerned.**

The species data held by the Sussex Biodiversity Record Centre (SxBRC) is collated from the biological recording community in Sussex. However, there are many areas of Sussex where the records held are limited, either spatially or taxonomically.

A desktop biodiversity report from SxBRC will give the user a clear indication of what biological recording has taken place within the area of their enquiry. The information provided is a useful tool for making an assessment of the site, but should be used in conjunction with site visits and appropriate surveys before further judgements on the presence or absence of key species or habitats can be made. It may be that the content of this report guides the reader as to which surveys should be carried out on the site.

This report was compiled using data held at SxBRC at the time of production. SxBRC takes data validation very seriously, but cannot be held responsible for the accuracy of data included in this report.

### Copyright

**The Sussex Biodiversity Record Centre must be acknowledged in all documents containing any part of the information contained in this report.** You can also use the whole of a SxBRC report (unedited) as an appendix in your own report.

The SxBRC operates as agent to the individuals and groups who provide their records free of charge. The data suppliers retain copyright on their data, while SxBRC retains copyright on its desktop biodiversity reports.

### Data usage

The data contained within this report is for use in the project for which the data was requested. It is not to be shared with third parties for use in other projects, unless permission is granted from SxBRC.

The data may be used for 12 months, after which a replacement SxBRC report must be requested. This ensures the most up-to-date information is being used.

### Ordnance Survey maps

Members of the public wishing to reproduce maps made by SxBRC under East and West Sussex County Council or Brighton and Hove City Council licences must use copying facilities that have been authorised by Ordnance Survey (OS). Further information can be found on the [OS website](#).

### Impartiality

SxBRC functions as custodian of biological data. Our role is to collect, manage and disseminate wildlife and habitat data. As such, we have to remain impartial and cannot offer opinions on the biodiversity value of a given site. Similarly, we cannot put forward objections to planning applications or be involved in campaigns.

### Supplying records

Our desktop biodiversity reports are only as good as the data we hold. We rely on the continuous submission of records to keep our database up-to-date. We are always grateful to receive records from ecological consultants and members of the public alike. We accept records in many different formats – please see our [website](#) for more details.

## Confidential Records

The following species are not included in desktop biodiversity reports

### Badgers

Badgers are one of our most recognisable native British mammals. They are not considered rare but are protected along with their setts under The Protection of Badgers Act 1992 and schedule 6 of the Wildlife and Countryside Act (1981, as amended).



It is an offence to kill, injure, or take a badger or interfere with a badger sett.

“Interference” is defined by section 3 of The Protection of Badgers Act and includes damaging or destroying a badger sett, obstructing any entrance to a sett and also disturbing a badger when it is occupying a sett. If you need to do any work near to a sett (within 30m) you must contact Natural England for guidance as your activities may require a licence.

**With continued persecution of badgers, often for the most cruel and barbaric ‘sport’, badger records are not included in our species inventory reports, as it has been requested that they remain confidential.**

If you need further information about badgers in your enquiry area please contact the Badger Trust Sussex. Contact details can be found on their website: [www.badgertrust-sussex.org.uk](http://www.badgertrust-sussex.org.uk)

### Otters

Otters are slowly making a return to Sussex after becoming extinct in the 1960s, but are nowhere near their former numbers and remain very vulnerable.

If there is a river or tributary within 1km of your enquiry area please be aware of the potential for otters in the vicinity, especially if you are undertaking operations that may impact potential otter habitat.



Otters are protected by European and UK law. It is an offence under the Wildlife and Countryside Act 1981 to kill, injure or take an otter from the wild without a licence; to damage or obstruct a holt; or disturb an otter in its resting place. Licences are required for checking holts or for carrying out work that may disturb otters, such as the management of trees that are known to be used as resting sites. Natural England are responsible for issuing these licences in England.

**If you need to find out if otters have been recorded in your enquiry area, please get in touch with the Record Centre.**

### Wood White and Duke of Burgundy butterflies

These two rare butterfly species have a very restricted range in Sussex and records have been made confidential based on advice given from Butterfly Conservation Sussex Branch.

### Other confidential records

SxBRC holds records of other species that are confidential. Confidentiality can be for a variety of reasons but is usually to benefit the site or the species. If you need to know if any confidential records have been recorded in your enquiry area, please get in touch with the Record Centre.

## MAPS

There are three maps included in a standard desktop biodiversity report which show designated sites (statutory and non-statutory); habitats and natural features; and ownership and management.

The key on a map only shows those layers which are located within the enquiry area or immediate area. Below is a list of all layers which we currently show on our maps, with details of the data source. Citation sheets and further information on each layer can be found towards the back of the pdf report.

<b>Designated sites</b>	
<b>Statutory</b>	
Area of Outstanding Natural Beauty (AONB)	Downloaded from NE website.
Country Park	Downloaded from NE website.
Local Nature Reserve (LNR)	Downloaded from NE website.
Marine Conservation Zone (MCZ)	Downloaded from NE website.
Marine Site of Nature Conservation Importance (MSNCI)	Supplied by ESCC in 2005.
National Nature Reserve (NNR)	Downloaded from NE website.
National Park	Downloaded from NE website.
Ramsar	Downloaded from NE website.
Site of Special Scientific Interest (SSSI)	Downloaded from NE website.
Special Area of Conservation (SAC)	Downloaded from NE website.
Special Protection Area (SPA)	Downloaded from NE website.
<b>Non-Statutory</b>	
Local Geological Site (LGS)	Originally supplied as hand drawn maps by the Booth Museum (Brighton) in 2009, LGS boundaries were digitised by SxBRC. Site boundaries are now administered by SxBRC and the Sussex Geodiversity Partnership and have been further improved as a result of ground surveys between 2010 to 2012.
Local Wildlife Site (LWS), formerly SNCI	Supplied by WSCC, ESCC & BHCC.
Notable Road Verge	Owned and provided by ESCC and WSCC.
<b>Habitats and natural features</b>	
Ancient/veteran tree	Merged dataset created in July 2009. Data from Ancient Tree Hunt (national survey carried out in 2007/2008) and Tree Register of the British Isles (a charity which collates and updates data on notable trees).
Ancient woodland	Downloaded from NE website.
Black poplar	Created by SxBRC based upon species records arising from Sussex Wetland Landscapes Project.
Chalk stream	Created and owned by SWLP and SxBRC.
Coastal & floodplain grazing marsh	Downloaded from NE website.
Coastal saltmarsh	Supplied by EA, based on data from the SRCMP Habitat Mapping Project.
Coastal sand dune	Supplied by EA, based on data from the SRCMP Habitat Mapping Project.
Coastal vegetated shingle	Downloaded from NE website.
Ghyll woodland	Boundaries drawn on paper maps by Dr Francis Rose which were then digitised by SxBRC. Not ground-truthed.
Intertidal chalk	Supplied by EA, based on data from the SRCMP Habitat Mapping Project.

Intertidal mudflat	Supplied by EA, based on data from the SRCMP Habitat Mapping Project.
Lowland calcareous grassland	Merged dataset from NE and SDJC sources, created in 2005. Administered by SxBRC.
Lowland fen	Created by SxBRC in June 2011. Layer is an amalgamation of all the fen data currently available to SxBRC.
Lowland heathland	High Weald Heathland data created by the High Weald Unit in 2006. The rest of Sussex Heathland data was created by SxBRC, with funding from WSCC and RSPB in 2007.
Lowland meadow	Downloaded from NE website.
Maritime cliff and slope	Supplied by EA, based on data from the SRCMP Habitat Mapping Project.
Open water	Derived from OS mapping. This includes inland and tidal, running and standing water.
Reedbed	Created by SxBRC in June 2011. Layer is an amalgamation of all the reedbed data currently available to SxBRC.
Saline lagoon	Created by SxBRC.
Traditional orchard	Downloaded from NE website.
Wood-pasture & parkland	Downloaded from NE website.
<b>Ownership and management</b>	
Environmental Stewardship Agreement	Downloaded from NE website.
National Trust property	Owned and provided by National Trust.
RSPB reserve	Owned and provided by RSPB. Downloadable from their website.
Sussex Wildlife Trust reserve	Created and maintained by SxBRC on behalf of SWT.
Woodland Trust site	Owned and provided by the Woodland Trust.

### Abbreviations

BHCC	Brighton and Hove City Council
EA	Environment Agency
ESCC	East Sussex County Council
NE	Natural England
PTES	People's Trust for Endangered Species
RSPB	Royal Society for the Protection of Birds
SDJC	South Downs Joint Committee
SRCMP	Strategic Regional Coastal Monitoring Programme
SxBRC	Sussex Biodiversity Record Centre
SWLP	Sussex Wetland Landscapes Project
SWT	Sussex Wildlife Trust
WSCC	West Sussex County Council

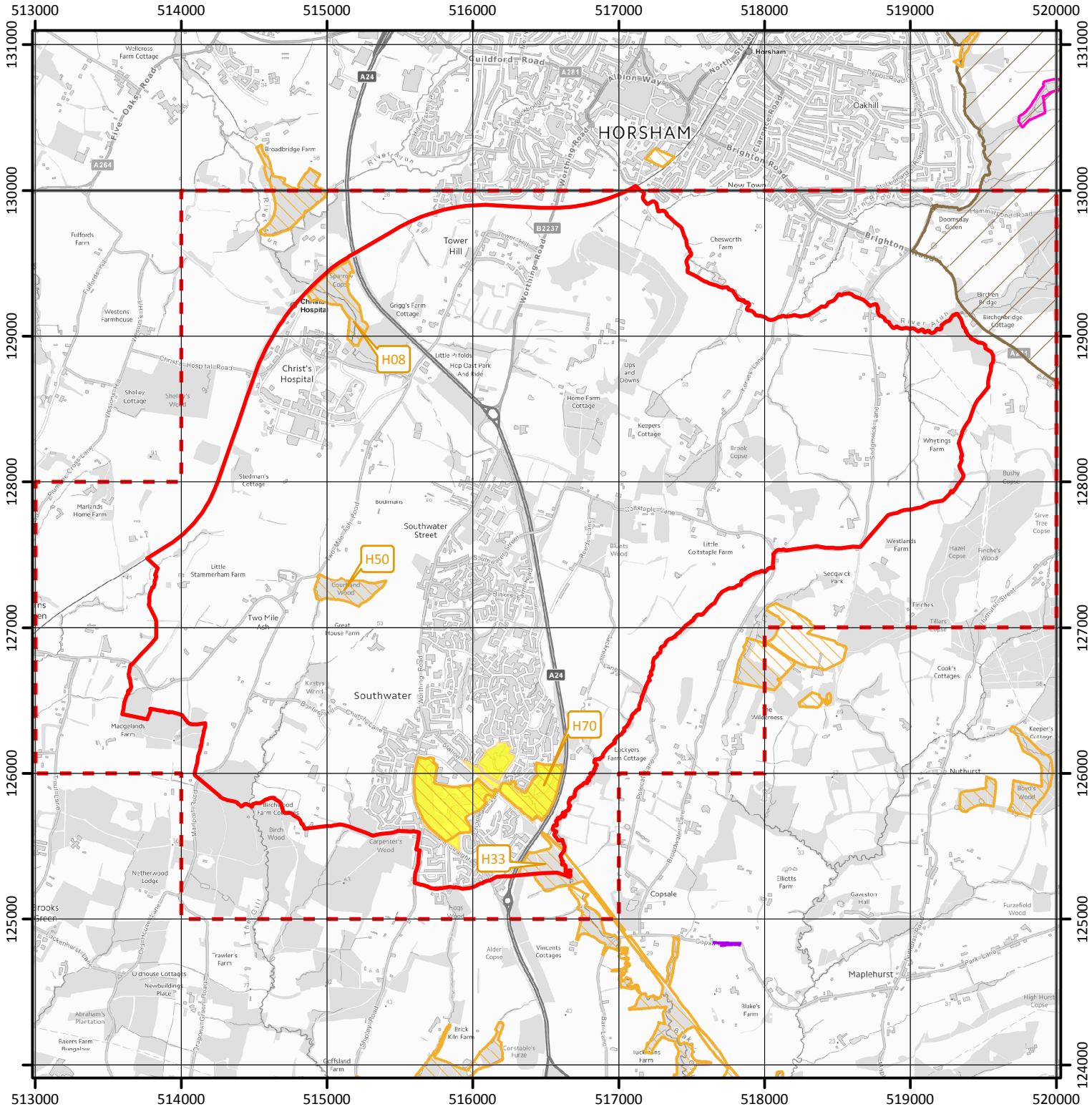
### Natural England datasets

These are available for anyone to download and use in their own Geographical Information System (GIS). Visit [www.gis.naturalengland.org.uk](http://www.gis.naturalengland.org.uk) for more information and register as a user.





# Designated Site Map (SxBRC/16/548)

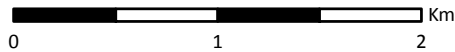
Land at Southwater Parish

Prepared for Jennifer Nagy (Southwater Parish Council) - 11/11/2016



**Key to Map:**

-  Enquiry area
-  Species search area
-  Local Wildlife Site
-  Site of Special Scientific Interest
-  Notable Road Verge
-  Area of Outstanding Natural Beauty
-  Country Park



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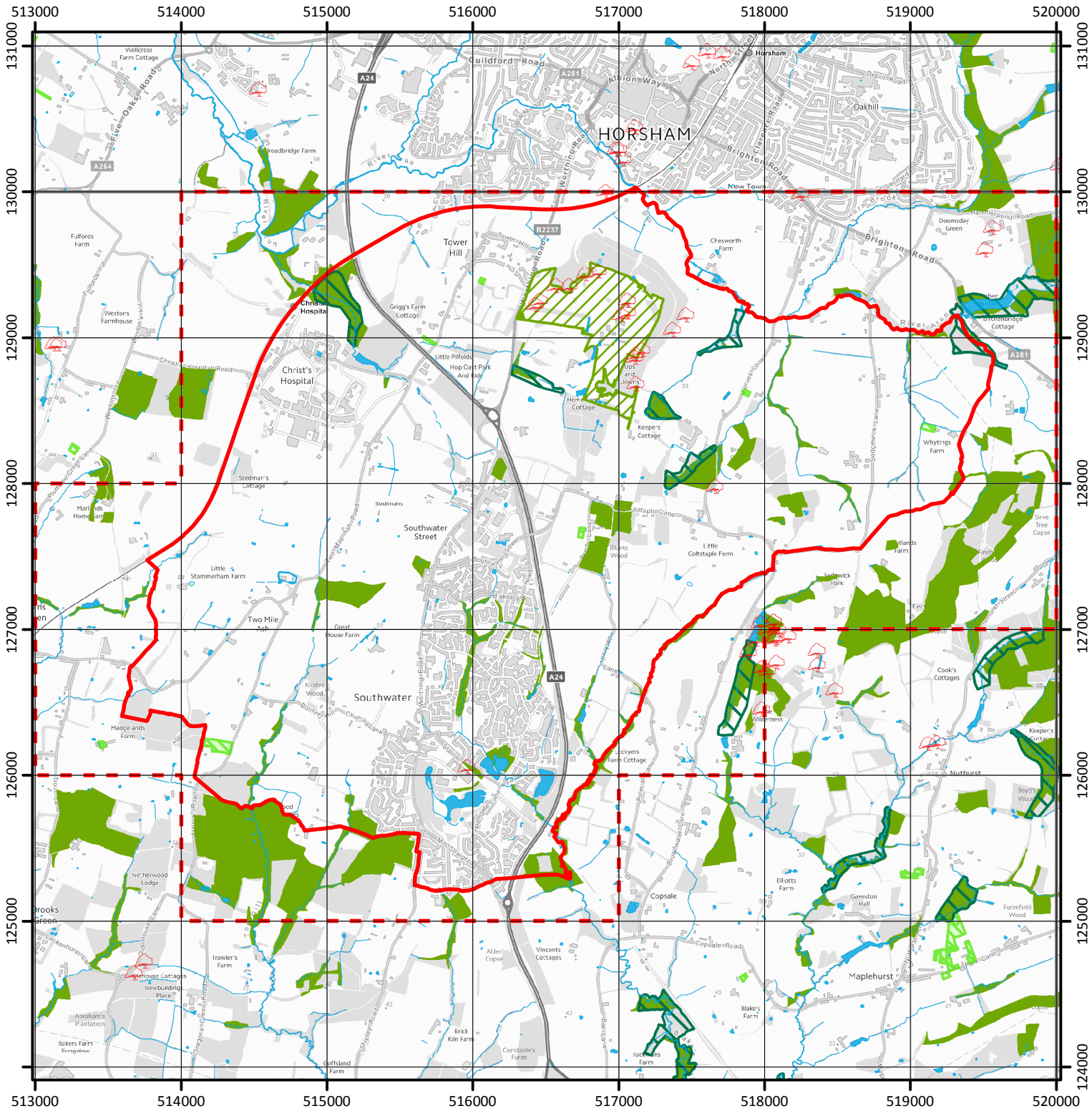
Ramsar, Special Area of Conservation (SAC), Special Protection Area (SPA), National Park, Area of Outstanding Natural Beauty (AONB), National Nature Reserve (NNR), Site of Special Scientific Interest (SSSI), Local Nature Reserve (LNR) and Country Park data reproduced with permission of Natural England. Local Wildlife Site (LWS) data provided by East and West Sussex County Councils, and Brighton & Hove City Council. Notable Road Verge data supplied by East and West Sussex County Councils. Local Geological Site (LGS) data created by SxBRC in partnership with Sussex Geodiversity Group. © Crown Copyright. All rights reserved 2016.



# Habitat & Natural Features Map (SxBRC/16/548)

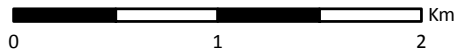
Land at Southwater Parish

Prepared for Jennifer Nagy (Southwater Parish Council) - 11/11/2016



**Key to Map:**

-  Enquiry area
-  Species search area
-  Ancient/veteran tree
-  Open Water
-  Ghyll woodland
-  Traditional orchard
-  Wood-pasture & parkland
-  Ancient woodland



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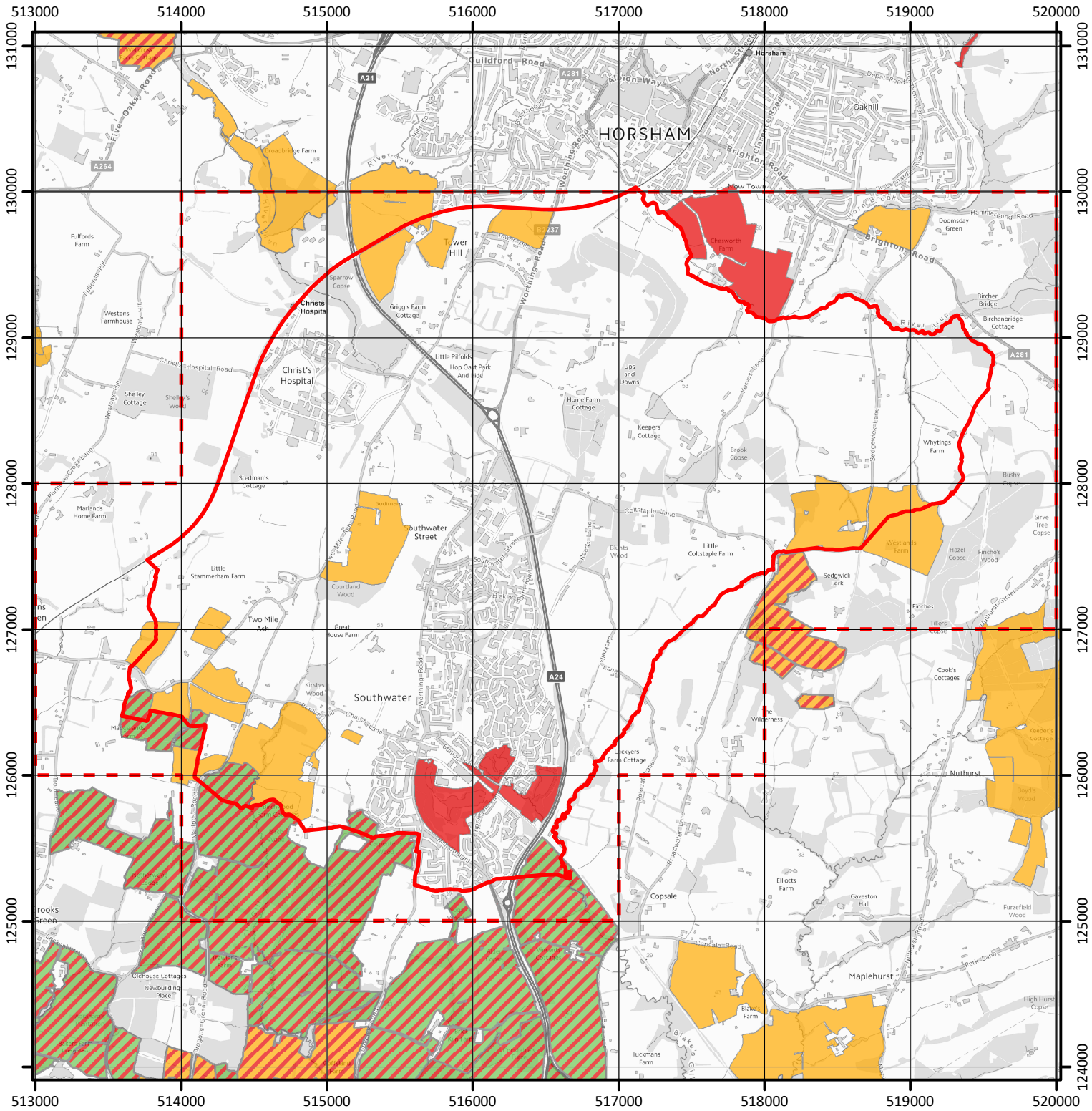
Ancient woodland, traditional orchards, woodpasture and parkland, vegetated shingle and saline lagoon data reproduced with permission of Natural England. Revised coastal and floodplain grazing marsh data remains provisional and is also reproduced with permission of Natural England. Chalk grassland data supplied by Natural England and South Downs Conservation Board. Black Poplar data supplied by Sussex Wetland Landscapes Project. Ghyll woodland data supplied by Dr Francis Rose. Reedbed data funded by Environment Agency and West Sussex County Council is provided by Sussex Biodiversity Record Centre and maintained by RSPB. Heathland data funded by West Sussex County Council, RSPB and High Weald AONB Unit. Ancient/veteran tree data derived from results of the Ancient Tree Hunt Project and the Tree Register of the British Isles (TROBI). South East Coastal Habitat Mapping data reproduced with permission of Environment Agency. © Crown Copyright. All rights reserved 2016.

Habitat data held by Sussex Biodiversity Record Centre (SxBRC) are created in-house or obtained from a variety of dataset providers. SxBRC continually strive to further improve and update these data wherever possible. However, this map should be treated as indicative rather than definitive: data may be generated from a range of field survey and/or predictive methods, each of which may have its own inherent limitations. In some situations a recent ground survey may be required to establish definitively the current status of a particular habitat at a specific location.



# Ownership & Management Map (SxBRC/16/548)

## Land at Southwater Parish






Prepared for Jennifer Nagy (Southwater Parish Council) - 11/11/2016

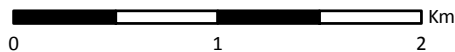


### Key to Map:

-  Enquiry area
-  Species search area

### Environmental Stewardship Agreements:

-  Higher Level Stewardship (HLS)
-  Entry Level Stewardship (ELS)
-  Organic ELS
-  Organic ELS plus HLS
-  ELS plus HLS



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Environmental Stewardship Agreement data reproduced with permission of Natural England. Other datasets reproduced respectively with permission of the Woodland Trust, Forestry Commission, National Trust, Sussex Wildlife Trust and Royal Society for the Protection of Birds. © Crown Copyright. All rights reserved 2016.

## SUMMARY REPORT

### Land at Southwater Parish

11 November 2016    SxBRC/16/5    Search Area:  
 Prepared for Jennifer Nagy (Southwater Parish Council)

#### **Protected Species Register (not including bats, badgers, otters or birds)**

Number of species recorded 9

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#### **European Protected Species**

Number of species recorded 14

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#### **Bats**

Number of species recorded 12

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#### **Birds**

Number of species recorded 150

Number of BoCC Red list species recorded 13

Number of BoCC Amber list species recorded 23

Number of W&CA Schedule 1 species recorded 21

Number of significant breeding bird records 216

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#### **BAP species (not including bats or birds)**

Number of species recorded 60

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#### **Rare Species (not including bats, birds or otters)**

Number of species recorded 89

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#### **Invasive Alien Species**

Number of species recorded 21

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# SUSSEX PROTECTED SPECIES REGISTER

**The Protected Species Register does not include bat, bird, badger or otter records. Bat and bird records are included in separate inventories, while badger and otter records are not included in SxBRC reports.**

The Sussex Protected Species Register (PSR) consists of species of plants, fungi and animals that are protected under Schedules 5, 6 and 8 of the Wildlife and Countryside Act 1981 and other legislation.

## **Please note the following limitations to the PSR:**

- PSR records are labelled so that only one record per species per grid reference is included in a SxBRC report. This will usually be the most up to date record.
- If a protected species record appears in a SxBRC biodiversity report it does not mean that the species is still present. It means that the protected species was recorded last at that time and place by the recorder listed. The implications of the record should be further evaluated, and a survey to establish the current status of the species may be required.
- If there is no record of any particular protected species, this does not confirm that the species is absent from the site in question. It may mean that it has not been recorded, that the site has not been surveyed for this species, or that the Record Centre has not been informed of its presence.
- Some sites are part of the National Dormouse Monitoring Programme (NDMP) and therefore we are likely to hold historic records/more detailed information. If NDMP is mentioned in the location name of a record and you would like the historic dormouse data for that site, please contact the SxBRC.

## **Wildlife Protection Legislation in England**

Legislation that protects wildlife in England exists at the European and national level.

### **European law**

Legislation produced at a European level is an EU Directive, produced to have an effect at national level as regulations. The most relevant regulation for biodiversity is the 'Conservation of Habitats & Species Regulations 2010 (informally known as 'The Habitats Directive'). Further information can be found here: [www.naturenet.net/law/habsregs.html](http://www.naturenet.net/law/habsregs.html)

### **National law**

**The Wildlife and Countryside Act (WCA) 1981** (as amended), strengthened by the Countryside and Rights of Way Act 2000, are together the most important legislation aimed at protecting wildlife in England. The Wildlife and Countryside Act is divided into four parts, details of which are available from: [www.naturenet.net/law/wcagen.html](http://www.naturenet.net/law/wcagen.html)

## **Species protection is provided under Schedules 1, 5, 6 and 8 of the WCA:**

**Schedule 1: Birds** – Please refer to the Sussex Bird Inventory results and explanation sheet in your SxBRC biodiversity report.

### **Schedule 5: Protected animals (other than birds)**

Intentional or reckless killing, injuring, taking, possessing, disturbing and selling (including parts and derivatives) as well as damaging, destroying or obstructing access to any structure or place of refuge etc. are prohibited. N.B. Protection of some species is limited to certain sections of the Act, which are indicated in the lists as follows:

**Section 9(1)** Protection limited to intentional killing, injury or taking.

**Section 9(2)** Protection limited to possessing and controlling.

- Section 9(4a)** Protection limited to damaging, destroying or obstructing access to any structure or place used by the animal for shelter or protection.
- Section 9(4b)** Protection limited to disturbing the animal while it is occupying any structure or place which it uses for shelter or protection.
- Section 9(5a)** Protection limited to selling, offering for sale, possessing or transporting for the purpose of sale (live or dead animal, part or derivative).
- Section 9(5b)** Protection limited to advertising for buying or selling such things.

**Schedule 6: Animals which may not be killed or taken by certain methods**

Methods include traps and nets, poisons, automatic weapons, electrical devices, smokes/gases and various others. Even humane trapping for research requires a licence.

**Schedule 8: Protected plants and fungi**

Intentional picking, uprooting, destroying, trading (including parts and derivatives) etc. are prohibited. Under the Wildlife and Countryside Act, all wild plants in Britain are protected from intentional uprooting by an unauthorised person. Land owners, land occupiers, persons authorised by either of these, or persons authorised in writing by the Local Authority for the area are however exempt from this, except for Schedule 8 species which you can see on this website: [www.naturenet.net/law/sched8.html](http://www.naturenet.net/law/sched8.html)

**Legislation protecting bats**

Please refer to the explanation sheet of the Sussex Bat Inventory within your SxBRC biodiversity report, or visit the [SxBRC website](#).

**Legislation protecting badgers and otters**

Please refer to the 'Confidential Records' sheet at the start of the report for information on badger and otter records in Sussex.

## SUSSEX PROTECTED SPECIES REGISTER REPORT

Please note that bat, bird, badger and otter records are not included in this report.

Land at Southwater Parish

11 November 2016 SxBRC/16/548 Search Area:  
 Prepared for Jennifer Nagy (Southwater Parish Council)

### *Leersia oryzoides*

### Cut-grass

#### Flowering plant

A very rare perennial grass of nutrient-rich mud around the cattle-trampled margins of lakes and ponds, in ditches, on canal banks and riversides. Its British stronghold is now in West Sussex, where it is principally restricted to the Arun valley, though still widespread and plentiful on Amberley Wild Brooks.

#### Designations

IUCN (2001) - Endangered; Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41); Sussex Biodiversity Action Plan; Sussex Protected Species Register; Sussex Rare Species Inventory; UK Biodiversity Action Plan priority species; Wildlife and Countryside Act 1981 (Schedule 8)

Grid Reference	Recorder	Date	Locality
TQ178295	Jacob Everitt	13/08/2014	Chesworth Farm, HDC: Chesworth Farm
TQ17912922	Frances Southgate	12/07/2015	Chesworth Farm, Horsham

### *Hirudo medicinalis*

### medicinal leech

#### Annelid

A leech of fresh and brackish ponds, pools and dykes. There are now probably no more than 20 isolated populations remaining in the UK. Recorded from many sites in the far east of East Sussex from Winchelsea to the Kent border.

#### Designations

EC CITES Annex B; Habitats Directive Annex 5; IUCN (1994) - Lower risk - near threatened; Sussex Protected Species Register; Sussex Rare Species Inventory; Wildlife and Countryside Act 1981 Schedule 5 Sections (9.2; 9.4; subdivision a; 9.4b; 9.5a; Schedule 5)

Grid Reference	Recorder	Date	Locality
TQ159258	Unknown	07/05/2004	Southwater Country Park, HDC: Southwater Country Park

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*Triturus cristatus*

## Great Crested Newt

**Amphibian**

The largest British newt. It is black or dark brown and the males have a crest along the back and an orange underside spotted with black. Frequently confused with male smooth newts, which also have a crest. The great crested newt prefers larger, open ponds that are free of fish and waterfowl and has declined substantially in Britain and across Europe, mainly due to habitat loss. The species is fully legally protected and Britain has special responsibility for its conservation as some of the best European populations occur here. Scattered across East and Central Sussex but scarce in the west.

**Designations**

Bern Convention Appendix 2; European Protected Species; Habitats Directive Annex 2 - non-priority species; Habitats Directive Annex 4; Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41); Sussex Biodiversity Action Plan; Sussex Protected Species Register; UK Biodiversity Action Plan priority species; Wildlife and Countryside Act 1981 Schedule 5 Sections (9.4b; 9.5a; Schedule 5)

Grid Reference	Recorder	Date	Locality
TQ13322701	Recorder @ Southern Water	12/05/2006	Barns Green
TQ13372701	Recorder @ Southern Water	12/05/2006	Barns Green
TQ13392665	Recorder @ Southern Water	16/05/2006	Barns Green
TQ153267	Recorder @ Bioscan	31/03/2011	Land west of Southwater, West Sussex (VC13)
TQ158254	Anon @ EN - National Office	1989	Southwater Country Park, West Sussex (VC13)
TQ158257	Ben Rainbow	05/08/2009	Southwater County Park Complex
TQ15872897	Annabelle Phillips	26/05/2016	East of Two Mile Ash Road, Horsham
TQ159256	Anon @ EN - National Office	1988	Willow/Southwater Country Park (2 records at this NGR), West Sussex (VC13)
TQ159258	Unknown	10/06/2009	Southwater Quarry, HDC: Southwater Country Park
TQ1635428894	Recorder @ Corylus Ecology	April 2009 - May 2009	Hop Oast Stud Farm, Horsham
TQ1647328716	Recorder @ Corylus Ecology	April 2009 - May 2009	Hop Oast Stud Farm, Horsham
TQ1648528009	Recorder @ Corylus Ecology	April 2009 - May 2009	Hop Oast Stud Farm, Horsham
TQ1671128600	Recorder @ Corylus Ecology	April 2009 - May 2009	Hop Oast Stud Farm, Horsham
TQ1673328817	Recorder @ Corylus Ecology	April 2009 - May 2009	Hop Oast Stud Farm, Horsham
TQ1674628630	Recorder @ Corylus Ecology	April 2009 - May 2009	Hop Oast Stud Farm, Horsham
TQ1677628832	Recorder @ Corylus Ecology	April 2009 - May 2009	Hop Oast Stud Farm, Horsham
TQ1685328429	Recorder @ Corylus Ecology	April 2009 - May 2009	Hop Oast Stud Farm, Horsham
TQ1686828560	Recorder @ Corylus Ecology	April 2009 - May 2009	Hop Oast Stud Farm, Horsham
TQ1688128400	Recorder @ Corylus Ecology	April 2009 - May 2009	Hop Oast Stud Farm, Horsham
TQ1744026100	Recorder @ Southern Water	2002 - 2003	Nuthurst CP
TQ1749026100	Recorder @ Southern Water	2002 - 2003	Nuthurst CP
TQ1984127395	unknown recorder 4delivery	31/05/2012	Nr Monks Gate West Sussex
TQ19872740	Georgina Judd	30/05/2012	Monks Gate

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*Zootoca vivipara*

## Common Lizard

**Reptile**

The most abundant British lizard and widespread in Sussex in the Weald and along the coast. Probably under-recorded and increasingly confined to small areas of open sunny habitat. A legally protected species due to concern about its overall decline.

**Designations**

Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41); Sussex Biodiversity Action Plan; Sussex Protected Species Register; UK Biodiversity Action Plan priority species; Wildlife and Countryside Act 1981 Schedule 5 Sections (9.5a)

Grid Reference	Recorder	Date	Locality
TQ15052989	Gary Noble	April 2007 - May 2007	Area adjacent to Horsham WTW, Horsham
TQ151268	Recorder @ Bioscan	03/06/2011	Land west of Southwater, West Sussex (VC13)
TQ158257	Ben Rainbow	05/08/2009	Southwater County Park Complex
TQ159258	Ryan Allison	16/08/2014	Southwater Quarry, HDC: Southwater Country Park
TQ161259	SARG Sussex Amphibian & Reptile Grp	17/08/1988	Southwater Country Park, West Sussex (VC13)
TQ161280	Recorder @ ASW Ecology	24/06/2010	Martindale Farm and Adjacent Field, Southwater CP
TQ1612927885	Jason	25/06/2013	Southwater
TQ164282	Recorder @ Corylus Ecology	07/05/2009 - 24/06/2009	Hop Oast Stud Farm, Horsham
TQ165266	Recorder @ WildCall	01/09/2012	Southwater allotments, West Sussex (VC13)
TQ176294	Kevin Lerwill	05/07/2012	Chesworth Farm
TQ177295	Recorder @ Ecology Solutions	14/05/2007 - 05/09/2007	Chesworth Farm, Horsham
TQ178295	Stephen Delahunt	23/05/2009	Chesworth Farm, HDC: Chesworth Farm



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*Anguis fragilis*

## Slow-worm

**Reptile**

A legally protected legless lizard resembling a small snake. Slow-worms are widespread in southern England and found in open habitats such as rough grassland, heath and on road and railway embankments. They are often common in urban and suburban areas. Like most reptiles and amphibians they have declined considerably and need protection wherever they occur.

**Designations**

Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41); Sussex Biodiversity Action Plan; Sussex Protected Species Register; UK Biodiversity Action Plan priority species; Wildlife and Countryside Act 1981 Schedule 5 Sections (9.5a)

Grid Reference	Recorder	Date	Locality
TQ130270	Anon @ Bioscan (UK) Ltd	September 2012	Land at Barns Green, Barns Green
TQ15052989	Gary Noble	April 2007 - May 2007	Area adjacent to Horsham WTW, Horsham
TQ152259	Recorder @ Bioscan	03/06/2011	Land west of Southwater, West Sussex (VC13)
TQ155256	SARG Sussex Amphibian & Reptile Grp;Dennis Dey	01/01/1992	13 Beechwood, Southwater, West Sussex (VC13)
TQ156251	Recorder @ Corylus Ecology	20/08/2009	Rascals Close, Southwater CP
TQ158257	Ben Rainbow	05/08/2009	Southwater County Park Complex
TQ159258	Judith Alford	27/04/2015	Southwater Quarry, HDC: Southwater Country Park
TQ161259	SARG Sussex Amphibian & Reptile Grp	17/08/1988	Southwater Country Park, West Sussex (VC13)
TQ162255	SARG 2002 Leaflet	2002	West Sussex, West Sussex (VC13)
TQ162299	SARG Sussex Amphibian & Reptile Grp;Dennis Dey	01/01/1990	50 Longfield Road, Horsham, West Sussex (VC13)
TQ16522605	Anon @ BDS Sussex Group;Phil Belden;Penny Green	14/06/2009	Southwater Quarry, backpath on northern side, Southwater Quarry
TQ17662948	Tim Thomas	04/05/2016	Chesworth Farm
TQ177295	Richard Comont	16/08/2016	Chesworth Farm, Horsham
TQ178295	Tom Forward	09/07/2015	Chesworth Farm, HDC: Chesworth Farm
TQ184298	SARG Sussex Amphibian & Reptile Grp	01/10/1988	53 Brighton Road, Horsham, West Sussex (VC13)
TQ192299	SARG Sussex Amphibian & Reptile Grp;Dennis Dey	01/01/1991	60 Grebe Crescent, Horsham, West Sussex (VC13)

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***Natrix natrix*****Grass Snake****Reptile**

A widespread, but legally protected, snake with a normally olive body flecked with black and a distinctive yellow collar. Frequent in Sussex near places where its food, largely frogs, is readily available. Like most reptiles and amphibians, grass snakes have declined considerably and need protection wherever they occur.

**Designations**

Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41); Sussex Biodiversity Action Plan; Sussex Protected Species Register; UK Biodiversity Action Plan priority species

Grid Reference	Recorder	Date	Locality
TQ13372701	Recorder @ Southern Water	12/05/2006	Barns Green
TQ151268	Recorder @ Bioscan	02/06/2011	Land west of Southwater, West Sussex (VC13)
TQ152259	Recorder @ Bioscan	03/06/2011	Land west of Southwater, West Sussex (VC13)
TQ157262	SARG Sussex Amphibian & Reptile Grp;Dennis Dey	23/06/1992	Andrews Lane, Southwater, West Sussex (VC13)
TQ158257	Ben Rainbow	05/08/2009	Southwater County Park Complex
TQ158258	Recorder @ Warnham NR	21/05/2002	Southwater CP
TQ159258	Jacob Everitt	22/03/2011	Southwater Country Park, HDC: Southwater Country Park
TQ162255	SARG 2002 Leaflet	2002	West Sussex, West Sussex (VC13)
TQ163258	Colin Booty	09/05/2014	Southwater Country Park
TQ164282	Recorder @ Corylus Ecology	07/05/2009 - 24/06/2009	Hop Oast Stud Farm, Horsham
TQ16542603	Anon @ BDS Sussex Group;Phil Belden;Penny Green	14/06/2009	Southwater Quarry, North Bank of Pond, Southwater Quarry
TQ176294	Kevin Lerwill	05/07/2012	Chesworth Farm
TQ177295	Richard Comont	16/08/2016	Chesworth Farm, Horsham
TQ178295	Jonathan Brokenbrow;Jacob Everitt	19/09/2015	Chesworth Farm, HDC: Chesworth Farm
TQ17882926	Tim Thomas	28/08/2014	Chesworth Farm
TQ179292	Tim Thomas	25/03/2014	Chesworth Farm
TQ183297	SARG 2002 Leaflet	01/08/2003	West Sussex, West Sussex (VC13)
TQ184296	Stuart Keay	14/07/2015	Oaklands Close, Horsham
TQ187299	SARG 2002 Leaflet	2002	West Sussex, West Sussex (VC13)
TQ190271	SARG Sussex Amphibian & Reptile Grp;Dennis Dey	01/07/1992	Fiches Cottage, Nuthurst, West Sussex (VC13)
TQ190290	Barry Kemp	18/07/2006	7 Padwick Road, Horsham, Horsham

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***Vipera berus*****Adder****Reptile**

Britain's only venomous snake, though incidences of snakebite involving man or domestic animals are relatively uncommon. Adders have a distinctive zig zag pattern of black or brown and white. They occur in open areas on downs, heaths and in heathy woods. Grass snakes and slow-worms are often misidentified as adders. Though widespread in Britain and found in suitable areas across Sussex, the adder, like all our native reptiles has declined substantially through habitat loss and other factors. The adder is a protected species and it is illegal intentionally to kill or injure them.

**Designations**

Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41); Sussex Biodiversity Action Plan; Sussex Protected Species Register; UK Biodiversity Action Plan priority species; Wildlife and Countryside Act 1981 Schedule 5 Sections (9.5a)

Grid Reference	Recorder	Date	Locality
TQ158257	Ben Rainbow	05/08/2009	Southwater County Park Complex
TQ178295	Unknown	21/06/2007	Chesworth Farm, HDC: Chesworth Farm

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## *Arvicola amphibius*

## European Water Vole

### Terrestrial mammal

The fastest declining native British mammal, the water vole was 'Ratty' in *Wind in the Willows*. Water voles prefer slow flowing streams, rivers and dykes with steep earth banks and luxuriant emergent vegetation. They have been in decline for over a century mainly due to loss of habitat while the presence of American mink has greatly hastened this decline. In many areas of mainland Britain water voles are already extinct but there are still some strong populations in Sussex. A legally protected species, listed on the Sussex Rare Species Inventory and the subject of a Sussex Species Action Programme.

### Designations

Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41); Sussex Biodiversity Action Plan; Sussex Protected Species Register; Sussex Rare Species Inventory; UK Biodiversity Action Plan priority species; Wildlife and Countryside Act 1981 Schedule 5 Sections (9.4; subdivision a; 9.4b; Schedule 5)

Grid Reference	Recorder	Date	Locality
TQ1428	Unknown	1966	Christ's Hospital, Horsham, West Sussex (VC13)
TQ152282	Ken Ashby	1983	VC13 West Sussex, West Sussex (VC13)
TQ177293	Chris Strachan (Vinc Trust)	January 1997	Pedlars Way, Horsham, West Sussex (VC13)
TQ196293	Bob Jennings	04/10/2001	Pavilion Wood Horsham

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## *Muscardinus avellanarius*

## Hazel Dormouse

### Terrestrial mammal

A nocturnal species of woodland and overgrown hedgerows. Dormice spend much of their time climbing among branches in search of fruit, nuts, insects and other food. They sleep in nests during the day in hollow trees, unoccupied bird or bat boxes and similar places and hibernate in winter. Dormice occur mainly in southern England in this country and are widespread in suitable habitats in Sussex.

### Designations

European Protected Species; Habitats Directive Annex 4; Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41); Sussex Biodiversity Action Plan; Sussex Protected Species Register; UK Biodiversity Action Plan priority species; Wildlife and Countryside Act 1981 Schedule 5 Sections (9.4b; 9.5a; Schedule 5)

Grid Reference	Recorder	Date	Locality
TQ1428	N T Fryer	1964	VC13 West Sussex, West Sussex (VC13)
TQ155256	Julie Alexander	07/03/2015	Garden in Beechwood, Southwater
TQ155257	Judith Court	20/06/2000	5, Beechwood, Southwater, West Sussex (VC13)
TQ165283	Helen Lucking	02/03/2010	Horsham Golf and Fitness, near Southwater, West Sussex (VC13)
TQ16592630	Geoff Hunt	29/03/2016	Garden of 31 Eversfield, Southwater
TQ175281	Neil Mitchell	30/05/2002	Hard's Wood, Newfoundout, West Sussex (VC13)
TQ176281	The Great Nut Hunt	2001	Hard's Wood, Southwater, West Sussex (VC13)

## Bat species

There are 18 species of bat which are resident in the UK (17 of which are known to be breeding here), all of which have been recorded in Sussex:

*Barbastella barbastellus* **Barbastelle**  
*Eptesicus serotinus* **Serotine**  
*Myotis alcathoe* **Alcathoe**  
*Myotis bechsteinii* **Bechstein's**  
*Myotis brandtii* **Brandt's**  
*Myotis daubentonii* **Daubenton's**  
*Myotis myotis* **Greater mouse-eared**  
*Myotis mystacinus* **Whiskered**  
*Myotis nattereri* **Natterer's**

*Nyctalus leisleri* **Leisler's**  
*Nyctalus noctula* **Noctule**  
*Pipistrellus nathusii* **Nathusius's pipistrelle**  
*Pipistrellus pipistrellus* **Common pipistrelle**  
*Pipistrellus pygmaeus* **Soprano pipistrelle**  
*Plecotus auritus* **Brown long-eared**  
*Plecotus austriacus* **Grey long-eared**  
*Rhinolophus ferrumequinum* **Greater horseshoe**  
*Rhinolophus hipposideros* **Lesser horseshoe**

Four other bat species have been recorded in Sussex as vagrants: Savi's pipistrelle (*Hypsugo savii*), Kuhl's pipistrelle (*Pipistrellus kuhlii*), parti-coloured bat (*Vespertilio murinus*) and Geoffroy's bat (*Myotis emarginatus*).

**Five species are included in Annex II of the EU Habitats Directive:** Barbastelle, Bechstein's, greater mouse-eared, greater horseshoe and lesser horseshoe. All 18 species are included in Annex IV.

**Seven species are included in the UK Biodiversity Action Plan:** Barbastelle, Bechstein's, brown long-eared, greater horseshoe, lesser horseshoe, noctule and soprano pipistrelle.

## Background

Bats are the only mammals capable of true flight. Those found in the UK feed exclusively on insects and use a sophisticated form of sonar to navigate and catch their prey at night. In late spring and summer, female bats form maternity colonies to raise their young. This is when they are most obvious to us, as they leave the roost at or after sunset in search of food. Bats hibernate during the winter when insects are scarce, usually at a different site to the maternity roost where a constant cool temperature can be found i.e. in underground sites or within deep crevices in trees or buildings. **Bats return to the same roost sites every year, so even if the animals themselves are not present, the roost is still legally protected.**

Unfortunately there are many misconceptions about bats. They are in fact sociable, intelligent, clean animals that rarely come into contact with humans. They do not build nests and very rarely cause structural damage to buildings.

## Current status and threats

Bat populations have suffered huge declines in the last century. The common pipistrelle (*Pipistrellus pipistrellus*) and soprano pipistrelle (*Pipistrellus pygmaeus*) remain the most abundant and widespread species of bat, but are thought to have suffered from a huge reduction in numbers. Estimates from a National Bat Colony Survey suggest a population decline of around 70% between 1978 and 1993.

This reduction in bat numbers is largely due to their roosts being disturbed or destroyed, a loss of suitable feeding and flightline habitat (e.g. hedgerows) and a reduction in insect numbers (e.g. through farming intensification and the use of pesticides). A number of species are now included in the National Bat Monitoring Programme (NBMP), run by the Bat Conservation Trust (BCT), which gives up-to-date information on population trends.

Bats are also particularly vulnerable to human interference for the following reasons:

- They have a low reproductive rate; generally one pup a year.
- They require specific conditions for each of their roost types.
- They are very secretive and often go unnoticed until discovered by building works or home improvements.

Consequently, bats and their roosts receive some of the highest levels of legal protection.

## Bats and the law

All species of bat and their roosts are protected by UK and European law. Bats and their roosts may also be protected by site designations, for example if their roost site or feeding grounds are notified as a Special Area of Conservation (SAC) or a Site of Special Scientific Interest (SSSI).

### You could be committing a criminal offence if you:

1. Deliberately capture, injure or kill a bat
2. Intentionally or recklessly disturb a bat in its roost or deliberately disturb a group of bats
3. Damage or destroy a bat roosting place (even if bats are not occupying the roost at the time)
4. Intentionally or recklessly obstruct access to a bat roost
5. Possess or advertise/sell/exchange a bat (dead or alive) or any part of a bat

### It is not illegal to:

Tend/care for a bat solely for the purpose of restoring it to health and subsequent release. (This should always be done by an experienced bat handler, contact details of which can be found through the Sussex Bat Group.)

## Licensing

If you have a bat roost in your property, it does not necessarily mean that building work cannot take place. Work can be planned so as not to interfere with the roost and at a time that bats may be absent. If you are planning any sort of work that may interfere with bats, advice must be sought first from Natural England (see contact details below). Similarly, if you discover bats after work has begun, you must stop and contact Natural England for their advice before continuing.

Licences to permit illegal activities relating to bats and their roost sites can be issued for specific purposes. It is an offence not to comply with the terms and conditions of such a licence. If you carry out work affecting bats or roosts without a licence, you will be breaking the law.

## Further advice and information:

### Bat Conservation Trust

The national charity working for bat conservation.

Website: [www.bats.org.uk](http://www.bats.org.uk)

Bat helpline: 0845 1300 228

Email: [enquiries@bats.org.uk](mailto:enquiries@bats.org.uk)

### Natural England

The government body responsible for issuing licences for work that may affect bats or their roosts.

Website: [www.naturalengland.org.uk/ourwork/regulation/wildlife/species/bats.aspx](http://www.naturalengland.org.uk/ourwork/regulation/wildlife/species/bats.aspx)

General and licensing enquiries. Tel: 0845 601 4523 (local rate).

### Sussex Bat Group

A local voluntary group working for the conservation of bats in Sussex.

Website: [www.sussexbatgroup.org.uk](http://www.sussexbatgroup.org.uk)

Email: [contact@sussexbatgroup.org.uk](mailto:contact@sussexbatgroup.org.uk)

## SUSSEX BAT INVENTORY REPORT SUMMARY

Please note that all species of bat and their roosts are protected by UK and European law, under the Wildlife and Countryside Act 1981 (WCA) in the UK and the Habitats Directive in the EU. Bats and their roosts may also be protected by site designations, for example if their roost site or feeding grounds are notified as Special Area of Conservation (SAC) or a Site of Special Scientific Interest (SSSI).

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### Key to Indicators

<b>M/S</b>	Mating/Swarming
<b>H</b>	Hibernaculum
<b>FR</b>	Feeding Roost
<b>MR</b>	Maternity Roost
<b>UR</b>	Unspecified Roost
<b>D</b>	Droppings

### Land at Southwater Parish

11 November 2016      SxBRC/16/548      **Search Area:**

Prepared for Jennifer Nagy (Southwater Parish Council)

Common Name	Latin Name	No of Records	Indicators						
			M/S	H	FR	MR	UR	D	
Bat sp.	<i>Chiroptera</i>	14	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Brown Long-eared Bat	<i>Plecotus auritus</i>	18	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Common Pipistrelle (45 kHz)	<i>Pipistrellus pipistrellus</i>	18	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Daubenton's Bat	<i>Myotis daubentonii</i>	5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Long-eared sp.	<i>Plecotus</i>	19	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Natterer's Bat	<i>Myotis nattereri</i>	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Noctule Bat	<i>Nyctalus noctula</i>	4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Pipistrelle sp.	<i>Pipistrellus</i>	39	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Serotine	<i>Eptesicus serotinus</i>	6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Soprano Pipistrelle (55 kHz)	<i>Pipistrellus pygmaeus</i>	16	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Unidentified Bat	<i>Myotis</i>	8	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Western Barbastelle	<i>Barbastella barbastellus</i>	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

## SUSSEX BAT INVENTORY REPORT

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### Key to Indicators

**M/S** Mating/Swarming  
**H** Hibernaculum  
**FR** Feeding Roost  
**MR** Maternity Roost  
**UR** Unspecified Roost  
**D** Droppings

### Land at Southwater Parish

11 November 2016

SxBRC/16/548

Search Area:

Prepared for Jennifer Nagy (Southwater Parish Council)

### *Barbastella barbastellus*

### Western Barbastelle

**BAP**

A medium-sized bat that is very rare in Britain, and threatened with extinction over much of Europe. Causes of its decline are not well understood, but thought to be at least partly due to a decline in its insect food and damage to, or loss of, woodland. The barbastelle prefers wooded countryside. In winter it roosts in caves, mine tunnels, cellars and hollow trees. Most records held by SxBRC are from West Sussex, but there are a few from East Sussex.

Date	Location	Grid Reference	Recorder	Sampling Method	M/S	H	FR	MR	UR	D	Abundance	Notes
14/05/2014	Marlands Estate, Plumtree Cross Lane, Barns Green	TQ134279	Sheila Wright	Unknown	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1 Present	Flying through site. Survey of farm buildings. Determined by Sheila Wright

## Chiroptera

## Bat sp.

BAP

Chiroptera (from the ancient Greek for 'wing hand') is the natural group, or order, that covers all the bats. In Britain we have 18 bat species and all have the highest level of legal protection. Many people simply record bats in general when they are not able to assign them to a particular species and these are then included under Chiroptera in our reports.

Date	Location	Grid Reference	Recorder	Sampling Method	M/S	H	FR	MR	UR	D	Abundance	Notes
17/09/2012	Private property, Parsons Way, Horsham	TQ158299	NE Bat Worker	Building Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
06/05/2011	Land west of Southwater, West Sussex (VC13)	TQ154268	Recorder @ Bioscan	Aural bat detector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Taxon Present	1 registration of either Leisler's of Serotine recorded during a two surveyor transect dawn activity survey.
2008	Private property, Cross Lane, Barns Green	TQ130261	NE Bat Worker	Building Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
12/05/2006	Barns Green	TQ13372701	Recorder @ Southern Water	Unknown	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	taxon present	Recorded during newt/reptile survey.
12/06/2005	Woodlands, Nuthurst Road, Monks Gate, West Sussex (VC13)	TQ199274	NE Bat Worker	Building Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
08/06/2005	Forest Lodge, Shipley Road, Southwater, West Sussex (VC13)	TQ155255	NE Bat Worker	Building Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	50 Present	
07/06/2005	Forest Lodge, Shipley Road, Southwater, West Sussex (VC13)	TQ155255	NE Bat Worker	Building Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	68 Present	
16/06/1994	1 Easteds Cottages, Easteds Lane, Southwater, West Sussex (VC13)	TQ165267	NE Bat Worker	Visual	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1 Present	Bats in loft.
01/05/1990	Coltstaple Farm, Coltstaple Lane, Southwater, West Sussex (VC13)	TQ177276	NE Bat Worker	Building Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Bats disturbed by owner during roof repairs.
01/01/1990 - 31/12/1990	Woodlands, Nuthurst Road, Monks Gate, West Sussex (VC13)	TQ199274	NE Bat Worker	Building Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Owner reports bats entering and leaving roof.
07/02/1988	Bunthornes, Sedgwick Lane, Sedgwick, Horsham, West Sussex (VC13)	TQ187281	NE Bat Worker	Building Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		Three different droppings found - may be wandering male bats. Possibly Long eared, Pipistrelle and Serotine.



29/10/1987	The Clock Inn, Southwater, West Sussex (VC13)	TQ156262	NE Bat Worker	Building Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1 Present	
01/01/1986 - 31/12/1986	Forest Lodge, Shipley Road, Southwater, West Sussex (VC13)	TQ155255	NE Bat Worker	Building Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	50 Present	
01/01/1985 - 31/12/1985	Forest Lodge, Shipley Road, Southwater, West Sussex (VC13)	TQ155255	NE Bat Worker	Building Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	66 Present	

## *Eptesicus serotinus*

## Serotine

A large bat that frequents pasture, parklands and gardens as well as the wider countryside. It forms summer roosts in buildings where it also probably hibernates. A widespread southern species in the UK, though often only present in small numbers. Its British strongholds are in the south east (widespread in Sussex) and parts of the West Country.

Date	Location	Grid Reference	Recorder	Sampling Method	M/S	H	FR	MR	UR	D	Abundance	Notes
01/09/2011	Christ's Hospital, Horsham	TQ15122855	Ecology Consultancy Ltd;Giles Coe	Building Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1 Male	Single male roosting in roof void.
09/08/2011	Christ's Hospital, Horsham	TQ15122855	Ecology Consultancy Ltd;Giles Coe	Roost Exit Count	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1 Present	Bat detector used.
20/06/2011	Land West of Southwater	TQ1426	Bioscan	Bat Survey	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1 Present	Dusk, overcast, cloudy, gusty wind, light rain 15.8-16
20/06/2011	Land West of Southwater	TQ1426	Bioscan	Bat Survey	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1 Present	Dusk, overcast,cloudy,gusty wind, light rain 15.8-16
20/07/2004	Chesworth Farm, HDC: Chesworth Farm	TQ178295	David King;Sheila Wright	Field Observation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1 Range of Not specified	heard
25/09/1987	Westlands, Two Mile Ash Road, Christ's Hospital, West Sussex (VC13)	TQ153283	NE Bat Worker	Building Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		Identified from old droppings.

*Myotis***Unidentified Bat****BAP**

Date	Location	Grid Reference	Recorder	Sampling Method	M/S	H	FR	MR	UR	D	Abundance	Notes
17/07/2012	Barns Green	TQ130270	Recorder @ Bioscan	Aural bat detector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		This species was recorded once in one evening
01/08/2011	Christ's Hospital, Horsham	TQ15122855	Ecology Consultancy Ltd;Giles Coe	Aural bat detector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Present Taxon	Numerous passing and in area.
12/07/2011	Christ's Hospital, Horsham	TQ15122855	Ecology Consultancy Ltd;Giles Coe	Roost Exit Count	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1 Present	Bat detector used.
21/06/2011	Land West of Southwater	TQ1426	Bioscan	Bat Survey	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1 Present	Cloudy, mild 13.6 - 14.5 001 - 196
21/06/2011	Land West of Southwater	TQ1426	Bioscan	Bat Survey	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1 Present	Cloudy, mild 13.6 - 14.5 001 - 196
20/06/2011	Land West of Southwater	TQ1426	Bioscan	Bat Survey	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4 Present	Dusk, overcast, cloudy, gusty wind, light rain 15.8-16
20/06/2011	Land West of Southwater	TQ1426	Bioscan	Bat Survey	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4 Present	Dusk, overcast,cloudy,gusty wind, light rain 15.8-16
27/05/2011	Land west of Southwater, West Sussex (VC13)	TQ154268	Recorder @ Bioscan	Aural bat detector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Taxon Present	1 registration recorded during a two surveyor transect dawn activity survey.

*Myotis daubentonii***Daubenton's Bat**

A medium-sized to small bat of woodland, usually near water (this species was sometimes known as the 'water bat'). It feeds largely on chironomid midges, caddis flies and mayflies. Summer roosts are in tree holes, semi-underground sites and occasionally buildings. During winter it hibernates in caves, mine tunnels, cellars and similar places. Widespread in Britain and apparently increasing in parts of its range and recorded throughout Sussex.

Date	Location	Grid Reference	Recorder	Sampling Method	M/S	H	FR	MR	UR	D	Abundance	Notes
01/06/2015	Sedgwick Castle House	TQ179271	Jonathan Bradley	Unknown	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1 Present	In flight.
08/04/2010	Southwater Country Park, HDC: Southwater Country Park	TQ159258	Jacob Everitt	Field Observation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	26 Range of Not specified	
29/05/2009	Chesworth Farm, HDC: Chesworth Farm	TQ178295	Stephen Delahunt	Field Observation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1 Range of Not specified	
03/09/2008	Southwater Country Park, HDC: Southwater Country Park	TQ159258	Unknown	Field Observation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2 Range of Not specified	
20/07/2004	Chesworth Farm, HDC: Chesworth Farm	TQ178295	David King;Sheila Wright	Field Observation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1 Range of Not specified	heard

*Myotis nattereri***Natterer's Bat**

A medium-sized bat with long ears inhabiting woodland and mixed farmland, often flying near water. In summer it roosts in old buildings, barns and hollow trees and it hibernates in caves, mines and other underground places. Found throughout much of the British Isles, but generally scarce. The UK population of Natterer's bats may be of international importance and it is widespread in Sussex.

Date	Location	Grid Reference	Recorder	Sampling Method	M/S	H	FR	MR	UR	D	Abundance	Notes
22/06/2002	Richmond Farm, Barns Green, West Sussex (VC13)	TQ134268	NE Bat Worker	Building Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1 Present	
02/08/1994	Southwater Street, Southwater, West Sussex (VC13)	TQ166279	Recorder @ Sussex Bat Group	Grounded Bat	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1 Injured male	Adult male injured.

*Nyctalus noctula***Noctule Bat**

BAP

A large bat of woodlands and wetland that sometimes occurs in towns. Summer roosts are usually in trees, where it can also hibernate. Other hibernation sites can be in rock fissures, bat boxes and sometimes buildings. Widespread, but declining in Sussex and in both England and Wales generally.

Date	Location	Grid Reference	Recorder	Sampling Method	M/S	H	FR	MR	UR	D	Abundance	Notes
17/09/2015	Chesworth Farm, West Sussex (VC13)	TQ17772931	Tim Thomas	Aural bat detector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Present Taxon	Identified by sound with bat detector and activity. Verified by Sally-Ann Hurry
20/05/2014	Chesworth Farm, HDC: Chesworth Farm	TQ178295	Jacob Everitt; Stuart Card	Field Observation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1 Range of Not specified	
14/05/2014	Marlands Estate, Plumtree Cross Lane, Barns Green	TQ134279	Sheila Wright	Unknown	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1 Present	Flying over site. Survey of farm buildings. Determined by Sheila Wright
17/07/2012	Barns Green	TQ130270	Recorder @ Bioscan	Aural bat detector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		This species was registered twice in one evening

*Pipistrellus***Pipstrelle sp.**

BAP

There are three species of Pipistrelle bat found in the UK; common (*Pipistrellus pipistrellus*), soprano (*P. pygmaeus*) and Nathusius (*P. Nathusii*). Common and soprano pipistrelles were previously recorded as one species, but they are now recognised as separate species, with a peak frequency echolocation at 45 kHz and 55 kHz respectively. The following records refer to an aggregate of the two species, where the audio frequency or specific species is undetermined. Little is known about the Nathusius pipistrelle, but the other two species are found in all types of countryside (except very exposed areas) as well as in towns and suburbs. Summer roosts are usually in buildings, though tree holes and bat boxes are also used. Hibernation sites are in buildings and tree holes. Both common and soprano pipistrelles are widespread in Sussex, while Nathusius' is much rarer.

Date	Location	Grid Reference	Recorder	Sampling Method	M/S	H	FR	MR	UR	D	Abundance	Notes
01/06/2015	Sedgwick Castle House	TQ179271	Jonathan Bradley	Unspecified	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	Daytime roost. behind roof and hanging tiles and in apices of fake gothic features.
12/06/2014	Chesworth Farm, HDC: Chesworth Farm	TQ178295	Stephen Delahunt	Field Observation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1 Range of Not specified	
14/05/2014	Marlands Estate, Plumtree Cross Lane, Barns Green	TQ134279	Sheila Wright	Unknown	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	c3 Present	Emerging from buildings. Survey of farm buildings. Determined by Sheila Wright
01/04/2014	Owlbeech, HDC: Chesworth Farm	TQ178295	Stephen Delahunt	Field Observation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1 Range of Not specified	
01/10/2013	Sedgwick Castle House	TQ179270	Jonathan Bradley	Unspecified	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	Many hundreds of Pip poos.
13/12/2011	Private property, Oaklands Close, Horsham	TQ184297	NE Bat Worker	Building Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
11/10/2011	Private property, Nursery, Worthing Road, Southwater	TQ160280	NE Bat Worker	Building Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
01/09/2011	Christ's Hospital, Horsham	TQ15122855	Ecology Consultancy Ltd;Giles Coe	Re-entry survey	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1 Present	Re-entered roost under eaves
09/08/2011	Christ's Hospital, Horsham	TQ15122855	Ecology Consultancy Ltd;Giles Coe	Roost Exit Count	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1 Present	Emerged from eaves
01/08/2011	Christ's Hospital, Horsham	TQ15122855	Ecology Consultancy Ltd;Giles Coe	Aural bat detector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Present Taxon	Numerous passing and in area.

12/07/2011	Christ's Hospital, Horsham	TQ15122855	Ecology Consultancy Ltd;Giles Coe	Re-entry survey	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	1 Present	Re-entered roost under eaves
21/06/2011	Land West of Southwater	TQ1426	Bioscan	Bat Survey	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	53 Present	Cloudy, mild 13.6 - 14.5 001 - 196
21/06/2011	Land West of Southwater	TQ1426	Bioscan	Bat Survey	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	5 Present	Cloudy, mild 13.6 - 14.5 001 - 196
21/06/2011	Land West of Southwater	TQ1426	Bioscan	Bat Survey	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	5 Present	Cloudy, mild 13.6 - 14.5 001 - 196
20/06/2011	Land West of Southwater	TQ1426	Bioscan	Bat Survey	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	58 Present	Dusk, overcast,cloudy,gusty wind, light rain 15.8-16
20/06/2011	Land West of Southwater	TQ1426	Bioscan	Bat Survey	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	3 Present	Dusk, overcast, cloudy, gusty wind, light rain 15.8-16
20/06/2011	Land West of Southwater	TQ1426	Bioscan	Bat Survey	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	3 Present	Dusk, overcast,cloudy,gusty wind, light rain 15.8-16
27/05/2011	Land west of Southwater, West Sussex (VC13)	TQ154268	Recorder @ Bioscan	Aural bat detector	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Taxon Present	6 registrations recorded during a two surveyor transect dawn activity survey.
26/05/2011	Land west of Southwater, West Sussex (VC13)	TQ154268	Recorder @ Bioscan	Aural bat detector	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Taxon Present	12 registrations recorded during a two surveyor transect dusk activity survey.
06/05/2011	Land west of Southwater, West Sussex (VC13)	TQ154268	Recorder @ Bioscan	Aural bat detector	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Taxon Present	3 registrations recorded during a two surveyor transect dawn activity survey.
05/05/2011	Land west of Southwater, West Sussex (VC13)	TQ154268	Recorder @ Bioscan	Aural bat detector	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Taxon Present	7 registrations recorded during a two surveyor transect dusk activity survey.
01/07/2010	Martindale Farm and Adjacent Field, Worthing Road, Southwater, West Sussex (VC13)	TQ161280	Recorder @ ASW Ecology	Building Inspection	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	Taxon Present	No bat roosts recorded in roof voids. Recent droppings recorded on external windowsills at the front and rear of the the main house, considered to be from foraging bats.
30/07/2009	Chesworth Farm, HDC: Chesworth Farm	TQ178295	Stephen Delahunt	Field Observation	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
03/07/2009	Chesworth Farm, HDC: Chesworth Farm	TQ178295	Stephen Delahunt	Field Observation	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	1 Range of Not specified	
02/07/2009	Chesworth Farm, HDC: Chesworth Farm	TQ178295	Stephen Delahunt	Field Observation	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	1 Range of Not specified	
06/06/2009	Chesworth Farm, HDC: Chesworth Farm	TQ178295	Stephen Delahunt	Field Observation	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	2 Range of Not specified	
29/05/2009	Chesworth Farm, HDC: Chesworth Farm	TQ178295	Stephen Delahunt	Field Observation	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	1 Range of Not specified	

01/11/2008	Hop Oast Farm, Horsham, West Sussex (VC13)	TQ166288	Recorder @ Corylus Ecology	Building Inspection	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	taxon Present	In Hop Oast Farmhouse. Evidence of use of hanging tiles and possibly soffit box. No evidence of use by bats found in accessible roof voids.
09/10/2008	Chesworth Farm, HDC: Chesworth Farm	TQ178295	Unknown	Field Observation	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	1 Range of Not specified	
04/10/2008	2 Bedford Cottages, Cross Lane, Barns Green. RH13 0RV, West Sussex (VC13)	TQ130262	NE Bat Worker	Building Inspection	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	130 Present	1900's brick house. Very fresh and mixed age droppings throughout loft. Roost likely between roof tiles and roof lining. Owner has counted 80 bats emerge from attic, and 50 from adjoining semi's attic in summer 2008.
03/09/2008	Southwater Country Park, HDC: Southwater Country Park	TQ159258	Unknown	Field Observation	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	3 Range of Not specified	
20/06/2008	Chesworth Farm, HDC: Chesworth Farm	TQ178295	Unknown	Field Observation	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	2 Range of Not specified	
21/05/2008	Chesworth Farm, HDC: Chesworth Farm	TQ178295	Unknown	Field Observation	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	1 Range of Not specified	
07/08/2007	7 Millfield, Southwater, Horsham, RH13 9HU, West Sussex (VC13)	TQ166256	NE Bat Worker	Building Inspection	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>		Species identified by droppings.
03/12/2005	2 Bedroom Cottage, Crosslane, Barnes Green, Horsham, RH13 0RV, West Sussex (VC13)	TQ131262	NE Bat Worker	Building Inspection	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>		Development.
01/07/2005	70 Bluecoat Pond, Christ's Hospital, Horsham, West Sussex (VC13)	TQ150289	NE Bat Worker	Building Inspection	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	68 Present	
11/08/1994	20 The Fielding, Southwater, West Sussex (VC13)	TQ154253	NE Bat Worker	Visual	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	1 Dead Juvenile	
01/07/1991	Home Farm, Christ's Hospital, West Sussex (VC13)	TQ148289	David King	Building Inspection	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Bat(s) Present	
31/07/1987	93 Woodlands Way, Southwater, West Sussex (VC13)	TQ153257	NE Bat Worker	Building Inspection	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	50 Present	

*Pipistrellus pipistrellus***Common Pipistrelle (45 kHz)**

The common pipistrelle (*Pipistrellus pipistrellus*) and soprano pipistrelle (*P. pygmaeus*) were previously recorded as one species. They are now recognised as separate species, with a peak frequency echolocation at 45 kHz and 55 kHz respectively. Pipistrelles are the most common bat in the British Isles and are found in all types of countryside (except very exposed areas) as well as in towns and suburbs. Summer roosts are usually in buildings, though tree holes and bat boxes are also used. Winter roosts are in buildings and tree holes.

Date	Location	Grid Reference	Recorder	Sampling Method	M/S	H	FR	MR	UR	D	Abundance	Notes
25/10/2013	Castle House, Broadwater Lane, Copsale	TQ179270	David King;Sheila Wright	Building Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1 Bat(s)	Corpse in building to be redeveloped under licence.
23/09/2013	Gem Cottage, Plumtree Cross Lane, Barns Green	TQ134279	David King;Sheila Wright	Building Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Present Bat(s)	Pass recorded on bat detector.
18/07/2012	Barns Green	TQ130270	Recorder @ Bioscan	Aural bat detector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		This species was recorded 30 times at dawn
17/07/2012	Barns Green	TQ130270	Recorder @ Bioscan	Aural bat detector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		This species was registered 20 times in one evening
06/07/2012	53 Blue Coat Pond,Christ Church, Horsham	TQ150288	Amanda Millar	Grounded Bat	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1 Infant	
21/06/2011	Land West of Southwater	TQ1426	Bioscan	Bat Survey	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	53 Present	Cloudy, mild 13.6 - 14.5 001 - 196
20/06/2011	Land West of Southwater	TQ1426	Bioscan	Bat Survey	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	58 Present	Dusk, overcast, cloudy, gusty wind, light rain 15.8-16
27/05/2011	Land west of Southwater, West Sussex (VC13)	TQ154268	Recorder @ Bioscan	Aural bat detector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Taxon Present	70 registrations recorded during a two surveyor transect dawn activity survey.
26/05/2011	Land west of Southwater, West Sussex (VC13)	TQ154268	Recorder @ Bioscan	Aural bat detector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Taxon Present	159 registrations recorded during a two surveyor transect dusk activity survey.
26/05/2011	Land west of Southwater, West Sussex (VC13)	TQ154268	Recorder @ Bioscan	Aural bat detector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Taxon Present	29 registrations recorded during a two surveyor transect dawn activity survey.
05/05/2011	Land west of Southwater, West Sussex (VC13)	TQ154268	Recorder @ Bioscan	Aural bat detector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Taxon Present	77 registrations recorded during a two surveyor transect dusk activity survey.
01/07/2010	Martindale Farm and Adjacent Field, Worthing Road, Southwater, West Sussex (VC13)	TQ161280	Recorder @ ASW Ecology	Aural bat detector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Taxon Present	14 passes recorded during an emergence survey. Bats foraging right up to the windows of the house.



22/06/2010	Martindale Farm and Adjacent Field, Worthing Road, Southwater, West Sussex (VC13)	TQ161280	Recorder @ ASW Ecology	Aural bat detector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Taxon Present	18 passes recorded during an emergence survey with up to 3 individuals recorded at any one time. Bats foraging right up to the windows of the house.
22/06/2010	Martindale Farm, Worthing Road, West Sussex (VC13)	TQ161280	Recorder @ ASW Ecology	Aural bat detector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3 Present	Seen and heard flying around house and site with a maximum of three recorded at any one time.
16/06/2010	Martindale Farm and Adjacent Field, Worthing Road, Southwater, West Sussex (VC13)	TQ161280	Recorder @ ASW Ecology	Aural bat detector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Taxon Present	6 passes recorded during an emergence survey. Bats foraging right up to the windows of the house.
16/06/2010	Martindale Farm, Worthing Road, West Sussex (VC13)	TQ161280	Recorder @ ASW Ecology	Aural bat detector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Taxon Present	Seen and heard flying and foraging around house, hedge and treeline.
10/09/2007	West Sussex (VC13), Building 3, Christs Hospital Barns, Southwater	TQ148289	Recorder @ Whitby Wild Cons	Building Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	taxon Present	Old timber frame building, clay tile roof, 2o floorsAgricultural building.Night vision camera two bats emergings from underneath the ridge tiles into this building. Small cluster of droppings in top floor from one of the small bat species.
20/07/2004	Chesworth Farm, HDC: Chesworth Farm	TQ178295	David King;Sheila Wright	Field Observation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8 Range of Not specified	2 seen, 6 heard

*Pipistrellus pygmaeus***Soprano Pipstrelle (55 kHz)**

BAP

For a while considered as a variant of the common pipistrelle, the soprano pipistrelle is now recognised as a separate species. Pipistrelles are the most common bat in the British Isles and are found in all types of countryside (except very exposed areas) as well as in towns and suburbs. This species has a stronger association with water than common pipistrelle. Summer roosts are usually in buildings, though tree holes and bat boxes are also used. Winter roosts are in buildings and tree holes.

Date	Location	Grid Reference	Recorder	Sampling Method	M/S	H	FR	MR	UR	D	Abundance	Notes
01/06/2015	Sedgwick Castle House	TQ179271	Jonathan Bradley	Unspecified	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3	Daytime roost. behind roof and hanging tiles
22/07/2013	Southwater	TQ15942623	NE Bat Worker	Droppings	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
18/07/2012	Barns Green	TQ130270	Recorder @ Bioscan	Aural bat detector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		This species was recorded 2 times at dawn
17/07/2012	Barns Green	TQ130270	Recorder @ Bioscan	Aural bat detector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		This species was registered once in one evening
01/08/2011	Christ's Hospital, Horsham	TQ15122855	Ecology Consultancy Ltd;Giles Coe	Aural bat detector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Present Taxon	Numerous passing and in area.
27/06/2011	Horsham	TQ154259	Jenny Clark	Grounded Bat	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1 Juvenile Female	Cat attack. Thin, weak. Died same day.
22/06/2011	100 College Road, Southwater, Horsham	TQ154259	Amanda Millar	Grounded Bat	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1 Juvenile Female	Roost at 127 College Road, Southwater, Horsham, 300 pips, roost exclusion BCT dealing with
21/06/2011	Land West of Southwater	TQ1426	Bioscan	Bat Survey	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	12 Present	Cloudy, mild 13.6 - 14.5 001 - 196
21/06/2011	Land West of Southwater	TQ1426	Bioscan	Bat Survey	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	12 Present	Cloudy, mild 13.6 - 14.5 001 - 196
20/06/2011	Land West of Southwater	TQ1426	Bioscan	Bat Survey	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	18 Present	Dusk, overcast, cloudy, gusty wind, light rain 15.8-16
20/06/2011	Land West of Southwater	TQ1426	Bioscan	Bat Survey	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	18 Present	Dusk, overcast,cloudy,gusty wind, light rain 15.8-16
27/05/2011	Land west of Southwater, West Sussex (VC13)	TQ154268	Recorder @ Bioscan	Aural bat detector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Taxon Present	17 registrations recorded during a two surveyor transect dawn activity survey.
26/05/2011	Land west of Southwater, West Sussex (VC13)	TQ154268	Recorder @ Bioscan	Aural bat detector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Taxon Present	20 registrations recorded during a two surveyor transect dusk activity survey.
06/05/2011	Land west of Southwater, West Sussex (VC13)	TQ154268	Recorder @ Bioscan	Aural bat detector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Taxon Present	5 registrations recorded during a two surveyor transect dawn activity survey.

05/05/2011	Land west of Southwater, West Sussex (VC13)	TQ154268	Recorder @ Bioscan	Aural bat detector	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Taxon Present	8 registrations recorded during a two surveyor transect dusk activity survey.
20/07/2004	Chesworth Farm, HDC: Chesworth Farm	TQ178295	David King;Sheila Wright	Field Observation	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	1 Range of Not specified	heard

*Plecotus***Long-eared sp.**

BAP

It is difficult to distinguish the rare grey long-eared bat from the much more common brown long-eared bat without studying in the hand. This also applies to identifying the species from their droppings.

Date	Location	Grid Reference	Recorder	Sampling Method	M/S	H	FR	MR	UR	D	Abundance	Notes
14/05/2014	Marlands Estate, Plumtree Cross Lane, Barns Green	TQ134279	Sheila Wright	Unknown	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Present Taxon	Feeding perch. Survey of farm buildings. Determined by Sheila Wright
25/10/2013	Castle House, Broadwater Lane, Copsale	TQ179270	David King;Sheila Wright	Building Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		Large number of droppings in roof voids & building to be redeveloped under licence
23/09/2013	Gem Cottage, Plumtree Cross Lane, Barns Green	TQ134279	David King;Sheila Wright	Building Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		Droppings in buildings to be redeveloped
17/07/2012	Barns Green	TQ130270	Recorder @ Bioscan	Aural bat detector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		This species was registered 3 times in one evening
08/12/2011	Private property, Mill Straight, Southwater	TQ159254	NE Bat Worker	Building Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
22/11/2011	Private property, Tower Hill, Horsham	TQ164296	NE Bat Worker	Building Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
01/09/2011	Christ's Hospital, Horsham	TQ15122855	Ecology Consultancy Ltd;Giles Coe	Re-entry survey	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	21 Present	Re-entered roost via eaves
09/08/2011	Christ's Hospital, Horsham	TQ15122855	Ecology Consultancy Ltd;Giles Coe	Roost Exit Count	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1 Present	Small numbers emerging from eaves
12/07/2011	Christ's Hospital, Horsham	TQ15122855	Ecology Consultancy Ltd;Giles Coe	Re-entry survey	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	26 Present	Re-entered roost
27/05/2011	Land west of Southwater, West Sussex (VC13)	TQ154268	Recorder @ Bioscan	Aural bat detector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Taxon Present	1 registration recorded during a two surveyor transect dawn activity survey.
26/05/2011	Land west of Southwater, West Sussex (VC13)	TQ154268	Recorder @ Bioscan	Aural bat detector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Taxon Present	3 registrations recorded during a two surveyor transect dusk activity survey.

01/11/2008	Hop Oast Farm, Horsham, West Sussex (VC13)	TQ166288	Recorder @ Corylus Ecology	Building Inspection	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	taxon Present	Stable 1 showed evidence of long-eared night roosting in the main stalls. Feed room store attached to stables had evidence of night roosting by long-eared bats. Potential for day roost under ridge tiles.
01/11/2008	Hop Oast Farm, Horsham, West Sussex (VC13)	TQ166288	Recorder @ Corylus Ecology	Building Inspection	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	taxon Present	Evidence of night roosting and feeding perch in Stable block 2.
01/11/2008	Hop Oast Farm, Horsham, West Sussex (VC13)	TQ166288	Recorder @ Corylus Ecology	Building Inspection	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	taxon Present	Long-eared bat seen roosting inside building, potential for daytime roosting in the void itself, between rood tiles and underlining and under ridge tiles.
01/11/2008	Hop Oast Farm, Horsham, West Sussex (VC13)	TQ166288	Recorder @ Corylus Ecology	Building Inspection	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	taxon Present	Small number of droppings in Greenkeepers Buildings, roosting potential in the void itself and under ridge tiles.
10/09/2007	West Sussex (VC13), Building 1, Christs Hospital Barns, Southwater	TQ148289	Recorder @ Whitby Wild Cons	Building Inspection	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	taxon Present	Night vision video.3-sectioned,3 storey building,with 3 large pitched clay tile rooves,agricultural building. Area above, a flat roof. Night vision camera recorded one bat emerging from wooden fascia board on front of building
10/09/2007	Building 3, Christs Hospital Barns, Southwater, West Sussex (VC13)	TQ148289	Recorder @ Whitby Wild Cons	Building Inspection	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	taxon Present	Old timber frame building, clay tile roof, two floors. Agricultural building. Odd droppings underneath mortise joints.
20/07/2004	Chesworth Farm, HDC: Chesworth Farm	TQ178295	David King;Sheila Wright	Field Observation	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	1 Range of Not specified	heard
02/03/2003	5 Pipers Close, Southwater, Horsham, West Sussex (VC13)	TQ156264	NE Bat Worker	Grounded Bat	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	2 Present	

*Plecotus auritus***Brown Long-eared Bat**

BAP

One of the more common British bat species, but difficult to distinguish from the much rarer grey long-eared bat (*Plecotus austriacus*), unless in the hand. It frequents woodland and orchards and has summer roosts in older buildings and trees. It often hibernates in caves, tunnels and mines. The brown long-eared has declined in the British Isles though it remains widespread.

Date	Location	Grid Reference	Recorder	Sampling Method	M/S	H	FR	MR	UR	D	Abundance	Notes
01/06/2015	Sedgwick Castle House	TQ179271	Jonathan Bradley	Unspecified	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5	Daytime roost, feeding roost and possible breeding roost.
04/09/2014	Southwater, West Sussex (VC13)	TQ157265	Amanda Millar	Bat Rescue	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1 Juvenile Male	In hand, juvenile, caught by cat, rehabilitated and released. Verified by Sally-Ann Hurry
01/10/2013	Sedgwick Castle House	TQ179270	Jonathan Bradley	Unspecified	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	Thousands of (mostly old) BLE? poos and many hundreds of moth wings. 1 BLE in loft.
13/12/2011	Private property, Oaklands Close, Horsham	TQ184297	NE Bat Worker	Building Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
01/09/2011	Christ's Hospital, Horsham	TQ15122855	Ecology Consultancy Ltd; Giles Coe	Building Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	45 Present	In excess of 45 adults roosting within roof void.
24/06/2011	Christ's Hospital, West Sussex (VC13)	TQ151285	Recorder JD Ecology	Building Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3 Adult	Health Centre.
09/11/2010	15 Hernbrook Drive, Horsham	TQ184299	Amanda Millar	Grounded Bat	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1 Juvenile Male	Hibernating in security box, fell out when disturbed
11/02/2007	The Lodge, Bourne Hill House, Kerves Lane, Horsham, RH13 6RJ, West Sussex (VC13)	TQ176284	NE Bat Worker	Building Inspection	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1 Hibernating	
08/12/2005	The Counting House, Horsham, RH13 0YP, West Sussex (VC13)	TQ157280	NE Bat Worker	Building Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	6 Present	Exclusion to the bat site.
01/01/2003	Southwater, West Sussex (VC13)	TQ165256	David King	Unspecified	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	3 Present	
21/09/2001	Yarne Cottage, Tower Hill, Horsham, West Sussex (VC13)	TQ161297	NE Bat Worker	Building Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1 Present	

01/09/1997	Birchenbridge House, Brighton Road, Horsham, West Sussex (VC13)	TQ194291	NE Bat Worker	Building Inspection	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	12 Present	Droppings found and old Serotine droppings as well.
26/10/1996	42 Sandeman Way, Horsham, West Sussex (VC13)	TQ184299	NE Bat Worker	Building Inspection	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	1 Present	A temporary male roost with droppings.
09/07/1994	1 Easteds Cottages, Easteds Lane, Southwater, West Sussex (VC13)	TQ165267	NE Bat Worker	Building Inspection	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	1 Dead	Fresh droppings were found.
01/06/1992	Westlands, Two Mile Ash Road, Two Mile Ash nr. Horsham, West Sussex (VC13)	TQ153283	NE Bat Worker	Building Inspection	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	1 Juvenile	A few old droppings found. A small roost used for a short period of time. Evidence of a pipistrelle colony found.
01/07/1991	Home Farm, Christ's Hospital, West Sussex (VC13)	TQ148289	David King	Building Inspection	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Bat(s) Present	
21/11/1987	Home Farm Cottage, Denne Park, Horsham, West Sussex (VC13)	TQ166286	NE Bat Worker	Building Inspection	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	1 Adult; 2 Hibernating	In roof extension.
1969	Christs Hospital, West Sussex (VC13)	TQ1428	N T Fryer	Unspecified	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		

## SUSSEX BIRD INVENTORY



The SxBRC holds nearly 1.5 million bird records provided by the Sussex Ornithological Society (SOS), ranging from 1990 onwards. Records within the breeding season of species classed as sensitive in Sussex are not included in the Bird Inventory report. Any breeding season records of these species within your search area will be flagged up at the top of the report. It is recommended that the SOS is contacted directly for further information as the birds in question will be protected by law and may be affected if potentially damaging operations are to be carried out. The list of withheld species is available on [our website](#).

### Icons used in the Bird Inventory:



#### Schedule 1 birds

Schedule 1 of the Wildlife and Countryside Act 1981 provides an additional tier of protection so that rare species are specially protected by increased penalties and cannot be intentionally or recklessly disturbed when nesting. **Schedule 1 status also infers a right of arrest** by a police officer if someone is suspected of committing certain offences against one of these species.

#### **BAP** Biodiversity Action Plan Species (UK BAP)

Twenty-six species of bird are identified as Priority Species in the UK Biodiversity Action Plan (UK BAP), each the subject of a dedicated action plan which seeks to reverse their declines and protect vulnerable populations. Any Priority Species recorded within your enquiry area will be indicated in the species information of the bird report. Further details of BAP bird species can be found on the [JNCC website](#).



#### Natural Environment & Rural Communities (NERC) Act

There are 49 bird species on the England Biodiversity List which was drawn up to meet the requirements of Section 41 of the Act. Further details of the NERC Act can be found on the [Natural England website](#).

#### Birds of Conservation Concern 3 (2009)

Every five years the leading governmental and non-governmental conservation organisations in the UK review the population status of the 247 species of bird that are regularly found in the UK. There are three lists – Red, Amber and Green - into which each of the species has been placed. 40 species are Red-listed, 121 are Amber-listed and 86 are Green-listed. The status decisions are based on several factors which include: the species' global and European conservation status; recent and historical decline; whether it is a rare breeder; if it is only confined to a few sites in the UK; and if the species is of international importance.



**Red List** species are those that are **Globally Threatened** according to IUCN criteria; those whose population or range has decline rapidly in recent years; and those that have declined historically and not shown a substantial recent recovery.



**Amber List** species are those with **Unfavourable Conservation Status** in Europe; those whose population or range has declined moderately in recent years; those whose population has declined historically but made a substantial recent recovery; rare breeders; and those with internationally important or localised populations.

**Green List** species are those that do not fulfil any of the above criteria. Some of these species are however protected by law and the list includes some Schedule 1 species which have the highest level of protection. A green icon will not appear in our reports.

This information has been obtained from '**Birds of Conservation Concern 3' (BoCC3)** which can be downloaded from the [RSPB website](#).

### Other bird legislation and conservation measures:

#### Wildlife and Countryside Act (WCA) 1981

All British birds, their nests and eggs are protected by UK law. It is an offence to take, kill or injure any wild bird or to take, damage, destroy any nest or egg of any wild bird under Part 1 of the Wildlife and Countryside Act 1981, Schedules 1-4.



## Hedgerow removal and birds

**It is advisable not to trim, cut or remove hedgerows during the bird nesting season.** You will be violating the Wildlife and Countryside Act if there are birds nesting within it due to the disturbance or destruction of their habitat whilst nesting. The Hedgerows Regulations were introduced in 1997 to protect important hedgerows in the countryside. The regulations state that it is a criminal offence, unless an exception applies, to deliberately remove or otherwise destroy a hedgerow without permission. Please apply to your local planning authority for a Hedgerow Removal Application. Domestic hedges are not included in this regulation, however it is still illegal to cut or remove any hedges if birds are suspected to be nesting in it.

## Birds in roofs

There are various species that may nest in roofs. Unless they are causing a health hazard, the nests, eggs and chicks are protected by law. The parent birds must not be prevented from gaining access to their nest. Many of the birds that use roof spaces are now species of conservation concern because of their population decline over the past 25 years. Starlings and House Sparrows are Red-listed, while Barn Owls, House Martins and Swallows are Amber-listed (see next page for details). Roofs are also important for Swifts.

Further information about birds and the law can be found on the [RSPB website](#).

## Environmental Stewardship Target Species

Farmland birds are one of the key targets of which a landowner can be awarded points through the Higher Level Stewardship scheme. Each Joint Character Area (e.g. High Weald, South Downs, South Coast Plain etc.) has specific key bird species whose populations must be maintained or enhanced to gain points as part of the land owner's 'Farm Environment Plan'. This can be done through a combination of management practices which should provide year round habitat requirements, in locations where these birds are known to be present or within 2km of such sites. If a key farmland bird species appears in your report, it will show to which Joint Character Area it is linked.

Further information about agri-environment schemes can be found on the [RSPB website](#).

## EU Birds Directive

The Birds Directive addresses the conservation of all wild birds throughout the European Union, including marine areas, and covers their protection, management, control and exploitation. It applies to the birds, their eggs, nests and habitats. It places a broad requirement on Member States to take necessary measures to maintain the populations of all wild birds at levels determined by ecological, scientific and cultural needs. In doing so, Member States must also consider economic and recreational needs.

The Directive divides into two main parts: **habitat conservation** and **species protection**. In summary, it requires Member States to preserve, maintain and re-establish sufficient diversity and area of habitats for all wild birds.

### Annex 1:

Species listed in Annex 1 of the Birds Directive are the subject of special conservation measures concerning their habitat to ensure their survival and reproduction. This includes the designation of areas as Special Protection Areas (SPAs).

### Annex 2:

Annex 2 of the Birds Directive lists birds that can be hunted under the legislation of the Member States. The Directive bans certain non-selective methods of hunting and defines the limits within which Member States can set the hunting season.

Further information about the EU Birds Directive can be found on the [BirdLife website](#).

## IUCN Red List

The World Conservation Union (IUCN) has been assessing the conservation status of species, subspecies, varieties and even selected sub-populations on a global scale in order to highlight taxa threatened with extinction, and therefore promote their conservation. The IUCN Red List (different from the previously mentioned Red List) is the world's most comprehensive inventory of the global conservation status of plant and animal species. It uses a set of criteria to evaluate the extinction risk of thousands of species and subspecies. These criteria are relevant to all species and all regions of the world. With its strong scientific base, the IUCN Red List is recognized as the most authoritative guide to the status of biological diversity.

Further information about the Red List can be found on the [IUCN website](#).

## SUSSEX BIRD INVENTORY REPORT SUMMARY

N.B. The breeding season records of 15 Schedule 1 birds and three other species which are classed as sensitive in Sussex are not included in our biodiversity reports (see [www.sxbrc.org.uk/data-requests/SOS-excluded-data.pdf](http://www.sxbrc.org.uk/data-requests/SOS-excluded-data.pdf) for list of excluded species). 216 such records have been flagged up in this search. The Sussex Ornithological Society (SOS) should be contacted directly for more information on these records if potentially damaging operations are to occur in the enquiry area. Email: [conservation@sos.org.uk](mailto:conservation@sos.org.uk)

### Land at Southwater Parish

11 November 2016 SxBRC/16/548 **Search Area:**

Prepared for Jennifer Nagy (Southwater Parish Council)

Common Name	Latin Name	First Date	Last Date	No. of Rec's	Total Abundance	Max. Abundance
Canada Goose	<i>Branta canadensis</i>	01/05/1990	30/01/2016	1726	20579	227
Barnacle Goose	<i>Branta leucopsis</i>	15/09/2000	16/05/2014	8	68	42
Brent Goose	<i>Branta bernicla</i>	11/01/2014	-	2	2	1
Mute Swan	<i>Cygnus olor</i>	09/04/1983	30/01/2016	3868	13787	73
Black Swan	<i>Cygnus atratus</i>	30/05/2001	31/05/2001	2	2	1
Goosander	<i>Mergus merganser</i>	01/01/2012	-	1	1	1
Greylag Goose	<i>Anser anser</i>	03/04/1997	06/04/2015	85	208	20
Bar-headed Goose	<i>Anser indicus</i>	14/09/1996	17/09/1996	2	2	1
Egyptian Goose	<i>Alopochen aegyptiacus</i>	07/01/2004	17/08/2013	11	16	2
Mandarin Duck	<i>Aix galericulata</i>	24/03/1980	18/05/2014	108	263	14
Wigeon	<i>Anas penelope</i>	20/11/2005	29/11/2014	9	39	15
Gadwall	<i>Anas strepera</i>	18/01/2015	-	1	1	1
Teal	<i>Anas crecca</i>	12/03/2000	21/01/2016	13	44	4
Mallard	<i>Anas platyrhynchos</i>	09/04/1983	08/07/2016	3528	81098	135
Shoveler	<i>Anas clypeata</i>	12/03/2000	02/12/2013	7	14	7
Chiloé Wigeon	<i>Anas sibilatrix</i>	01/09/1996	15/03/1998	6	6	1
Red-crested Pochard	<i>Netta rufina</i>	05/03/2001	08/03/2009	6	5	1
Pochard	<i>Aythya ferina</i>	15/12/1996	22/01/2016	120	635	58
Tufted Duck	<i>Aythya fuligula</i>	01/01/1996	30/01/2016	2381	69436	148
Common Scoter	<i>Melanitta nigra</i>	16/06/1990	-	2	16	8
Smew	<i>Mergellus albellus</i>	23/02/1996	08/12/1998	4	8	3

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Common Name	Latin Name	First Date	Last Date	No. of Rec's	Total Abundance	Max. Abundance
Little Egret	<i>Egretta garzetta</i>	15/02/2006	26/01/2016	32	43	4
Grey Heron	<i>Ardea cinerea</i>	03/01/1999	08/07/2016	518	579	7
Spoonbill	<i>Platalea leucorodia</i>	03/04/2009	08/04/2009	2	2	1
Red-legged Partridge	<i>Alectoris rufa</i>	18/03/1992	-	1	4	4
Pheasant	<i>Phasianus colchicus</i>	28/04/2000	30/01/2016	212	327	10
Helmeted Guineafowl	<i>Numida meleagris</i>	20/08/2007	-	1	1	1
Little Grebe	<i>Tachybaptus ruficollis</i>	15/02/1983	06/04/2015	10	12	2
Great Crested Grebe	<i>Podiceps cristatus</i>	05/04/1977	30/01/2016	1431	1877	6
Leach's Petrel	<i>Oceanodroma leucorhoa</i>	20/12/1910	-	1	1	1
Cormorant	<i>Phalacrocorax carbo</i>	15/01/1998	31/01/2016	608	1178	154
Southern Cormorant	<i>Phalacrocorax carbo subsp. sinensis</i>	02/02/2004	-	1	1	1
Marsh Harrier	<i>Circus aeruginosus</i>	01/06/2004	-	1	1	1
Sparrowhawk	<i>Accipiter nisus</i>	01/04/1989	25/01/2016	308	326	5
Buzzard	<i>Buteo buteo</i>	15/02/2003	30/01/2016	481	720	9
Osprey	<i>Pandion haliaetus</i>	03/10/2008	27/08/2014	6	5	1
Kestrel	<i>Falco tinnunculus</i>	08/10/1991	04/12/2015	385	412	3
Hobby	<i>Falco subbuteo</i>	08/09/2007	19/10/2009	4	4	1
Peregrine	<i>Falco peregrinus</i>	12/10/2006	01/09/2014	7	7	1
Moorhen	<i>Gallinula chloropus</i>	24/04/1983	30/01/2016	3848	20398	96
Water Rail	<i>Rallus aquaticus</i>	06/01/1979	26/01/2016	207	214	6
Corncrake	<i>Crex crex</i>	01/10/1974	-	1	2	2
Coot	<i>Fulica atra</i>	03/04/1983	30/01/2016	1721	12574	48
Oystercatcher	<i>Haematopus ostralegus</i>	22/09/2009	-	1	0	0
Lapwing	<i>Vanellus vanellus</i>	14/03/1990	06/04/2015	15	172	80
Common Sandpiper	<i>Actitis hypoleucos</i>	03/07/1996	24/04/2015	40	81	7
Snipe	<i>Gallinago gallinago</i>	02/03/2009	13/03/2014	14	15	2
Jack Snipe	<i>Lymnocyptes minimus</i>	02/03/2009	-	1	1	1
Woodcock	<i>Scolopax rusticola</i>	13/05/1976	08/02/2012	15	14	1
Knot	<i>Calidris canutus</i>	18/09/2008	-	1	1	1
Redshank	<i>Tringa totanus</i>	11/08/2006	03/02/2014	2	1	1
Green Sandpiper	<i>Tringa ochropus</i>	06/01/1979	02/05/1980	2	3	2
Common Gull	<i>Larus canus</i>	29/01/2004	06/03/2011	17	96	72
Lesser Black-backed Gull	<i>Larus fuscus</i>	10/02/2002	22/12/2015	66	138	32
Herring Gull	<i>Larus argentatus</i>	08/11/1998	30/01/2016	898	8229	423
Great Black-backed Gull	<i>Larus marinus</i>	03/03/2007	03/07/2010	5	21	14
Black-headed Gull	<i>Chroicocephalus ridibundus</i>	07/10/1996	31/01/2016	2342	122043	1144
Black Tern	<i>Chlidonias niger</i>	28/08/2005	28/08/2008	2	2	1
Common Tern	<i>Sterna hirundo</i>	02/06/2004	08/06/2015	22	23	2
Little Auk	<i>Alle alle</i>	04/11/1985	-	1	1	1

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Common Name	Latin Name	First Date	Last Date	No. of Rec's	Total Abundance	Max. Abundance
Feral Pigeon	<i>Columba livia</i>	09/02/1997	03/10/2015	51	223	30
Stock Dove	<i>Columba oenas</i>	17/04/2006	06/10/2015	107	162	13
Woodpigeon	<i>Columba palumbus</i>	09/02/1997	31/01/2016	1206	19975	1200
Collared Dove	<i>Streptopelia decaocto</i>	09/02/1997	04/12/2015	266	409	22
Turtle Dove	<i>Streptopelia turtur</i>	29/05/1977	01/03/2004	10	50	15
Ring-necked Parakeet	<i>Psittacula krameri</i>	02/10/1999	29/11/2007	4	18	15
Cuckoo	<i>Cuculus canorus</i>	23/04/1990	04/06/2015	64	62	3
Barn Owl	<i>Tyto alba</i>	07/10/1976	28/12/2014	34	36	4
Little Owl	<i>Athene noctua</i>	24/07/1977	30/09/2012	39	45	4
Tawny Owl	<i>Strix aluco</i>	26/06/1977	19/09/2015	68	73	3
Short-eared Owl	<i>Asio flammeus</i>	12/10/2014	-	1	1	1
Swift	<i>Apus apus</i>	29/04/2000	09/07/2015	242	1628	60
Kingfisher	<i>Alcedo atthis</i>	01/06/1976	24/01/2016	297	313	3
Wryneck	<i>Jynx torquilla</i>	04/09/2001	25/08/2012	3	3	1
Green Woodpecker	<i>Picus viridis</i>	05/04/1987	29/01/2016	735	815	5
Great Spotted Woodpecker	<i>Dendrocopos major</i>	27/06/1981	30/01/2016	689	876	8
Lesser Spotted Woodpecker	<i>Dendrocopos minor</i>	24/02/1980	11/10/2014	95	113	6
Sedge Warbler	<i>Acrocephalus schoenobaenus</i>	24/05/2004	28/04/2015	12	12	2
Reed Warbler	<i>Acrocephalus scirpaceus</i>	07/05/2004	22/08/2015	304	666	20
Grasshopper Warbler	<i>Locustella naevia</i>	19/06/1977	08/05/1981	7	20	6
Wood Warbler	<i>Phylloscopus sibilatrix</i>	13/09/1986	-	1	1	1
Chiffchaff	<i>Phylloscopus collybita</i>	12/05/1990	25/10/2015	642	1851	20
Willow Warbler	<i>Phylloscopus trochilus</i>	12/05/1990	29/09/2015	142	237	10
Woodlark	<i>Lullula arborea</i>	24/07/2000	-	1	1	1
Skylark	<i>Alauda arvensis</i>	27/01/1996	08/07/2016	378	1008	40
Sand Martin	<i>Riparia riparia</i>	31/03/2001	18/04/2013	13	32	6
Swallow	<i>Hirundo rustica</i>	06/04/2004	06/10/2015	458	2052	60
House Martin	<i>Delichon urbicum</i>	28/06/2004	06/10/2015	218	2919	1000
Tree Pipit	<i>Anthus trivialis</i>	16/06/1977	01/06/1986	12	56	7
Meadow Pipit	<i>Anthus pratensis</i>	05/10/2004	14/11/2015	127	1268	50
Yellow Wagtail	<i>Motacilla flava</i>	11/09/2008	21/09/2009	4	4	1
Grey Wagtail	<i>Motacilla cinerea</i>	01/07/1967	13/10/2015	192	244	7
Pied Wagtail	<i>Motacilla alba</i>	01/05/1990	13/03/2015	32	242	180
White Wagtail	<i>Motacilla alba subsp. alba</i>	20/10/2005	14/04/2011	4	4	3
Pied Wagtail	<i>Motacilla alba subsp. yarrellii</i>	01/01/2004	08/11/2015	290	2212	215
Waxwing	<i>Bombycilla garrulus</i>	23/03/2001	01/01/2011	35	1775	300
Wren	<i>Troglodytes troglodytes</i>	20/05/1991	30/01/2016	728	1591	23
Duncock	<i>Prunella modularis</i>	28/04/2000	30/01/2016	614	1003	8
Robin	<i>Erithacus rubecula</i>	20/05/1991	01/04/2016	1195	5167	30

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Common Name	Latin Name	First Date	Last Date	No. of Rec's	Total Abundance	Max. Abundance
Nightingale	<i>Luscinia megarhynchos</i>	01/06/1980	26/04/2015	155	183	6
Black Redstart	<i>Phoenicurus ochruros</i>	16/11/2010	-	2	2	1
Redstart	<i>Phoenicurus phoenicurus</i>	18/04/2010	03/10/2015	8	8	1
Whinchat	<i>Saxicola rubetra</i>	05/01/2007	10/03/2015	9	10	2
Stonechat	<i>Saxicola rubicola</i>	21/07/1977	03/10/2015	25	46	18
Wheatear	<i>Oenanthe oenanthe</i>	20/04/1995	13/04/2015	7	9	2
Blackbird	<i>Turdus merula</i>	20/05/1991	31/01/2016	1222	6984	51
Fieldfare	<i>Turdus pilaris</i>	11/01/2003	30/01/2016	174	2112	200
Song Thrush	<i>Turdus philomelos</i>	09/02/1997	30/01/2016	811	2037	30
Redwing	<i>Turdus iliacus</i>	19/02/1994	23/01/2016	286	3218	178
Mistle Thrush	<i>Turdus viscivorus</i>	23/05/2003	09/05/2015	116	201	30
Spotted Flycatcher	<i>Muscicapa striata</i>	12/05/1990	10/09/2015	52	88	8
Blackcap	<i>Sylvia atricapilla</i>	12/05/1990	21/01/2016	453	1139	12
Garden Warbler	<i>Sylvia borin</i>	10/05/2006	20/06/2015	91	102	4
Lesser Whitethroat	<i>Sylvia curruca</i>	30/04/1996	31/05/2014	49	51	4
Whitethroat	<i>Sylvia communis</i>	14/08/2004	22/08/2015	243	669	50
Goldcrest	<i>Regulus regulus</i>	28/04/2000	31/01/2016	194	258	10
Firecrest	<i>Regulus ignicapilla</i>	07/11/2013	22/10/2015	2	2	1
Long-tailed Tit	<i>Aegithalos caudatus</i>	01/05/1990	30/01/2016	531	2239	30
Blue Tit	<i>Cyanistes caeruleus</i>	09/02/1997	30/01/2016	1144	10380	150
Great Tit	<i>Parus major</i>	20/05/1991	30/01/2016	1037	5881	45
Coal Tit	<i>Periparus ater</i>	28/04/2000	31/12/2015	107	144	27
Willow Tit	<i>Poecile montana</i>	01/06/1976	07/02/1999	10	16	4
Marsh Tit	<i>Poecile palustris</i>	26/01/1987	31/12/2015	32	43	4
Nuthatch	<i>Sitta europaea</i>	12/05/1990	04/01/2016	442	600	6
Treecreeper	<i>Certhia familiaris</i>	20/05/1991	15/12/2015	141	185	5
Jay	<i>Garrulus glandarius</i>	09/02/1997	18/01/2016	578	916	16
Magpie	<i>Pica pica</i>	09/02/1997	31/01/2016	1211	6499	42
Carrion Crow	<i>Corvus corone agg.</i>	15/01/2012	16/01/2012	2	12	8
Jackdaw	<i>Corvus monedula</i>	09/02/1997	31/01/2016	932	9551	203
Rook	<i>Corvus frugilegus</i>	05/05/1996	28/12/2015	113	1774	255
Carrion Crow	<i>Corvus corone</i>	11/01/2003	31/12/2015	122	758	29
Carrion Crow	<i>Corvus corone subsp. corone</i>	28/04/2000	31/01/2016	1063	4566	63
Raven	<i>Corvus corax</i>	13/09/2008	21/12/2014	7	7	1
Rose-coloured Starling	<i>Pastor roseus</i>	28/10/2000	21/06/2014	7	4	1
Starling	<i>Sturnus vulgaris</i>	09/02/1997	31/01/2016	574	5444	200
House Sparrow	<i>Passer domesticus</i>	09/02/1997	23/01/2016	909	4619	40
Tree Sparrow	<i>Passer montanus</i>	06/05/1976	02/07/2006	4	10	6
Lesser Redpoll	<i>Acanthis cabaret</i>	25/05/1980	24/12/2013	60	467	100

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Common Name	Latin Name	First Date	Last Date	No. of Rec's	Total Abundance	Max. Abundance
Common (Mealy) Redpoll	<i>Acanthis flammea</i>	31/01/2006	31/12/2009	72	624	70
Greenfinch	<i>Chloris chloris</i>	09/02/1997	28/12/2015	538	2535	80
Linnet	<i>Linaria cannabina</i>	09/03/1993	28/12/2015	125	839	70
Siskin	<i>Spinus spinus</i>	29/12/1999	27/01/2016	231	3761	200
Chaffinch	<i>Fringilla coelebs</i>	20/05/1991	16/01/2016	628	2602	50
Brambling	<i>Fringilla montifringilla</i>	19/02/2006	19/10/2009	18	604	200
Goldfinch	<i>Carduelis carduelis</i>	19/02/1994	29/04/2016	840	5976	130
Common Crossbill	<i>Loxia curvirostra</i>	27/12/1999	15/03/2010	6	41	20
Bullfinch	<i>Pyrrhula pyrrhula</i>	09/02/1997	29/04/2016	388	645	7
Hawfinch	<i>Coccothraustes coccothraustes</i>	28/01/1978	17/01/1987	3	6	3
Yellowhammer	<i>Emberiza citrinella</i>	15/05/2000	04/07/2015	168	350	30
Reed Bunting	<i>Emberiza schoeniclus</i>	15/05/1979	12/04/2015	254	807	35

## SUSSEX BIRD INVENTORY REPORT

### Land at Southwater Parish

11 November 2016 SxBRC/16/548 Search Area:

Prepared for Jennifer Nagy (Southwater Parish Council)

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Please note that all British birds, their nests and eggs are protected in British law. It is an offence to deliberately take, kill or injure any wild bird or to take, damage, or destroy any nest or egg of any wild bird under Part 1 of the Wildlife and Countryside Act 1981 (as amended). However, Schedule 1 of this act provides an additional tier of protection so that rare species are specially protected by increased penalties and cannot be intentionally or recklessly disturbed when nesting. Schedule 1 status also infers a right of arrest by a police officer if someone is suspected of committing certain offences against one of these species. Other statuses listed below can be referenced in the attached sheets.

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### *Branta canadensis*

### Canada Goose

A common introduced resident and partial migrant, showing a grey/brown body and black neck and cap. The Canada goose was introduced around 300 years ago but was not much seen outside waterfowl collections until after World War II when it started to spread. Now the most familiar goose in the British countryside. Canada geese are a complex group of species, subspecies and hybrids. It feeds on vegetation: roots, grass, leaves and seeds.

Birds Directive Annex 2.1; Convention on Migratory Species; Appendix 2

First Date	Last Date	No. of Records
01/05/1990	30/01/2016	1726

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### *Branta leucopsis*

### Barnacle Goose

A very scarce winter visitor; often in severe weather; and an increasingly common feral resident. It is a medium-sized sociable goose that feeds on leaves, stems, roots and seeds.

Bern Convention Appendix 2; Birds Directive Annex 1; Convention on Migratory Species; Appendix 2

First Date	Last Date	No. of Records
15/09/2000	16/05/2014	8

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### *Branta bernicla*

### Brent Goose

This small dark goose is a very common winter visitor especially to Chichester and Pagham Harbours where it can be found in the estuaries and shallow coasts with mudflats. It grazes on fields near the coast and on it's main food, eel-grass, on the mud flats. It is also a passage migrant and a very scarce non-breeder in summer. This nominate subspecies breeds in western Siberia.

Birds Directive Annex 2.2; Convention on Migratory Species; Appendix 2

First Date	Last Date	No. of Records
11/01/2014	-	2

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***Cygnus olor*****Mute Swan**

A fairly common resident which has increased recently due to better protection and the control of the sale of lead fishing weights. This elegant large white waterbird has an orange beak and is found on lakes, rivers and other waterbodies where it feeds on water plants, insects and snails.

Birds Directive Annex 2.2; Convention on Migratory Species; Appendix 2

First Date	Last Date	No. of Records
09/04/1983	30/01/2016	3868

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***Cygnus atratus*****Black Swan**

First Date	Last Date	No. of Records
30/05/2001	31/05/2001	2

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***Mergus merganser*****Goosander**

The Goosander is the largest of the Sawbill family. It is a scarce winter visitor and passage migrant mainly to reservoirs and estuaries with numbers increasing during hard weather. This handsome diving duck uses its long serrated bills for catching fish prey and is often seen in groups. As with other sawbills the females are known as "Redheads."

Birds Directive Annex 2.2; Convention on Migratory Species; Appendix 2

First Date	Last Date	No. of Records
01/01/2012	-	1

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***Anser anser*****Greylag Goose**

An increasingly common introduced resident, winter visitor and scarce passage migrant. There are truly wild populations in northern Britain. The Greylag is the largest and bulkiest of the wild geese native to our area. They are mostly found around reservoirs, lakes and gravel pits in our area where they can feed on grass and roots.

Bird Population Status - amber; Birds Directive Annex 2.1; Convention on Migratory Species; Appendix 2; Wildlife and Countryside Act 1981 (Schedule 1 Part 2)

First Date	Last Date	No. of Records
03/04/1997	06/04/2015	85

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***Anser indicus*****Bar-headed Goose**

First Date	Last Date	No. of Records
14/09/1996	17/09/1996	2

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***Alopochen aegyptiacus*****Egyptian Goose**

A very scarce resident in Sussex, from introduced populations elsewhere in Britain. Bred for the first time in 2000. A native species in Africa it shows a white wing panel, dark eye surround and red beak and legs. It feeds on seeds and grass and can be found in lakes, gravel pits, parkland and wet woodland.

First Date	Last Date	No. of Records
07/01/2004	17/08/2013	11

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***Aix galericulata*****Mandarin Duck**

Scarce introduced resident in Sussex. This ornate eastern Asian duck can be found on lakes and slow-flowing rivers with plenty of surrounding vegetation. It breeds in tree holes.

Convention on Migratory Species; Appendix 2

First Date	Last Date	No. of Records
24/03/1980	18/05/2014	108

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***Anas penelope*****Wigeon**

A common winter visitor, scarce on observed passage and very scarce in Summer, but does not breed. Males show a distinct white wing patch and cream-buff forehead and crown. This medium-sized duck favours estuaries and coastal marshes, but also found on reservoirs and gravel pits. It feeds on aquatic plants, grasses and roots.

Birds Directive Annex 2.1; Convention on Migratory Species; Appendix 2; EC CITES Annex C

First Date	Last Date	No. of Records
20/11/2005	29/11/2014	9

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***Anas strepera*****Gadwall**

A grey-coloured dabbling duck which is a very scarce breeder, scarce summer non-breeder, fairly common winter visitor and scarce on observed passage. Breeds in small numbers throughout south and south east England and East Anglia on still inland waters such as reservoirs and flooded gravel pits. Feeds on stems, leaves and seeds.

Bird Population Status - amber; Birds Directive Annex 2.1; Convention on Migratory Species; Appendix 2

First Date	Last Date	No. of Records
18/01/2015	-	1

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***Anas crecca*****Teal**

This small duck is a rare breeder and a scarce summering non-breeder; a fairly common winter visitor to Sussex and fairly common on observed passage. It feeds on small invertebrates and seeds, and both male and female show bright green wing patches in flight. The Arun valley is a particularly important overwintering site. It is often present in summer in places such as Rye Harbour, Pagham Harbour and the Arun Valley.

Bird Population Status - amber; Birds Directive Annex 2.1; Convention on Migratory Species; Appendix 2; EC CITES Annex C

First Date	Last Date	No. of Records
12/03/2000	21/01/2016	13

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***Anas platyrhynchos*****Mallard**

A large common duck found throughout the British Isles both as a breeding resident and winter visitor. Can be seen in most wetland habitats including ponds in urban areas. It feeds on seeds, acorns and berries, plants, insects and shellfish. The population is supplemented each year with birds captive bred for shooting.

Bird Population Status - amber; Birds Directive Annex 2.1; Convention on Migratory Species; Appendix 2

First Date	Last Date	No. of Records
09/04/1983	08/07/2016	3528

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**Anas clypeata****Shoveler**

A very scarce resident duck and a fairly common winter visitor and passage migrant. Easily distinguished by its long and broad spatulate bill which it uses to sift small insects and plant matter from the water. Breeds on marshy, reed-fringed pools and winters on lakes, reservoirs, marshes and estuaries.

Bird Population Status - amber; Birds Directive Annex 2.1; Convention on Migratory Species; Appendix 2; EC CITES Annex C

First Date	Last Date	No. of Records
12/03/2000	02/12/2013	7

**Anas sibilatrix****Chiloë Wigeon**

First Date	Last Date	No. of Records
01/09/1996	15/03/1998	6

**Netta rufina****Red-crested Pochard**

Possibly a rare winter visitor and passage migrant to Sussex although most records probably relate to escaped or feral birds. Males in breeding plumage show a bright orange head and red beak. They feed on stems, roots and seeds of aquatic vegetation at lakes and gravel pits with reed-fringed edges.

Birds Directive Annex 2.2; Convention on Migratory Species; Appendix 2

First Date	Last Date	No. of Records
05/03/2001	08/03/2009	6

**Aythya ferina****Pochard**

A stocky diving duck that is a scarce summer non-breeder, very scarce breeder and fairly common winter visitor. It is very scarce on observed passage. It breeds on large, reed-fringed lakes and winters on lakes, reservoirs and in sheltered bays. It has a varied diet of plants and seeds, snails, small fish and insects.

Birds Directive Annex 2.1; Convention on Migratory Species; Appendix 2

First Date	Last Date	No. of Records
15/12/1996	22/01/2016	120

**Aythya fuligula****Tufted Duck**

A diving duck that needs the deep waters of lakes, reservoirs and gravel pits. Males have a golden eye and a purple head with a tuft. It feeds on molluscs, insects and some plants. It is a scarce breeding species, a fairly common resident and a fairly common winter visitor which is widespread in suitable habitats across East and West Sussex. It is scarce on observed passage.

Birds Directive Annex 2.1; Convention on Migratory Species; Appendix 2

First Date	Last Date	No. of Records
01/01/1996	30/01/2016	2381

**Melanitta nigra****Common Scoter****BAP N**

A common spring passage migrant and fairly common winter visitor which is scarce in summer and autumn and very scarce inland. This dark seaduck has been recorded off the Sussex coast throughout the year. They are often seen as large bobbing rafts offshore, or long straggling lines flying along the coast. Its main wintering locality is Rye Bay. Wintering concentrations are extremely vulnerable to large-scale oil spills and breeding populations in the north have declined substantially. It feeds on molluscs.

Bird Population Status - red; Birds Directive Annex 2.2; Convention on Migratory Species; Appendix 2; Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41); UK Biodiversity Action Plan priority species; Wildlife and Countryside Act 1981 (Schedule 1 Part 1)

First Date	Last Date	No. of Records
16/06/1990	-	2

***Mergellus albellus*****Smew**

A small compact diving duck which is a very scarce winter visitor, mainly to the east of the county. Usually recorded from inland waters, such as gravel pits, reservoirs and lakes rather than at sea, especially during hard weather. The male is the regions whitest small wildfowl and the female has a chestnut-red head. The smew belongs to the Sawbill family and feeds on fish, insect larvae and other insects.

Bern Convention Appendix 2; Birds Directive Annex 1; Convention on Migratory Species; Appendix 2

First Date	Last Date	No. of Records
23/02/1996	08/12/1998	4

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***Egretta garzetta*****Little Egret**

A medium-sized white heron with characteristic bright yellow feet. It overwinters in Britain primarily on estuaries in the south and west and it has been breeding at a few southern sites since 1996. The little egret has been recorded from many places along Sussex coasts and estuaries and Chichester and Langstone Harbours are one of the best British locations. It feeds on fish.

Bern Convention Appendix 2; Birds Directive Annex 1; EC CITES Annex A

First Date	Last Date	No. of Records
15/02/2006	26/01/2016	32

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***Ardea cinerea*****Grey Heron**

A fairly common resident, the Grey Heron is increasing in numbers and can be found in most wetland areas standing silently at the water's edge waiting for fish prey. Breeds colonially in tall trees near to plentiful fish supplies.

First Date	Last Date	No. of Records
03/01/1999	08/07/2016	518

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***Platalea leucorodia*****Spoonbill**

A very scarce but widely recorded visitor; most frequent in spring and autumn. These tall white birds with spoon shaped bills can be found in coastal or riverine habitats and feed mainly on aquatic insects and small fish.

Bern Convention Appendix 2; Bird Population Status - amber; Birds Directive Annex 1; Convention on Migratory Species; Appendix 2; EC CITES Annex A; Wildlife and Countryside Act 1981 (Schedule 1 Part 1)

First Date	Last Date	No. of Records
03/04/2009	08/04/2009	2

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***Alectoris rufa*****Red-legged Partridge**

This is a striking looking bird that is an introduced resident established since the mid-19th century; it is now widespread in Sussex. The population is augmented annually by shooting estates from captive bred stock and it has also hybridised with an introduced partridge called the 'chukar' (*Alectoris chukar*) in part of West Sussex. It is usually seen in groups in open fields, where it feeds on roots and seeds.

Birds Directive Annex 2.1

First Date	Last Date	No. of Records
18/03/1992	-	1

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***Phasianus colchicus*****Pheasant**

A very common introduced resident only absent from places like the Pevensy Levels, probably because there is little cover. The population is augmented annually by shooting estates from captive bred stock. The male is unmistakable with its long tail-feathers and rich chestnut colour. Feeds on seeds, grain and shoots.

Birds Directive Annex 2.1

First Date	Last Date	No. of Records
28/04/2000	30/01/2016	212

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***Numida meleagris*****Helmeted Guineafowl**

First Date	Last Date	No. of Records
20/08/2007	-	1

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***Tachybaptus ruficollis*****Little Grebe**

Our smallest grebe and a species that breeds in a wide range of wetlands, some very small. It is a scarce resident in Sussex, passage migrant and winter visitor when flocks of 20 plus individuals can develop, although it is rarely seen on the sea. This species feeds on insects and larvae and is dependant on suitable water levels for successful breeding.

First Date	Last Date	No. of Records
15/02/1983	06/04/2015	10

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***Podiceps cristatus*****Great Crested Grebe**

A fairly common resident; passage migrant and winter visitor when large flocks can develop on coastal waters. This species was once killed for its breast and head feathers, and came close to extinction. The creation of gravel pits is thought to have helped the bird and it breeds on large areas of fresh water. It feeds mainly on fish.

First Date	Last Date	No. of Records
05/04/1977	30/01/2016	1431

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***Oceanodroma leucorhoa*****Leach's Petrel**

This starling-sized bird is a rare vagrant in Sussex. It spends most of its time at sea where it feeds on crustaceans, molluscs and small fish.

Bern Convention Appendix 2; Bird Population Status - amber; Birds Directive Annex 1; Wildlife and Countryside Act 1981 (Schedule 1 Part 1)

First Date	Last Date	No. of Records
20/12/1910	-	1

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***Phalacrocorax carbo*****Cormorant**

An increasing breeding species and common winter visitor on the coast, often now breeding some distance inland. If numbers are large, they can be a cause of concern among fisherman as they are fish-eating birds with a healthy appetite. Any queries relating to cormorants should be addressed initially to the Sussex Ornithological Society.

First Date	Last Date	No. of Records
15/01/1998	31/01/2016	608

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***Phalacrocorax carbo subsp. sinensis* Southern Cormorant**

First Date	Last Date	No. of Records
02/02/2004	-	1

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## ***Circus aeruginosus***

## **Marsh Harrier**

This bulky raptor is the largest of the Harriers, and is a scarce spring and autumn passage migrant, and a very scarce winter visitor. It is a very scarce breeder which bred for the first time in 2004. Usually found in and around wetland habitats such as reedbeds and marshes, where it can feed on small birds and mammals. It has recovered well from historic declines, however it is still a bird of conservation concern.

Birds Directive Annex 1; Convention on Migratory Species; Appendix 2; EC CITES Annex A; Wildlife and Countryside Act 1981 (Schedule 1 Part 1)

<b>First Date</b>	<b>Last Date</b>	<b>No. of Records</b>
01/06/2004	-	1

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## ***Accipiter nisus***

## **Sparrowhawk**

The Sparrowhawk is a common resident and passage migrant. A bird that decreased substantially in the middle of the last century following the widespread use of organochlorine pesticides. It has now made a good recovery and is the second commonest Sussex raptor. The Sparrowhawk's tail and wings are adapted for fast low flying through trees and branches where it catches small bird prey. It nests in trees and hedges, and they are now regular garden visitors.

Convention on Migratory Species; Appendix 2; EC CITES Annex A

<b>First Date</b>	<b>Last Date</b>	<b>No. of Records</b>
01/04/1989	25/01/2016	308

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## ***Buteo buteo***

## **Buzzard**

A fairly common but localised resident and passage migrant and possible winter visitor. Probably much more frequent before persecution reduced its numbers. Well-established in Ashdown Forest and central West Sussex with occasional records from elsewhere. It feeds on small mammals, birds and carrion.

Convention on Migratory Species; Appendix 2; EC CITES Annex A

<b>First Date</b>	<b>Last Date</b>	<b>No. of Records</b>
15/02/2003	30/01/2016	481

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## ***Pandion haliaetus***

## **Osprey**

This impressive black and white bird of prey is a scarce passage migrant, identified by its uniquely shaped wings which kink at the wrist to make an "M" shape. This is a species that has increased steadily over the last fifty years with records from the coast and reservoirs inland. It can be seen hovering over water before it plunges in, feet first, to catch its fish prey.

Bird Population Status - amber; Birds Directive Annex 1; Convention on Migratory Species; Appendix 2; EC CITES Annex A; Wildlife and Countryside Act 1981 (Schedule 1 Part 1)

<b>First Date</b>	<b>Last Date</b>	<b>No. of Records</b>
03/10/2008	27/08/2014	6

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## ***Falco tinnunculus***

## **Kestrel**

This well-known bird of prey is a fairly common resident and passage migrant, which can often be seen hovering over roadside verges, open country, parks and towns looking for small mammal prey. It is our commonest raptor and it is widespread in Sussex. The Kestrel has characteristic pointed wings, long tail and chestnut colour. They have been recently declining as a result of habitat degradation due to continuing intensive management of farmland.

Bern Convention Appendix 2; Convention on Migratory Species; Appendix 2; EC CITES Annex A

<b>First Date</b>	<b>Last Date</b>	<b>No. of Records</b>
08/10/1991	04/12/2015	385

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***Falco subbuteo*****Hobby**

Scarce breeding summer visitor and regular passage migrant. An agile species which feeds on insects and small birds, associated with heathlands that is now also found on farmland with pine clumps and woodland. Widely recorded in Sussex.

Bern Convention Appendix 2; Convention on Migratory Species; Appendix 2; EC CITES Annex A; Wildlife and Countryside Act 1981 (Schedule 1 Part 1)

First Date	Last Date	No. of Records
08/09/2007	19/10/2009	4

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***Falco peregrinus*****Peregrine**

Scarce breeding resident, passage migrant and winter visitor usually nesting on cliffs. This large and powerful falcon is well-known for its propensity to roost on tall buildings and has been widely recorded in Sussex. Takes medium-sized birds, such as wading birds, pigeons and small ducks.

Bern Convention Appendix 2; Birds Directive Annex 1; Convention on Migratory Species; Appendix 2; EC CITES Annex A; Wildlife and Countryside Act 1981 (Schedule 1 Part 1)

First Date	Last Date	No. of Records
12/10/2006	01/09/2014	7

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***Gallinula chloropus*****Moorhen**

This ground-dwelling medium-sized bird is a very common resident, possibly fairly common winter visitor but status uncertain. It is found all year round in virtually all freshwater habitats across Sussex, where it feeds on water plants, seeds, fruit, grasses, insects, snails and worms. It is slate grey, brown and white with a striking red and yellow bill.

Birds Directive Annex 2.2; Convention on Migratory Species; Appendix 2

First Date	Last Date	No. of Records
24/04/1983	30/01/2016	3848

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***Rallus aquaticus*****Water Rail**

Probably a very scarce resident, scarce winter visitor and passage migrant. A highly secretive bird of overgrown streams, ditches and reedbeds, though sometimes found in drier areas. Most records are from suitable sites along the coast, but there are some inland. Feeds mainly on small fish, snails and insects and it's loud pig-like squealing calls make this bird more often heard than seen.

Birds Directive Annex 2.2

First Date	Last Date	No. of Records
06/01/1979	26/01/2016	207

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***Crex crex*****Corncrake****BAP N**

This once common bird is now a globally threatened species. In the British Isles it now only breeds in the far north and west and is protected under Schedule 1 of the Wildlife & Countryside Act 1981. This elusive bird formerly bred in Sussex but is now only occasionally recorded as a very scarce passage migrant. It feeds on insects and seeds.

Bern Convention Appendix 2; Birds Directive Annex 1; Convention on Migratory Species; Appendix 2; Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41); UK Biodiversity Action Plan priority species; Wildlife and Countryside Act 1981 (Schedule 1 Part 1)

First Date	Last Date	No. of Records
01/10/1974	-	1

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***Fulica atra*****Coot**

A black medium-sized bird which is a common resident, with numbers much increased by visitors outside the breeding season. Breeds in any suitable freshwater habitat, where it can feed on vegetation, snails and insect larvae. Its white beak and "shield" gives it a bald look against its black plumage.

Birds Directive Annex 2.1

First Date	Last Date	No. of Records
03/04/1983	30/01/2016	1721

***Haematopus ostralegus*****Oystercatcher**

A large stocky black and white wader which is a scarce breeder; fairly common passage migrant and winter visitor. A bird that became extinct as a breeding species in Sussex at the end of the 19th century, though it now nests regularly at Rye Bay, Pagham Harbour and Chichester Harbour. Sometimes found in large flocks in suitable coastland habitats during the winter. Feeds on mussels, cockles and worms.

Bird Population Status - amber; Birds Directive Annex 2.2; Environmental Stewardship Target Species (Pevensy Levels); Environmental Stewardship Target Species (Romney Marsh)

First Date	Last Date	No. of Records
22/09/2009	-	1

***Vanellus vanellus*****Lapwing****BAP N**

A large wader which is a familiar farmland and wetland bird; it is a scarce or fairly common, but declining, resident and very common winter visitor. The bird declined markedly in South East England at the end of the last century. The favoured breeding habitat is mixed farmland and suitable habitats have been in short supply. Its diet consists of worms and insects.

Birds Directive Annex 2.2; Convention on Migratory Species; Appendix 2; Environmental Stewardship Target Species (Pevensy Levels); Environmental Stewardship Target Species (Romney Marsh); Environmental Stewardship Target Species (South Downs); Environmental Stewardship Target Species (Wealden Greensand); Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41); UK Biodiversity Action Plan priority species

First Date	Last Date	No. of Records
14/03/1990	06/04/2015	15

***Actitis hypoleucos*****Common Sandpiper**

This smallish wader is a fairly common passage migrant, recognised by its bobbing motion and high pitched call. It is very scarce in winter, and has bred at least once. This wader is most commonly seen on muddy margins along rivers, and around pools and reservoirs.

Convention on Migratory Species; Appendix 2

First Date	Last Date	No. of Records
03/07/1996	24/04/2015	40

***Gallinago gallinago*****Snipe**

Now a very scarce breeder and fairly common winter visitor favouring poorly drained pasture. The UK population of Snipe has undergone particularly steep declines in lowland wet grassland in the past twenty-five years. It is a plump medium-sized wader with short legs and a long bill used to probe for small invertebrates, including worms and insect larvae. Males display by flying high in the air and then dropping steeply producing a noise by vibrating their tail feathers.

Birds Directive Annex 2.1; Convention on Migratory Species; Appendix 2

First Date	Last Date	No. of Records
02/03/2009	13/03/2014	14

***Lymnocyptes minimus*****Jack Snipe**

This small elusive wader is a scarce winter visitor and passage migrant. It is found both on coastal sites and boggy heaths inland, but usually only in low numbers. It likes shallow, wet and muddy areas with plenty of vegetation such as marshes, flood meadows, wet ditches and river banks where it can find insect, worm and snail prey. It is very well camouflaged and will sit unnoticed as you walk close-by.

Birds Directive Annex 2.1; Convention on Migratory Species; Appendix 2

First Date	Last Date	No. of Records
02/03/2009	-	1

***Scolopax rusticola*****Woodcock**

The Woodcock is a large bulky wading bird with short legs and a long tapered bill used for probing the earth for worms, beetles, spiders, caterpillars, fly larvae and small snails. It is probably a fairly common resident and winter visitor, which is found mainly in the more heavily wooded parts of The Weald as it needs large areas of moist woodland with rides, dense undergrowth and damp areas for feeding. It is well known for its "Roding" display flight when it makes lots of croak and whistle sounds while flying slowly around its territory.

Birds Directive Annex 2.1; Convention on Migratory Species; Appendix 2

First Date	Last Date	No. of Records
13/05/1976	08/02/2012	15

***Calidris canutus*****Knot**

This is a short-legged stocky wading bird that is grey above and white below in the winter, but can occasionally be seen in its brick-red summer plumage. It is a fairly common winter visitor and passage migrant. Found mainly on the coast it is commoner in West Sussex than in the east, it can be found on seashores, estuaries and mudflats where it feeds on shellfish and worms.

Bird Population Status - amber; Birds Directive Annex 2.2; Convention on Migratory Species; Appendix 2

First Date	Last Date	No. of Records
18/09/2008	-	1

***Tringa totanus*****Redshank**

A medium-sized wader with a long red bill and long red legs. It is a scarce resident in wetlands close to rivers, and a fairly common winter visitor and passage migrant. Its preferred habitats are wet grassland, estuaries and saltmarshes where it can feed on insects, earthworms, molluscs and crustaceans. Most breeding sites in Sussex are within protected areas, such as nature reserves, which employ specific management for breeding waders.

Birds Directive Annex 2.2; Convention on Migratory Species; Appendix 2; Environmental Stewardship Target Species (Pevensey Levels); Environmental Stewardship Target Species (Romney Marsh); Environmental Stewardship Target Species (South Downs)

First Date	Last Date	No. of Records
11/08/2006	03/02/2014	2

***Tringa ochropus*****Green Sandpiper**

A scarce spring and autumn passage migrant, which is more frequent in autumn. Scarce in winter. It is recorded from a wide range of fresh water sites in Sussex, both inland and near the coast preferring freshwater margins. It is a dark and white medium sized wader with a distinctive white rump and it feeds on insects.

Bern Convention Appendix 2; Bird Population Status - amber; Convention on Migratory Species; Appendix 2; Wildlife and Countryside Act 1981 (Schedule 1 Part 1)

First Date	Last Date	No. of Records
06/01/1979	02/05/1980	2



***Larus canus*****Common Gull**

The Mew Gull (also known as the Common Gull) is a smaller, more gentle-looking, version of the Herring Gull. It is a very common winter visitor and passage migrant, scarce in the summer; it bred in Sussex until 1963, in 2006 and some years since then. Widely recorded both inland in towns and on farmland, and on the coast especially in estuarine habitats. It has a varied diet of worms, insects, fish, carrion and rubbish.

Bird Population Status - amber; Birds Directive Annex 2.2

First Date	Last Date	No. of Records
29/01/2004	06/03/2011	17

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***Larus fuscus*****Lesser Black-backed Gull**

Fairly common passage migrant and winter visitor; scarce (mainly immature) in summer and a scarce breeder. Can be found in coastal areas in the summer and on farmland in the winter; roosting on large bodies of water such as reservoirs. Its an omnivore and scavenges a wide range of food.

Bird Population Status - amber; Birds Directive Annex 2.2

First Date	Last Date	No. of Records
10/02/2002	22/12/2015	66

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***Larus argentatus*****Herring Gull****BAP N**

This large gull is a very common resident, but its status is uncertain as a passage migrant and winter visitor. It has suffered moderate declines over the last 25 years. It breeds, often in colonies, in coastal locations including on rooftops. Widely recorded both inland, including reservoirs and rubbish tips, and in most coastal habitats including shingle beaches. It is omnivorous and is a voracious scavenger.

Bird Population Status - red; Birds Directive Annex 2.2; Nerc Act 2006; UK Biodiversity Action Plan priority species

First Date	Last Date	No. of Records
08/11/1998	30/01/2016	898

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***Larus marinus*****Great Black-backed Gull**

This very large, bulky gull is a common winter visitor and passage migrant, being scarce in the summer (mostly non-breeders); and very scarce breeder since 2000. In winter the largest numbers are usually at Rye Harbour and Chichester Harbour, but the species is widespread and can be found in both coastal and inland habitats, ranging from rubbish tips and fields to bays and harbours. Its diet is omnivorous and consists of shellfish, birds and carrion.

Bird Population Status - amber; Birds Directive Annex 2.2

First Date	Last Date	No. of Records
03/03/2007	03/07/2010	5

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***Chroicocephalus ridibundus*****Black-headed Gull**

This medium-sized gull has a chocolate-coloured head in the summer and a white head for the rest of the year. It is a common breeding species and very common to abundant passage migrant and winter visitor, occurring both inland and on the coast. This is the most numerous and widespread gull in Sussex and can be found feeding in small groups and flocks on coastal habitats as well as inland on ploughed fields and playing fields; it's diet is made up of worms, insects, fish and carrion.

Bird Population Status - amber; Birds Directive Annex 2.2

First Date	Last Date	No. of Records
07/10/1996	31/01/2016	2342

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***Chlidonias niger*****Black Tern**

This small dark marsh tern is a scarce passage migrant recorded from many places in Sussex, both on freshwater habitats such as gravel pits, reservoirs and lakes, and along the coast. It feeds on invertebrates and fish which it skims from the surface of the water. They occasionally occur in large numbers.

Bern Convention Appendix 2; Birds Directive Annex 1; Wildlife and Countryside Act 1981 (Schedule 1 Part 1)

<b>First Date</b>	<b>Last Date</b>	<b>No. of Records</b>
28/08/2005	28/08/2008	2

***Sterna hirundo*****Common Tern**

Fairly common breeding summer visitor and common passage migrant. This medium sized white and grey tern has a black cap and a red beak. It breeds on the coast on shingle and on man made rafts on inland waterbodies. It feeds on fish caught both at sea and on fresh water.

Bern Convention Appendix 2; Bird Population Status - amber; Birds Directive Annex 1

<b>First Date</b>	<b>Last Date</b>	<b>No. of Records</b>
02/06/2004	08/06/2015	22

***Alle alle*****Little Auk**

This small black and white seabird is only the size of a starling, and is a very scarce autumn passage migrant and winter visitor. Recorded only in low and variable annual numbers along the Sussex coast and very rarely inland after strong gales. Its main areas are further north and east in the UK. It feeds on plankton, other tiny marine creatures and fish.

<b>First Date</b>	<b>Last Date</b>	<b>No. of Records</b>
04/11/1985	-	1

***Columba livia*****Feral Pigeon**

The Feral Pigeon comes in many different shades and is a common resident especially in urban areas; where the numbers are allowed to increase it can become a pest. This is the same species as the rock dove (not found wild in our area) and originally kept to provide food. Often under recorded but widespread in Sussex. Feeds on grain and cereals.

Birds Directive Annex 2.1; EC CITES Annex A

<b>First Date</b>	<b>Last Date</b>	<b>No. of Records</b>
09/02/1997	03/10/2015	51

***Columba oenas*****Stock Dove**

This species is similar in appearance to the Feral Pigeon and is a common resident and possible winter visitor. Mostly recorded north of the Downs in ancient woods and parkland as well as cliffs and quarries. It declined considerably when organochlorine pesticides were in use, but has made a steady recovery. Feeds on seed.

Bird Population Status - amber; Birds Directive Annex 2.2

<b>First Date</b>	<b>Last Date</b>	<b>No. of Records</b>
17/04/2006	06/10/2015	107

***Columba palumbus*****Woodpigeon**

This is the UK's largest and most common pigeon and is an abundant resident and winter visitor. Found in woodland, farmland and urban areas, and can be seen in large flocks in fields in the winter. Feeds on crops like cabbages, sprouts, peas and grain. Also buds, shoots, seeds, nuts and berries.

Birds Directive Annex 2.1

<b>First Date</b>	<b>Last Date</b>	<b>No. of Records</b>
09/02/1997	31/01/2016	1206

***Streptopelia decaocto*****Collared Dove**

This species is a very common resident closely associated with human habitation and can be found on farms, in gardens and in parks where it can feed on seeds and grain. After spreading across Europe, this species first bred in Britain in 1955 and arrived in Sussex in 1958; it is now found throughout the area. It has a distinctive buff plumage with a black neck collar and is usually seen in pairs. It is well known for its monotonous cooing.

Birds Directive Annex 2.2

First Date	Last Date	No. of Records
09/02/1997	04/12/2015	266

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***Streptopelia turtur*****Turtle Dove****BAP N**

A scarce and declining summer visitor and passage migrant that breeds at the northern edge of its range in the UK. It is confined largely to the south and east of England and is associated with fertile arable farmland in warm, dry situations where it feeds on seed. Nests in thick hedges, bushes and low trees in woodland edges, copses, commons, heaths and parkland. Easily identified by its evocative purring call.

Birds Directive Annex 2.2; EC CITES Annex A; Environmental Stewardship Target Species (High Weald); Environmental Stewardship Target Species (Low Weald); Environmental Stewardship Target Species (Romney Marsh); Environmental Stewardship Target Species (South Downs); Environmental Stewardship Target Species (Wealden Greensand); Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41); UK Biodiversity Action Plan priority species

First Date	Last Date	No. of Records
29/05/1977	01/03/2004	10

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***Psittacula krameri*****Ring-necked Parakeet**

The UK's only naturalised parrot species which is green with a red beak. This noisy bird can be found in parks, gardens and orchards where it can feed on fruit, berries, seeds and nuts and use nest-holes in mature trees. This is a very scarce introduced resident in Sussex.

EC CITES Annex C

First Date	Last Date	No. of Records
02/10/1999	29/11/2007	4

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***Cuculus canorus*****Cuckoo****BAP N**

The Cuckoo is a fairly common but declining summer visitor though usually absent from urban areas and has one of the best known voices of a bird in the UK. The species has shown a moderate decline. They are well-known brood parasites, the females laying their eggs in the nests of other birds. It breeds in a variety of habitats including farmland, wetland and woodland where its familiar call can be heard. Its diet consists of insects, especially hairy caterpillars.

Bird Population Status - red; Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41); UK Biodiversity Action Plan priority species

First Date	Last Date	No. of Records
23/04/1990	04/06/2015	64

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***Tyto alba*****Barn Owl**

A distinctive and much loved bird of the countryside, this scarce breeding resident declined substantially during the last century mainly due to loss of habitat, particularly areas of rough grassland where it hunts for mice, voles and shrews. The position has been improving recently with many nest boxes being erected, although the conversion of barns in Sussex has had a negative impact on potential breeding sites.

Bern Convention Appendix 2; EC CITES Annex A; Wildlife and Countryside Act 1981 (Schedule 1 Part 1)

First Date	Last Date	No. of Records
07/10/1976	28/12/2014	34

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## ***Athene noctua***

## **Little Owl**

This is the UK's smallest owl and is a fairly common resident in Sussex. It is not a British native but was introduced at various times from the mid-19th century, including to the Knepp Estate in West Sussex. Now well established and widespread in the two counties. It can be found around agricultural land, trees, copses, hedges, parkland and orchards where it can feed on small mammals and birds, beetles and worms. It nests in farm buildings and in nestholes in trees and it is often seen in the day time perched on tree branches.

Bern Convention Appendix 2; EC CITES Annex A

<b>First Date</b>	<b>Last Date</b>	<b>No. of Records</b>
24/07/1977	30/09/2012	39

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## ***Strix aluco***

## **Tawny Owl**

This is the UK's most abundant owl and is a fairly common or common resident in Sussex, particularly in the more wooded areas. Found in deciduous and coniferous woodland, and also farmland, parks and churchyards, it is scarce or absent from more treeless areas near the coast. It is more often heard than seen, recognised by its characteristic hooting. It feeds on a varied diet of small mammals, small birds, frogs, fish, insects and worms.

Bern Convention Appendix 2; EC CITES Annex A

<b>First Date</b>	<b>Last Date</b>	<b>No. of Records</b>
26/06/1977	19/09/2015	68

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## ***Asio flammeus***

## **Short-eared Owl**

This medium-sized owl with distinctive yellow eyes, is a scarce winter visitor and passage migrant recorded mostly from the coastal plain in Sussex. It has bred in Sussex. Short-eared owls prefer open areas, especially coastal marshes, large wetlands and chalk downland where they can hunt for small mammals, especially voles.

Bern Convention Appendix 2; Birds Directive Annex 1; EC CITES Annex A

<b>First Date</b>	<b>Last Date</b>	<b>No. of Records</b>
12/10/2014	-	1

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## ***Apus apus***

## **Swift**

A well-known common summer visitor and passage migrant, widely distributed in Sussex. This sickle-shaped medium-sized dark aerial bird only stops flying when at the nest, it even sleeps on the wing! Many towns and villages have breeding populations. Very large migration movements are sometimes recorded with many thousands of birds involved. Can be seen in large screaming parties speeding around rooftops. They feed on flying insects and airborne spiders.

Bird Population Status - amber

<b>First Date</b>	<b>Last Date</b>	<b>No. of Records</b>
29/04/2000	09/07/2015	242

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## ***Alcedo atthis***

## **Kingfisher**

A scarce to fairly common resident, and possibly very scarce winter visitor, which is widespread across Sussex, but often declines following hard winters. A brilliantly coloured blue and orange bird which can be found in lowland freshwater areas such as rivers, ponds and streams, and during the winter on the coast and in estuarine areas. Nests in hole in riverbank or sandpit.

Bern Convention Appendix 2; Birds Directive Annex 1; Wildlife and Countryside Act 1981 (Schedule 1 Part 1)

<b>First Date</b>	<b>Last Date</b>	<b>No. of Records</b>
01/06/1976	24/01/2016	297

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***Jynx torquilla*****Wryneck****BAP**

A brown sparrow-sized scarce passage migrant that ceased to be a breeding species in Sussex around 1920. It looks nothing like the other members of the woodpecker family. Most modern records are between August and October. Most often seen in coastal areas with short grass, occasionally more inland garden lawns where it feeds on ants.

Bern Convention Appendix 2; UK Biodiversity Action Plan priority species; Wildlife and Countryside Act 1981 (Schedule 1 Part 1)

First Date	Last Date	No. of Records
04/09/2001	25/08/2012	3

***Picus viridis*****Green Woodpecker**

This is the largest of the three resident British woodpeckers and is fairly common or common; its presence is usually announced by its laughing "yaffle" call. This striking green woodpecker has a red crown stripe and requires mature trees for nesting and open areas for feeding, such as orchards, parks and farmland where it can feed on insects, especially ants; however most records are from wooded areas. Numbers can fall in hard winters and recovery is slow.

Bern Convention Appendix 2

First Date	Last Date	No. of Records
05/04/1987	29/01/2016	735

***Dendrocopos major*****Great Spotted Woodpecker**

A striking red, black and white medium-sized bird which is a common resident especially near large trees with suitable holes for nesting, especially in woodland and parkland. Often recorded from suburban gardens where it feeds at peanut feeders and bird tables. It also feeds on insects, seeds and nuts. It tends to be rarely recorded from much of the coastal plain. Its presence is often announced by its loud call or by its distinctive spring 'drumming' display.

Bern Convention Appendix 2

First Date	Last Date	No. of Records
27/06/1981	30/01/2016	689

***Dendrocopos minor*****Lesser Spotted Woodpecker****BAP N**

The size of a sparrow, this is Europe's smallest woodpecker. It is a scarce, possibly now very scarce, and declining Sussex resident that favours damp, open, broad leaved woodland. It feeds on insects, especially larvae, spiders and wood-boring insects. It requires decaying wood in which it makes a new nest chamber each year. Its population is scattered across Sussex in suitable areas; the county holds a significant proportion of the national population.

Bern Convention Appendix 2; Bird Population Status - red; Nerc Act 2006; UK Biodiversity Action Plan priority species

First Date	Last Date	No. of Records
24/02/1980	11/10/2014	95

***Acrocephalus schoenobaenus*****Sedge Warbler**

A small plump warbler with a striking cream eyestripe, it is a fairly common summer visitor and abundant passage migrant, mainly recorded in the southern half of Sussex. It is a bird of tangled undergrowth, mainly near water, including the drier edges of reedbeds with shrubs. It has a loud rambling song and it feeds on insects, and berries in the autumn.

First Date	Last Date	No. of Records
24/05/2004	28/04/2015	12

***Acrocephalus scirpaceus*****Reed Warbler**

This plain brown warbler is a common summer visitor and very common passage migrant. It frequents reedbeds in lowland areas and occasionally tall vegetation in drier places. On passage it can turn up almost anywhere, including orchards, gardens and in crops, often some way from water. It feeds on insects, and on berries in the autumn. Its song is a loud rhythmic chattering.

First Date	Last Date	No. of Records
07/05/2004	22/08/2015	304

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***Locustella naevia*****Grasshopper Warbler****BAP N**

Very scarce and declining summer visitor and fairly common passage migrant which has a high, insect-like reeling song. Most recent records are from the Downs and the Rye Bay area, but it has been recorded right across our two counties. Nests are usually in lowland areas of damp rough grassland, scrub and fen and it feeds on insects.

Bird Population Status - red; Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41); UK Biodiversity Action Plan priority species

First Date	Last Date	No. of Records
19/06/1977	08/05/1981	7

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***Phylloscopus sibilatrix*****Wood Warbler****BAP N**

A very scarce summer resident and passage migrant. This large white and yellow leaf warbler is associated with damp oak woodland where it feeds mainly on insects and spiders. Its best locations are in the north of our area, although it has never been common in Sussex and seems to be declining.

Bird Population Status - red; Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41); UK Biodiversity Action Plan priority species

First Date	Last Date	No. of Records
13/09/1986	-	1

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***Phylloscopus collybita*****Chiffchaff**

A very common summer visitor and passage migrant, with small numbers wintering, this is a well-known bird which is named after its call. This small olive-brown warbler favours deciduous and mixed woodland, stands of trees, parks and mature gardens where there is thick undergrowth. It feeds on insects and is widespread across Sussex.

First Date	Last Date	No. of Records
12/05/1990	25/10/2015	642

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***Phylloscopus trochilus*****Willow Warbler**

This small grey-green and yellow warbler is a fairly common summer visitor and passage migrant. It favours deciduous woodland and scrub where it can feed on a wide variety of small insects and spiders, and fruit and berries in the autumn. Their population, especially in southern Britain, has undergone a moderate decline over the past 25 years.

Bird Population Status - amber

First Date	Last Date	No. of Records
12/05/1990	29/09/2015	142

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***Lullula arborea*****Woodlark****BAP N**

This species declined considerably in the mid- to late-20th century largely due to loss of heathland habitat and changes in agriculture. It is a scarce resident and a possibly very scarce passage migrant. This lark is brown on its back and white underneath and has a beautiful song which is often heard on heathlands at night. Its breeding strongholds in our area are in the west of West Sussex and on the Ashdown Forest, but it is gradually moving back to other areas. Feeds on insects and seeds.

Birds Directive Annex 1; Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41); UK Biodiversity Action Plan priority species; Wildlife and Countryside Act 1981 (Schedule 1 Part 1)

First Date	Last Date	No. of Records
24/07/2000	-	1

***Alauda arvensis*****Skylark****BAP N**

In Sussex a very common but declining resident, and probably common passage migrant and winter visitor. This lark has a brown back, white front and a small crest. It can be found in open countryside such as lowland farmland where it feeds on seeds and insects, and is recognised by its distinctive song flight which can last for many hours. A species of high conservation concern.

Birds Directive Annex 2.2; Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41); UK Biodiversity Action Plan priority species

First Date	Last Date	No. of Records
27/01/1996	08/07/2016	378

***Riparia riparia*****Sand Martin**

This small hirundine is a fairly common summer visitor and very common passage migrant, often seen in large gregarious flocks. The Sand Martin needs suitable sandy quarries or cliffs in which to excavate its nesting burrows and it therefore has a restricted distribution as a breeding species in Sussex. It is an agile flier and takes invertebrates in flight over water; it is often seen above rivers and water bodies such as gravel pits and reservoirs. On passage they roost in reedbeds.

Bern Convention Appendix 2

First Date	Last Date	No. of Records
31/03/2001	18/04/2013	13

***Hirundo rustica*****Swallow**

Our familiar swallow with long tail streamers is a common summer visitor and abundant passage migrant. They are agile in flight and spend most of their time on the wing hunting. They often breed in quiet farm buildings with nearby ponds and open pasture especially near cattle where they can feed on plentiful insects. Reedbeds are used as pre-migration roosts in late summer and early autumn.

Bern Convention Appendix 2

First Date	Last Date	No. of Records
06/04/2004	06/10/2015	458

***Delichon urbicum*****House Martin**

A distinctive hirundine with a forked tail and white rump, it is a common summer visitor and abundant passage migrant. It is more abundant in urban areas than in the countryside because of the availability of suitable nesting sites in the eaves of buildings, but it will feed on around insects that it finds on agricultural land and around water.

Bern Convention Appendix 2; Bird Population Status - amber

First Date	Last Date	No. of Records
28/06/2004	06/10/2015	218

**Anthus trivialis****Tree Pipit****BAP N**

This pipit is a fairly common but local summer visitor and fairly common passage migrant, with most records coming from the Ashdown Forest area and from the heaths in West Sussex. It nests on the ground in open woodland, including young conifer plantations and heaths where there are suitable song-posts from which males can display. It feeds mainly on small invertebrates, and some plant matter, especially berries, in autumn. Numbers have seen a moderate decline in the past 25 years.

Bern Convention Appendix 2; Bird Population Status - red; Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41); UK Biodiversity Action Plan priority species

First Date	Last Date	No. of Records
16/06/1977	01/06/1986	12

**Anthus pratensis****Meadow Pipit**

This small brown, streaky bird is a common but declining resident, very common passage migrant and winter visitor; probably under recorded. It favours open country including farmland, flooded meadows, heathland and grassland where it can feed on spiders and insects such as flies, beetles and moths. Found widely in the southern half of the county and on Ashdown Forest, but rarely seen elsewhere in Sussex. They can often be seen in small flocks in the winter.

Bern Convention Appendix 2; Bird Population Status - amber

First Date	Last Date	No. of Records
05/10/2004	14/11/2015	127

**Motacilla flava****Yellow Wagtail****BAP N**

This small elegant yellow bird is a scarce and localised summer visitor, a scarce passage migrant in spring and fairly common in autumn. It is primarily a bird of coastal levels, mainly in East Sussex, and also areas of short grass. Its diet consists of small insects, including flies and beetles; it is often seen associating with cattle to find insects. It appears to have been in decline since at least the 1980s, most likely due to loss of habitat for nesting and feeding.

Bern Convention Appendix 2; Environmental Stewardship Target Species (Romney Marsh); Nerc Act 2006; UK Biodiversity Action Plan priority species

First Date	Last Date	No. of Records
11/09/2008	21/09/2009	4

**Motacilla cinerea****Grey Wagtail**

This small grey and yellow bird is a fairly common resident, passage migrant and winter visitor. This species has gradually increased its range in the past 150 years and has expanded into the English lowlands from the northern and western uplands. It has suffered recent moderate declines. It can be found on flowing freshwater, nesting on bridge supports and other constructions, and also at sewage farms, farmyards, lakes and canals where they can catch insects to feed on.

Bern Convention Appendix 2

First Date	Last Date	No. of Records
01/07/1967	13/10/2015	192

**Motacilla alba****Pied Wagtail**

A common resident, passage migrant and winter visitor. Pied wagtails prefer habitats near water - river banks or lake edges with a stony or gravelly shore as well as moorland, farmland, coasts, estuaries, parks and gardens. Widespread across Sussex. *Motacilla alba yarrelli* is the main subspecies of the British Isles and is generally darker than the subspecies commoner in mainland Europe *Motacilla alba alba*. It feeds on insects and can be found in large roosts in urban areas during the winter.

Bern Convention Appendix 2

First Date	Last Date	No. of Records
01/05/1990	13/03/2015	32



***Motacilla alba subsp. alba*****White Wagtail**

Probably a scarce spring and autumn passage migrant; both pure and mixed pairs have bred.

Bern Convention Appendix 2

First Date	Last Date	No. of Records
20/10/2005	14/04/2011	4

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***Motacilla alba subsp. yarrellii*****Pied Wagtail**

Bern Convention Appendix 2

First Date	Last Date	No. of Records
01/01/2004	08/11/2015	290

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***Bombycilla garrulus*****Waxwing**

In most years this plump colourful bird is a very scarce winter visitor to Britain, including Sussex. Sometimes the birds appear in large numbers when food sources in Scandinavia are low. They are recorded widely both inland and on the coast, and can be found in parks and gardens, or anywhere with berry-bearing trees and bushes, particularly rowan and hawthorn, but also cotoneaster and rose.

Bern Convention Appendix 2

First Date	Last Date	No. of Records
23/03/2001	01/01/2011	35

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***Troglodytes troglodytes*****Wren**

This tiny red-brown bird is an abundant resident, breeding in Sussex wherever there is available cover, particularly in dense undergrowth. It is found in most habitats ranging from gardens to woodland and orchards to hedgerows. Often seen moving about like a mouse looking for insect and spider prey. It can decline significantly after hard winters, especially in more exposed places. It has a beautiful loud trilling song.

Bern Convention Appendix 2

First Date	Last Date	No. of Records
20/05/1991	30/01/2016	728

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***Prunella modularis*****Dunnock****BAP N**

A very common resident, the Dunnock needs areas with thick vegetation - thickets, brambles, hedges, woodland edges. Readily uses man-made habitats like parks, gardens and churchyards. It is inclined to suffer in hard winters. This grey and brown bird is quite shy and inconspicuous, and creeps about on the ground in the undergrowth, looking for insects, spiders, worms and seeds.

Bern Convention Appendix 2; Bird Population Status - amber; Nerc Act 2006; UK Biodiversity Action Plan priority species

First Date	Last Date	No. of Records
28/04/2000	30/01/2016	614

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***Erithacus rubecula*****Robin**

The quintessential British bird, the Robin "redbreast" is an abundant and well-known resident, probably common passage migrant, mainly in autumn. Its status as a winter visitor is uncertain. It favours woodlands, parks and gardens with plenty of undergrowth where it can find worms and seeds, fruits and insects.

Bern Convention Appendix 2

First Date	Last Date	No. of Records
20/05/1991	01/04/2016	1195

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***Luscinia megarhynchos*****Nightingale**

This rufous-coloured bird is slightly larger than a robin and is a fairly common summer visitor and infrequently seen passage migrant. Nightingales feed on insects and like dense thickets and scrub with thick foliage or nesting in; the edges of clearings or rides, or clumps of bushes surrounded by heath or open space, are ideal. This secretive bird is more often heard than seen; they have an unmistakable loud, rich and mellow song often heard at night.

Bern Convention Appendix 2

<b>First Date</b>	<b>Last Date</b>	<b>No. of Records</b>
01/06/1980	26/04/2015	155

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***Phoenicurus ochruros*****Black Redstart**

Rare resident; fairly common passage migrant and scarce winter visitor. A recent colonist of the British Isles and first recorded as breeding on the cliffs near Hastings (1923). This robin-sized bird can be found in coastal area where it feeds on insects, spiders, berries and seeds.

Bern Convention Appendix 2; Wildlife and Countryside Act 1981 (Schedule 1 Part 1)

<b>First Date</b>	<b>Last Date</b>	<b>No. of Records</b>
16/11/2010	-	2

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***Phoenicurus phoenicurus*****Redstart**

This robin-sized bird is a scarce summer visitor and fairly common passage migrant. Recorded mainly from its preferred habitat of old parkland with scattered trees where it feeds mainly on insects but also spiders, worms and berries. Males regularly flick their bright red tails. Mostly found in the centre and north of our area.

Bern Convention Appendix 2; Bird Population Status - amber

<b>First Date</b>	<b>Last Date</b>	<b>No. of Records</b>
18/04/2010	03/10/2015	8

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***Saxicola rubetra*****Whinchat**

Rare summer visitor and fairly common passage migrant that formerly bred on the Downs and elsewhere. This small perching bird is widespread in Sussex on migration and can be told apart from the similar stonechat by virtue of its distinctive white eye-stripe.

Bern Convention Appendix 2

<b>First Date</b>	<b>Last Date</b>	<b>No. of Records</b>
05/01/2007	10/03/2015	9

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***Saxicola rubicola*****Stonechat**

A robin-sized bird which is a fairly common resident and partial migrant. It shows a marked preference for heathland with scattered clumps of gorse as well as some downland plantations, where you can hear its loud "tacc tacc" call like two stones being tapped together. Widespread in our area. Feeds on invertebrates, seeds and fruit (e.g. blackberries).

Bern Convention Appendix 2

<b>First Date</b>	<b>Last Date</b>	<b>No. of Records</b>
21/07/1977	03/10/2015	25

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***Oenanthe oenanthe*****Wheatear**

Very scarce breeding summer visitor and common passage migrant. Once one of the characteristic downland birds, this species declined drastically from 1938 and is now mainly recorded on or near the coast and Downs where it feeds on insects and larvae. Its black mask and white rump are key identification features and the only regular breeding area in Sussex is the Rye Bay area.

Bern Convention Appendix 2

First Date	Last Date	No. of Records
20/04/1995	13/04/2015	7

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***Turdus merula*****Blackbird**

An abundant breeding resident, very common or abundant winter visitor but its status as a passage migrant is unknown. One of the commonest and well-known British birds of woodland, farmland, gardens and parks where they like areas with bushes, shrubs and trees and nearby open ground with short grass where they can feed on insects, worms and berries.

Birds Directive Annex 2.2

First Date	Last Date	No. of Records
20/05/1991	31/01/2016	1222

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***Turdus pilaris*****Fieldfare**

This large, colourful thrush is a common, occasionally very common, passage migrant and winter visitor usually seen in flocks of anything from a dozen or two to several hundred. They feed on insects, worms and berries and can be seen in open countryside with grass fields, and berry-bearing hedgerows, especially hawthorn. Also frequent visitors to orchards, gardens and parks especially ones with apple trees. They will come into towns and feed in parks and on playing fields too.

Bird Population Status - red; Birds Directive Annex 2.2; Wildlife and Countryside Act 1981 (Schedule 1 Part 1)

First Date	Last Date	No. of Records
11/01/2003	30/01/2016	174

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***Turdus philomelos*****Song Thrush****BAP N**

Decreasing resident and partial migrant; common passage migrant and winter visitor. A species which is declining throughout the UK with an estimated reduction of 73% in farmland and 49% in woodland habitats. Still widespread in Sussex. It has a spotted breast and a repetitive song and feeds on worms, snails and fruits.

Birds Directive Annex 2.2; Nerc Act 2006; UK Biodiversity Action Plan priority species

First Date	Last Date	No. of Records
09/02/1997	30/01/2016	811

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***Turdus iliacus*****Redwing**

The smallest of the region's thrushes with conspicuous red flanks, it is a very common, occasionally very common, passage migrant and winter visitor. It is often seen in the wider countryside and sometimes visits parks and gardens, especially in cold, snowy weather. They feed in fields and hedgerows on berries and worms. Sometimes seen in flocks with Fieldfares.

Bird Population Status - red; Birds Directive Annex 2.2; Wildlife and Countryside Act 1981 (Schedule 1 Part 1)

First Date	Last Date	No. of Records
19/02/1994	23/01/2016	286

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***Turdus viscivorus*****Mistle Thrush**

This large thrush is a common resident and partial migrant of open woodland, gardens and parkland. It is widespread across Sussex. It feeds on slugs, worms, berries and insects, and will aggressively defend its favourite food source such as a berry tree.

Birds Directive Annex 2.2

First Date	Last Date	No. of Records
23/05/2003	09/05/2015	116

***Muscicapa striata*****Spotted Flycatcher****BAP N**

A fairly common but declining summer visitor, which is a scarce passage migrant in spring and fairly common in the autumn. It prefers open woodland with ample clearings and prominent perches, but can adapt well to gardens and parks which provide similar feeding opportunities. It feeds on insects, which it catches by flying from a perch. This species has suffered recent dramatic population declines.

Bern Convention Appendix 2; Convention on Migratory Species; Appendix 2; Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41); UK Biodiversity Action Plan priority species

First Date	Last Date	No. of Records
12/05/1990	10/09/2015	52

***Sylvia atricapilla*****Blackcap**

A very common summer visitor and passage migrant, and a scarce winter visitor. Males have a black cap and females and juveniles a red brown cap on otherwise grey plumage. Although primarily a summer visitor birds from Germany and north-east Europe are increasingly spending the winter in the UK. It favours woodland with tall trees and undergrowth as well as parks and mature gardens, where it can feed on insects and berries.

First Date	Last Date	No. of Records
12/05/1990	21/01/2016	453

***Sylvia borin*****Garden Warbler**

A common summer visitor and passage migrant it has very dull brown non-descript plumage as it's Latin name suggests. Despite its name it is not normally a garden bird, preferring deciduous and mixed woodland and woodland edges, with glades, rides and other open areas where it can feed on insects and berries. Widespread in wooded areas and less frequent on the Downs and coastal plain.

First Date	Last Date	No. of Records
10/05/2006	20/06/2015	91

***Sylvia curruca*****Lesser Whitethroat**

A fairly common summer visitor and passage migrant. It is a small skulking warbler that favours bushy places and scrub rather than woodland or open farmland. Particularly favours hawthorn and blackthorn bushes and hedges where it can feed on insects, and berries in the autumn. Widespread in suitable places across Sussex.

First Date	Last Date	No. of Records
30/04/1996	31/05/2014	49

***Sylvia communis*****Whitethroat**

A medium-sized warbler which is a very common summer visitor and passage migrant. Favours open areas including hedges, scrub, coastal clifftops and young deciduous woods and woodland edges. Widespread across Sussex, avoiding urban areas. It feeds on insects, and berries and fruit in the autumn.

First Date	Last Date	No. of Records
14/08/2004	22/08/2015	243

## ***Regulus regulus***

## **Goldcrest**

The Goldcrest is the UK's smallest songbird and is a very common breeding resident, common passage migrant and winter visitor. It is predominantly a bird of coniferous forests and may also take up residence in deciduous woodland, suburban parks and large gardens where there are conifers nearby. They feed on insects and can often be found in tit flocks. Inclined to suffer in hard winters.

Bern Convention Appendix 2

<b>First Date</b>	<b>Last Date</b>	<b>No. of Records</b>
28/04/2000	31/01/2016	194

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## ***Regulus ignicapilla***

## **Firecrest**

Scarce breeder; passage migrant and winter visitor. A bird that shows a preference for the edges of mature spruce plantations. This tiny beautiful bird is recorded from only a few scattered locations in our area.

Bern Convention Appendix 2; Wildlife and Countryside Act 1981 (Schedule 1 Part 1)

<b>First Date</b>	<b>Last Date</b>	<b>No. of Records</b>
07/11/2013	22/10/2015	2

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## ***Aegithalos caudatus***

## **Long-tailed Tit**

This charming small bird is a very common resident found in woodland, farmland hedgerows, scrubland, parks and gardens. In winter they form flocks with other tit species. They are widespread across Sussex. It is easily recognised as it has a very long tail, and distinctive pink, white and black colouration. It feeds on insects and sometimes seed during the autumn and winter.

<b>First Date</b>	<b>Last Date</b>	<b>No. of Records</b>
01/05/1990	30/01/2016	531

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## ***Cyanistes caeruleus***

## **Blue Tit**

This colourful small bird is an abundant resident found mainly in deciduous woodland. It has adapted to gardens with mature trees or nestboxes and is also found in parkland, hedgerows and conifers. Recorded almost everywhere in Sussex. It feeds on insects, caterpillars, seeds and nuts, and is a regular visitors to garden birdfeeders.

Bern Convention Appendix 2

<b>First Date</b>	<b>Last Date</b>	<b>No. of Records</b>
09/02/1997	30/01/2016	1144

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## ***Parus major***

## **Great Tit**

This is the UK's largest tit, and is an abundant resident. It is a woodland bird which has readily adapted to man-made habitats and is a familiar garden visitor. It feeds on insects, seeds and nuts and will readily visit garden birdfeeders and use nestboxes. It can also be found along hedgerows and in parks and coniferous woodland. Recorded almost everywhere in Sussex.

Bern Convention Appendix 2

<b>First Date</b>	<b>Last Date</b>	<b>No. of Records</b>
20/05/1991	30/01/2016	1037

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## ***Periparus ater***

## **Coal Tit**

A small bird that is a very common resident that favours woodland, especially conifer woods, parks and gardens. It feeds on insects, seeds and nuts and is a regular visitor to peanut feeders in gardens. It is widespread in Sussex. In winter it joins with other tits to form feeding flocks.

Bern Convention Appendix 2

<b>First Date</b>	<b>Last Date</b>	<b>No. of Records</b>
28/04/2000	31/12/2015	107

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**Poecile montana****Willow Tit****BAP N**

A very scarce and declining resident that favours damp woodland close to rivers, streams and gravel pits. It also likes undergrowth in broadleaved woodland and is sometimes found well away from water in marginal habitat not so suitable for other Tit species. This species has suffered recent population declines. It has a large sooty-black cap extending to the back of the neck and a small untidy black bib; it feeds on insects, seeds and berries.

Bern Convention Appendix 2; Bird Population Status - red; Nerc Act 2006; UK Biodiversity Action Plan priority species

First Date	Last Date	No. of Records
01/06/1976	07/02/1999	10

**Poecile palustris****Marsh Tit****BAP N**

A smart looking bird with a black bib and glossy black cap. It is a scarce resident preferring woodland areas, normally away from the coast. Also found in orchards, mature gardens and parkland. It feeds on insects and seeds. It has seen recent population declines.

Bern Convention Appendix 2; Bird Population Status - red; Nerc Act 2006; UK Biodiversity Action Plan priority species

First Date	Last Date	No. of Records
26/01/1987	31/12/2015	32

**Sitta europaea****Nuthatch**

A small plump colourful bird which is a common resident of mature deciduous woods, especially large oakwoods, wooded parks and gardens. It is widespread across Sussex except on the coastal plain. It feeds on a varied diet of insects, hazel nuts, acorns, beechmast and other nuts and seed.

Bern Convention Appendix 2

First Date	Last Date	No. of Records
12/05/1990	04/01/2016	442

**Certhia familiaris****Treecreeper**

A small brown and white bird which is a common resident frequenting coniferous and deciduous woods, small copses, parks and gardens with mature trees. It can also be found in thick hedges in winter. It is widespread in woodland areas across Sussex. It moves like a mouse moving up tree trunks looking for insects and spiders.

Bern Convention Appendix 2

First Date	Last Date	No. of Records
20/05/1991	15/12/2015	141

**Garrulus glandarius****Jay**

The most colourful of the regions crow family, the Jay is a very common resident of broad-leaved and coniferous woodland. It has also moved into parks, cemeteries and gardens where there are mature trees. They are secretive birds that usually only make their presence known with a screaming call. Widespread across Sussex but absent or less frequent in the coastal plain. They feed on acorns, nuts, seeds and insects; burying some acorns for retrieval later on in the winter.

Birds Directive Annex 2.2

First Date	Last Date	No. of Records
09/02/1997	18/01/2016	578

***Pica pica*****Magpie**

This well-known black and white bird is a very common resident of woodland, farmland, parks and gardens - though they prefer grassland with thick hedges or scattered trees. Frequent in towns and widespread across Sussex. Often seen in small flocks; they are omnivorous scavengers.

Birds Directive Annex 2.2

First Date	Last Date	No. of Records
09/02/1997	31/01/2016	1211

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***Corvus corone agg.*****Carrion Crow**

First Date	Last Date	No. of Records
15/01/2012	16/01/2012	2

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***Corvus monedula*****Jackdaw**

This small black and grey crow is a very common resident of woodland, parks and gardens with areas of grassland, often seen in pairs or small flocks. In towns it will nest in roofs and chimneys which simulate its more natural tree hole sites. In winter it spends time in stubble and ploughed fields and pasture, often in the company of Rooks. It feeds on insects, seeds and scraps.

Birds Directive Annex 2.2

First Date	Last Date	No. of Records
09/02/1997	31/01/2016	932

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***Corvus frugilegus*****Rook**

This large black crow with a prominent white beak is a very common resident of lowland farmland of open fields, especially grassland with tall trees close by where they build their nests. Nearly always found in gregarious flocks, and regularly with Jackdaws. Widespread in Sussex though less so in the north east Weald. The Rook feeds on worms, grain and insects.

Birds Directive Annex 2.2

First Date	Last Date	No. of Records
05/05/1996	28/12/2015	113

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***Corvus corone*****Carrion Crow**

This all black crow is a very common resident found almost everywhere, from the centre of cities to heathland and from woodlands to the seashore, using trees, cliffs and buildings as nest sites. It feeds on carrion, insects, worms, seeds, fruit and any scraps. Recorded almost everywhere in Sussex.

Birds Directive Annex 2.2

First Date	Last Date	No. of Records
11/01/2003	31/12/2015	122

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***Corvus corone subsp. corone*****Carrion Crow**

Birds Directive Annex 2.2

First Date	Last Date	No. of Records
28/04/2000	31/01/2016	1063

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**Corvus corax****Raven**

This is a huge black bird with a large bill and diamond shape tail; it is a scarce and increasing breeding resident. It first bred in the modern era in 2001. It is usually recorded from the coast, especially where there are cliffs, but is sometimes seen inland too. It feeds on carrion.

First Date	Last Date	No. of Records
13/09/2008	21/12/2014	7

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**Pastor roseus****Rose-coloured Starling**

This is a rare vagrant. (see details at [www.sos.org.uk](http://www.sos.org.uk)).  
Bern Convention Appendix 2

First Date	Last Date	No. of Records
28/10/2000	21/06/2014	7

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**Sturnus vulgaris****Starling****BAP N**

This beautiful glossy black bird is a common but declining resident, and very common to abundant winter visitor. It favours open woodland and woodland edges, hedgerows, parks and gardens and winters in arable fields, pasture, gardens, parks and on the seashore. It feeds on insects and fruit. Large noisy feeding flocks can collect into even larger roosting flocks. Still one of the commonest of garden birds, its decline elsewhere makes it a Red List species of conservation concern.

Birds Directive Annex 2.2; Nerc Act 2006; UK Biodiversity Action Plan priority species

First Date	Last Date	No. of Records
09/02/1997	31/01/2016	574

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**Passer domesticus****House Sparrow****BAP N**

This well-known noisy and gregarious bird is a very common, but possibly declining resident, recorded almost everywhere in Sussex. Found both in urban areas and the countryside, it normally feeds and breeds near people. It feeds on seeds and scraps. Although vanishing from the centre of many cities, it is not uncommon in most towns and villages, though it is declining. This has earned it a place on the Red List of species of conservation concern.

Bird Population Status - red; Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41); UK Biodiversity Action Plan priority species

First Date	Last Date	No. of Records
09/02/1997	23/01/2016	909

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**Passer montanus****Tree Sparrow****BAP N**

A bird that has had large fluctuations in population in the past but which has been in decline in the British Isles for some time. In Sussex it is a much declined and now very scarce resident, and a scarce passage migrant and winter visitor, more abundant in East Sussex than in the West. It is mainly a bird of open farmland with hedgerows and free-standing trees where it feeds on insects and seeds.

Environmental Stewardship Target Species (High Weald); Environmental Stewardship Target Species (Low Weald); Environmental Stewardship Target Species (Pevensey Levels); Environmental Stewardship Target Species (Romney Marsh); Environmental Stewardship Target Species (South Downs); Environmental Stewardship Target Species (Wealden Greensand); Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41); UK Biodiversity Action Plan priority species

First Date	Last Date	No. of Records
06/05/1976	02/07/2006	4

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***Acanthis cabaret*****Lesser Redpoll****BAP N**

This is a small brown streaked finch with a distinctive red forehead. It is a scarce breeder, fairly common passage migrant and winter visitor with most records from the east and north of Sussex. It can be seen in large flocks with Siskins feeding on seeds in Birch and Alder trees.

Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41); UK Biodiversity Action Plan priority species

First Date	Last Date	No. of Records
25/05/1980	24/12/2013	60

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***Acanthis flammea*****Common (Mealy) Redpoll**

This small finch is a scarce visitor to Sussex, mainly in autumn and winter. It is similar to the Lesser Redpoll with a red forehead, but larger and paler in appearance. It winters in areas with birch, alder and spruce trees where it can feed on small seeds from the trees and insects.

Bern Convention Appendix 2

First Date	Last Date	No. of Records
31/01/2006	31/12/2009	72

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***Chloris chloris*****Greenfinch**

This finch has distinctive green-yellow wing patches and is very common resident, and possibly fairly common passage migrant and scarce winter visitor. It can be found anywhere in Sussex with tall, fairly dense trees and plenty of seeds and insects. In winter it tends to feed in fields, gardens and along the seashore, often joining with flocks of other finches and buntings.

Bern Convention Appendix 2

First Date	Last Date	No. of Records
09/02/1997	28/12/2015	538

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***Linaria cannabina*****Linnet****BAP N**

A small finch that declined rapidly, particularly in the 1970s and 1980s. Populations have subsequently been stable, but not increasing thought partly to do with the destruction of hedges which it requires for nesting sites. Widely recorded across East and West Sussex, often near the coast or on farmland where it feeds on seeds and insects.

Bern Convention Appendix 2; Nerc Act 2006; UK Biodiversity Action Plan priority species

First Date	Last Date	No. of Records
09/03/1993	28/12/2015	125

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***Spinus spinus*****Siskin**

A yellow-green and black bird that is a common winter visitor, passage migrant and a very scarce breeder mainly in mature conifer woods close to heathlands. There are many coastal records and it is often seen feeding on alder seeds along rivers. There is an increasing tendency to visit peanut feeders in gardens.

Bern Convention Appendix 2

First Date	Last Date	No. of Records
29/12/1999	27/01/2016	231

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***Fringilla coelebs*****Chaffinch**

This colourful finch is an abundant resident, and probably very common passage migrant and winter visitor. It is Britain's second commonest breeding bird favouring places with trees and bushes, including coniferous and deciduous woodland, farmland hedgerows, parks and rural and suburban gardens where it can feed on seeds and insects. It is recorded almost everywhere in Sussex.

First Date	Last Date	No. of Records
20/05/1991	16/01/2016	628

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***Fringilla montifringilla*****Brambling**

This finch is a fairly common winter visitor and passage migrant of fields, woodland edges, beech woods, parks and gardens. It often forms large feeding flocks with other finches feeding on seeds.

Wildlife and Countryside Act 1981 (Schedule 1 Part 1)

First Date	Last Date	No. of Records
19/02/2006	19/10/2009	18

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***Carduelis carduelis*****Goldfinch**

A colourful finch which is a probably fairly common resident, common summer visitor and passage migrant, and fairly common winter visitor. It likes trees and bushes with areas of tall weeds nearby and often breeds in parks, gardens, nurseries, orchards and churchyards as well as in the wider countryside. Its diet consists of insects and seeds, particularly thistle and teasel, and it is often seen in social flocks.

Bern Convention Appendix 2

First Date	Last Date	No. of Records
19/02/1994	29/04/2016	840

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***Loxia curvirostra*****Common Crossbill**

A chunky finch with a large head and bill, it is an irruptive species; usually a scarce visitor but fairly common in some years. It is a very scarce breeder in some years. Feeds almost exclusively on seeds in conifer woodlands. Breeds occasionally and can be seen flying in family groups or larger flocks.

Bern Convention Appendix 2; Wildlife and Countryside Act 1981 (Schedule 1 Part 1)

First Date	Last Date	No. of Records
27/12/1999	15/03/2010	6

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***Pyrrhula pyrrhula*****Bullfinch****BAP N**

A fairly common and widespread resident species found in woodland, in orchards and on farmland, where it is closely associated with dense shrubs, scrub and untrimmed hedges. It is a stout finch which feeds on seeds, buds and insects (for its young). It has declined substantially in recent years mainly due to habitat changes.

Nerc Act 2006; UK Biodiversity Action Plan priority species

First Date	Last Date	No. of Records
09/02/1997	29/04/2016	388

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***Coccothraustes coccothraustes*****Hawfinch****BAP N**

This is our largest finch, with a massive powerful bill for eating seeds, buds and shoots. A scarce breeding resident and very scarce passage migrant. An elusive finch of mixed deciduous woodland recorded rather more frequently in East Sussex. This species is probably under-recorded in the county owing to its secretive nature.

Bern Convention Appendix 2; Bird Population Status - red; Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41); UK Biodiversity Action Plan priority species

<b>First Date</b>	<b>Last Date</b>	<b>No. of Records</b>
28/01/1978	17/01/1987	3

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***Emberiza citrinella*****Yellowhammer****BAP N**

A strikingly yellow bunting that is a fairly common resident that favours open country such as farmland with hedgerows and bushes, heaths, commons and areas of scrubland. It feeds on insects and seed. It is widespread in Sussex but has suffered recent declines. Well known for their "a little bit of bread and no cheeeese" song.

Bern Convention Appendix 2; Environmental Stewardship Target Species (High Weald); Environmental Stewardship Target Species (Low Weald); Environmental Stewardship Target Species (Romney Marsh); Environmental Stewardship Target Species (South Downs); Environmental Stewardship Target Species (Wealden Greensand); Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41); UK Biodiversity Action Plan priority species

<b>First Date</b>	<b>Last Date</b>	<b>No. of Records</b>
15/05/2000	04/07/2015	168

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***Emberiza schoeniclus*****Reed Bunting****BAP N**

A black, white and brown bunting that is a fairly common resident, passage migrant and winter visitor typically found in wet vegetation but it has recently spread into farmland and, in winter, into gardens. It feeds on seeds and insects. It has suffered a serious population decline in recent years.

Bern Convention Appendix 2; Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41); UK Biodiversity Action Plan priority species

<b>First Date</b>	<b>Last Date</b>	<b>No. of Records</b>
15/05/1979	12/04/2015	254

## BIODIVERSITY ACTION PLAN SPECIES INVENTORY

**The BAP Species Inventory does not include bat, bird or otter records.**

**Bat and bird records are included in separate inventories, while otter records are not included in SxBRC reports.**

The UK Biodiversity Action Plan (BAP), published in 1994, was the UK Government's response to signing the Convention on Biological Diversity (CBD) at the 1992 Rio Earth Summit. The new **UK post-2010 Biodiversity Framework** replaces the previous UK level BAP, though the lists of priority species agreed under the UK BAP still form the basis of much biodiversity work in the UK. The current strategy for England is '**Biodiversity 2020: A Strategy for England's wildlife and ecosystem services**'. Although the UK BAP has been succeeded, Species Action Plans (SAPs) developed under the UK BAP still remain important and valuable reference sources for background information on Priority Species under the UK Post-2010 Biodiversity Framework.

The new framework includes five internationally agreed strategic goals and supporting targets to be achieved by 2020. The five strategic goals agreed were:

- **Strategic Goal A:** Address the underlying causes of biodiversity loss by mainstreaming biodiversity across government and society
- **Strategic Goal B:** Reduce the direct pressures on biodiversity and promote sustainable use
- **Strategic Goal C:** To improve the status of biodiversity by safeguarding ecosystems, species and genetic diversity
- **Strategic Goal D:** Enhance the benefits to all from biodiversity and ecosystem services
- **Strategic Goal E:** Enhance implementation through participatory planning, knowledge management and capacity building.

Further information on the UK BAP and details of the species and habitat action plans can be found on the [JNCC website](#).

### **BAP species within this report**

- **BAP records are labelled so that only one record per species per grid reference is included in a SxBRC report. This will usually be the most up to date record.**
- **Species which appear in the 'England Biodiversity List' to meet the requirements of Section 41 of the NERC Act (2006)\* are labelled with the symbol N.**

### **\* Natural Environment & Rural Communities (NERC) Act**

The NERC Act (2006) was established with the intention to help ensure that biodiversity becomes an integral consideration in the development of policies, and that decisions of public bodies work with nature and not against it.

The England Biodiversity List has been drawn up to meet the requirements of Section 41 of the Act. The S41 list consists of **943 species** and **56 habitats** of principal importance in England and will be used to guide decision-makers such as public bodies, including local and regional authorities, in implementing their duty under Section 40 of the NERC Act.

Further details of the NERC Act can be found on the [Natural England website](#).

## UK BIODIVERSITY ACTION PLAN SPECIES INVENTORY REPORT

Please note that bat, bird and otter records are not included in this report

Land at Southwater Parish

11 November 2016 SxBRC/16/548 Search Area:

Prepared for Jennifer Nagy (Southwater Parish Council)

### *Cephalanthera damasonium*

### White Helleborine

N

#### Flowering plant

A plant of mature beechwoods, mostly on chalk or limestone soils. Widespread in suitable places in Sussex, on the Downs and Purbeck Beds.

#### Designations

EC CITES Annex B, IUCN (2001) - Vulnerable, Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41), Sussex Biodiversity Action Plan, UK Biodiversity Action Plan priority species

Grid Reference	Recorder	Date	Locality
TQ1410629505	Matthew Gibson	29/05/2012	Itchingfield CP

### *Leersia oryzoides*

### Cut-grass

N

#### Flowering plant

A very rare perennial grass of nutrient-rich mud around the cattle-trampled margins of lakes and ponds, in ditches, on canal banks and riversides. Its British stronghold is now in West Sussex, where it is principally restricted to the Arun valley, though still widespread and plentiful on Amberley Wild Brooks.

#### Designations

IUCN (2001) - Endangered, Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41), Sussex Biodiversity Action Plan, Sussex Protected Species Register, Sussex Rare Species Inventory, UK Biodiversity Action Plan priority species, Wildlife and Countryside Act 1981 (Schedule 8)

Grid Reference	Recorder	Date	Locality
TQ178295	Jacob Everitt	13/08/2014	Chesworth Farm, HDC: Chesworth Farm
TQ17912922	Frances Southgate	12/07/2015	Chesworth Farm, Horsham

### *Galeopsis angustifolia*

### Red Hemp-nettle

N

#### Flowering plant

A steadily decreasing annual of arable land, waste places and open ground. Now very rare in Sussex with only two post-1986 records from Rye Harbour in East Sussex and Pagham in West Sussex.

#### Designations

IUCN (2001) - Critically endangered, Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41), Sussex Biodiversity Action Plan, Sussex Rare Species Inventory, UK Biodiversity Action Plan priority species

Grid Reference	Recorder	Date	Locality
TQ180270	Ann Griffiths	14/05/1985	Sedgewick Park SNCI - North field

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*Torilis arvensis*

## Spreading Hedge-parsley

N

**Flowering plant**

A long-established and declining weed almost exclusively found on arable land in autumn-sown cereals. There are recent records from only four localities in West Sussex and a single record from East Sussex.

**Designations**

IUCN (2001) - Endangered, Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41), Sussex Biodiversity Action Plan, Sussex Rare Species Inventory, UK Biodiversity Action Plan priority species

Grid Reference	Recorder	Date	Locality
TQ163258	Ben Rainbow	03/08/2009	Southwater County Park Complex

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*Lucanus cervus*

## Stag Beetle

N

**Insect - beetle (Coleoptera)**

A beetle of broadleaved woodland, parks, other pasture woodland and gardens. The larvae live in the decaying wood of deciduous trees, often in roots and stumps. Widely recorded from West Sussex but rare in East Sussex and apparently absent from much of the vice-county.

**Designations**

Habitats Directive Annex 2 - non-priority species, Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41), Sussex Biodiversity Action Plan, Sussex Rare Species Inventory, UK Biodiversity Action Plan priority species, Wildlife and Countryside Act 1981 (Schedule 5 Section 9.5a)

Grid Reference	Recorder	Date	Locality
TQ132265	PTES volunteer	05/06/2015	Unspecified location in the parish of Itchingfield
TQ156253	PTES volunteer	30/05/2015	Unspecified location in the parish of Southwater
TQ15902545	Ros Mothe	27/06/2010	Mill Straight, Southwater CP
TQ159258	Connie Tremlett	04/06/2012	Southwater Country Park, HDC: Southwater Country Park
TQ160261	PTES volunteer	19/06/2015	Unspecified location in the parish of Southwater
TQ161256	PTES volunteer	17/06/2015	Unspecified location in the parish of Southwater
TQ182298	PTES volunteer	07/06/2015	Unspecified location in the parish of Horsham

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*Hepialus humuli*

## Ghost Moth

N

**Insect - moth**

A large moth that is a member of a primitive suborder of the Lepidoptera. Frequenting hillsides, waste ground and other grassy places, this species is widespread over the whole of the British Isles. The larvae feed at the roots of grasses and a wide variety of wild and cultivated plants. Widely recorded in Sussex both at specific (*Hepialus humuli*) and subspecific (*H. humuli humuli*) level.

**Designations**

Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41), Sussex Biodiversity Action Plan, UK Biodiversity Action Plan priority species

Grid Reference	Recorder	Date	Locality
TQ159258	Jacob Everitt	17/06/2010	Southwater Quarry, HDC: Southwater Country Park
TQ17532981	Tim Thomas	26/06/2014	Chesworth Farm
TQ176295	Sam Bayley	29/06/2006	Chesworth Farm, Horsham, HDC: Chesworth Farm
TQ17632979	Tim Thomas	04/06/2015	Chesworth Farm
TQ178295	Malcolm Stevens;Tim Thomas;Sam Bayley;Jon Pickett	29/06/2006	Chesworth Farm, HDC: Chesworth Farm

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*Erynnis tages*

## Dingy Skipper

N

**Insect - butterfly**

The butterfly occurs in discrete colonies, frequenting downland, dunes, heaths, embankments, woodland rides and occasionally damper areas. The larva feeds on birdsfoot trefoils, *Lotus corniculatus* and *L. uliginosus*. Southern Britain and Wales, being more local further north. Widespread but declining in Sussex Weald. More stable on the South Downs. Recorded under both *Erynnis tages* and as the nominate subspecies *Erynnis tages tages*.

**Designations**

IUCN (2001) - Vulnerable, Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41), Sussex Biodiversity Action Plan, UK Biodiversity Action Plan priority species

Grid Reference	Recorder	Date	Locality
TQ157257	Graham Champion	31/05/1998	Southwater car park
TQ157258	Sam Bayley	2004	HDC: Southwater Country Park
TQ158257	Ben Rainbow	05/08/2009	Southwater County Park Complex
TQ158260	Sam Bayley	26/05/2005	Southwater Country Park
TQ159258	Tom Simon	14/06/2013	Southwater Quarry, HDC: Southwater Country Park

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*Pyrgus malvae*

## Grizzled Skipper

N

**Insect - butterfly**

A butterfly of sheltered meadows, downland and open woodland rides. Larva on *Potentilla*, *Fragaria vesca* and *Agrimonia eupatoria*. Commonest in central southern England, Wales and the Midlands up to Yorkshire. Still widespread on the Downs but less common than it was in the Weald.

**Designations**

IUCN (2001) - Vulnerable, Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41), Sussex Biodiversity Action Plan, UK Biodiversity Action Plan priority species

Grid Reference	Recorder	Date	Locality
TQ1326	Neil Hulme	25/06/2012	Southwater Woods
TQ1425	Neil Hulme	26/06/2012	Marpost Wood
TQ143258	Graham Champion	31/05/1998	Marpost Wood
TQ157257	Graham Champion	01/06/1997	Southwater Park Country Park
TQ158257	Ben Rainbow	05/08/2009	Southwater County Park Complex
TQ158260	Sam Bayley	17/05/2005	Southwater Country Park
TQ159258	Sam Dowding	18/06/2014	Southwater Quarry, HDC: Southwater Country Park
TQ165261	Sam Bayley	2004	Southwater, HDC: Southwater Country Park
TQ178295	Jo Pitty	12/05/2011	Chesworth Farm, HDC: Chesworth Farm

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*Coenonympha pamphilus*

## Small Heath

N

**Insect - butterfly**

A small grassland butterfly that is fairly widespread in Sussex, especially on the Downs. The species has become much less common than it used to be in many areas in recent decades.

**Designations**

IUCN (2001) - Lower risk - near threatened, Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41), Sussex Biodiversity Action Plan, UK Biodiversity Action Plan priority species

Grid Reference	Recorder	Date	Locality
TQ141255	Lee Hurrell	10/07/2010	Southwater Woods, West Sussex (VC13)
TQ158255	Malcolm Bridge	03/07/1998	HDC: Southwater Country Park
TQ158257	S. Poole	14/09/1997	Southwater Park Country Park
TQ159258	Sue Cocker	22/08/2011	Southwater Quarry, HDC: Southwater Country Park
TQ164258	Dave Green;Penny Green	14/06/2009	Southwater Quarry, West Sussex (VC13)
TQ164259	Anon @ BDS Sussex Group;Phil Belden;Penny Green	14/06/2009	Southwater Quarry, West Meadow, Southwater Quarry
TQ176294	Anon @ M&S Big Butterfly Count	02/08/2010	Chesworth Farm, West Sussex (VC13)
TQ178295	Lesley Wyness	21/09/2010	Chesworth Farm, HDC: Chesworth Farm

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*Limenitis camilla*

## White Admiral

N

**Insect - butterfly**

A fairly widespread woodland butterfly that has increased a little in numbers and range in Sussex in recent decades. The larvae are found on honeysuckle.

**Designations**

IUCN (2001) - Vulnerable, Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41), Sussex Biodiversity Action Plan, UK Biodiversity Action Plan priority species

Grid Reference	Recorder	Date	Locality
TQ1326	Jim Steedman;Judith Steedman	16/07/2005	Marlpot/Madgeland Wood
TQ139262	Tom Ottley	27/06/2010	Madgelands Wood, Dogbarking West, West Sussex (VC13)
TQ139263	D. Dancy;M. Dancy	29/06/2005	Dogbarking, Southwater
TQ139264	Mike Snelling	25/06/2006	Southwater, HDC: Southwater Country Park
TQ140258	Colin Knight	18/07/2009	Southwater Woods, West Sussex (VC13)
TQ140260	Dan Hoare	28/06/2008	Southwater Woods, Dogbarking master tree
TQ140262	Tom Ottley	27/06/2010	Madgelands Wood, Dogbarking Corner, West Sussex (VC13)
TQ140288	Alice Parfitt	30/06/2006	Shelleys Wood
TQ141255	Lee Hurrell	26/06/2011	Southwater Woods, West Sussex (VC13)
TQ141258	Peter Farrant	08/07/2008	Southwater Woods
TQ141259	Dan Hoare	28/06/2008	Southwater Woods, Marlpot Lane
TQ141260	Claire Sell	12/07/2014	Warnham LNR
TQ14162554	Matthew Farmer	20/07/2014	Southwater Wood
TQ142258	Andrew Culshaw	26/07/2013	Marlpot Wood, west of Southwater
TQ1425	Neil Hulme	30/06/2012	Marlpot Wood
TQ143258	D. Dancy;M. Dancy	29/06/2003	Marlpot
TQ144256	Tom Ottley	12/07/2009	Southwater Woods, Marlpot Wood, West Sussex (VC13)
TQ144258	D.A. Dancy	24/06/2009	Southwater, West Sussex (VC13)
TQ146256	Tim Thomas	04/07/2014	Marlpot Wood
TQ151256	Anon @ M&S Big Butterfly Count	26/07/2010	Carpenters Wood, West Sussex (VC13)
TQ1525	Steve East	15/07/2012	Land in Shipley parish
TQ159258	Charles Fentiman	30/07/2011	Southwater Quarry, HDC: Southwater Country Park
TQ162273	Anon @ M&S Big Butterfly Count	30/07/2010	Southwater Street, West Sussex (VC13)
TQ178295	Jacob Everitt	01/07/2011	Chesworth Farm, HDC: Chesworth Farm



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*Thecla betulae*

## Brown Hairstreak

N

**Insect - butterfly**

A butterfly requiring sloe scrub in which to breed. Widely, but very thinly, distributed in West Sussex, but gone from the east and generally in decline nationally.

**Designations**

IUCN (2001) - Vulnerable, Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41), Sussex Biodiversity Action Plan, Sussex Rare Species Inventory, UK Biodiversity Action Plan priority species, Wildlife and Countryside Act 1981 (Schedule 5 Section 9.5a)

Grid Reference	Recorder	Date	Locality
TQ1426	Richard Roebuck;Michael Blencowe	05/12/2010	Southwater, Kirsty's Wood (1km sq), West Sussex (VC13)
TQ1428	Richard Roebuck;Michael Blencowe	05/12/2010	Christ's Hospital (1km sq), West Sussex (VC13)
TQ144282	Peter Gay;Joyce Gay	03/11/2000	Christ's Hospital
TQ147272	Joyce Gay	07/12/1997	Box Castle, Downs Link
TQ149269	Joyce Gay	30/12/2006	Downs Link, Southwater
TQ152267	Joyce Gay	30/01/2007	Downs Link west of Southwater
TQ154264	Joyce Gay	30/12/2006	Downs Link, Southwater
TQ156273	Joyce Gay	23/11/2004	Two Mile Ash, nr Bax Castle, Southwater
TQ158257	Ben Rainbow	05/08/2009	Southwater County Park Complex
TQ159258	Sue Cocker	02/10/2015	Southwater Quarry, HDC: Southwater Country Park
TQ160268	Peter Gay;Joyce Gay	04/12/1998	Pond Farm Ghyll, Southwater LNR
TQ161259	J.P. Gay	01/12/1996	HDC: Southwater Country Park
TQ161268	Peter Gay;Joyce Gay	04/12/1998	Pond Farm Ghyll, Southwater LNR
TQ162251	Peter Gay;Joyce Gay	01/12/2001	A24 Southwater
TQ162262	James Havers	2003	HDC: Southwater Country Park
TQ163252	Peter Gay;Joyce Gay	01/12/2001	A24 Southwater
TQ163254	Peter Gay;Joyce Gay	01/12/2001	A24 Southwater
TQ163276	Joyce Gay	30/12/2004	Southwater Street, bridge over A24
TQ163279	Peter Gay;Joyce Gay	04/12/1998	Hop Oast Roundabout, A24 Southwater
TQ163288	Joyce Gay	01/12/2002	Nr Park & Ride Horsham
TQ164287	Peter Gay;Joyce Gay	07/12/1998	Nr Denne Park, Horsham
TQ165271	Joyce Gay	30/12/2004	Nr Southwater
TQ168271	Joyce Gay	30/12/2004	Nr Southwater
TQ168276	Joyce Gay	30/12/2004	In playing fields nr Southwater
TQ1727	Richard Roebuck;Michael Blencowe	05/12/2010	Southwater, Coltstaple Farm (1km sq), West Sussex (VC13)
TQ1729	Richard Roebuck;Michael Blencowe	05/12/2010	Chesworth Farm, West Sussex (VC13)
TQ178295	Tim Thomas	03/08/2010	Chesworth Farm, HDC: Chesworth Farm
TQ179273	Joyce Gay	01/12/2002	Nr Copsale
TQ180273	Joyce Gay	01/12/2002	Nr Copsale

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*Satyrion w-album*

## White-letter Hairstreak

N

**Insect - butterfly**

A butterfly with elm-feeding larvae that declined dramatically after Dutch elm disease. Recorded from 17 1km squares since 2000, mostly near the Downs in East and West Sussex.

**Designations**

IUCN (2001) - Endangered, Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41), Sussex Biodiversity Action Plan, UK Biodiversity Action Plan priority species, Wildlife and Countryside Act 1981 (Schedule 5 Section 9.5a)

Grid Reference	Recorder	Date	Locality
TQ140256	Neil Hulme	11/07/2011	Marlpost Road, West Sussex (VC13)
TQ1425	Neil Hulme	11/07/2011	Southwater Woods, West Sussex (VC13)

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*Cupido minimus*

## Small Blue

N

**Insect - butterfly**

Britain's smallest butterfly. Found in discrete colonies in a number of places along the Downs from East to West Sussex.

**Designations**

IUCN (2001) - Lower risk - near threatened, Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41), Sussex Biodiversity Action Plan, UK Biodiversity Action Plan priority species, Wildlife and Countryside Act 1981 (Schedule 5 Section 9.5a)

Grid Reference	Recorder	Date	Locality
TQ158257	Ben Rainbow	05/08/2009	Southwater County Park Complex
TQ159258	Unknown	14/06/2009	Southwater Quarry, HDC: Southwater Country Park
TQ159260	Corinna Hardware	19/06/2014	Southwater Country Park
TQ164258	Dave Green;Penny Green	14/06/2009	Southwater Quarry, West Sussex (VC13)
TQ164259	Anon @ BDS Sussex Group;Phil Belden;Penny Green	14/06/2009	Southwater Quarry, West Meadow, Southwater Quarry

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*Watsonalla binaria*

## Oak Hook-tip

N

**Insect - moth**

A widespread moth of woods and parks, though said to be rapidly declining. Relatively common in Sussex, but numbers are inclined to fluctuate.

**Designations**

Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41), Sussex Biodiversity Action Plan, UK Biodiversity Action Plan priority species

Grid Reference	Recorder	Date	Locality
TQ159258	Jacob Everitt	31/07/2010	Southwater Country Park, HDC: Southwater Country Park

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*Cymatophorima diluta*

## Oak Lutestring

N

**Insect - moth**

A moth of mature woodland, the larva feeding on oak. Southern England, Midlands and Wales, less frequent in northern England and southern Scotland. Scattered but rather infrequent records across East and West Sussex.

**Designations**

Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41), Sussex Biodiversity Action Plan, UK Biodiversity Action Plan priority species

Grid Reference	Recorder	Date	Locality
TQ156262	Sam Bayley	22/09/2006	Southwater Country Park, Southwater, HDC: Southwater Country Park

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*Trichiura crataegi*

## Pale Eggar

N

**Insect - moth**

The larva of this moth feeds on a variety of plants including *Betula*, *Prunus* and *Crataegus*. Inhabits open woodland, hedgerows and heathland, widely distributed throughout Britain and fairly widely distributed in West Sussex, though much scarcer in East Sussex.

**Designations**

Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41), Sussex Biodiversity Action Plan, UK Biodiversity Action Plan priority species

Grid Reference	Recorder	Date	Locality
TQ159258	Unknown	04/09/2007	Southwater Country Park, HDC: Southwater Country Park

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*Malacosoma neustria*

## Lackey

N

**Insect - moth**

The larvae of this moth feed on a variety of trees and shrubs, living in a communal tent. Distributed throughout the southern half of England becoming very local further north. The species is vulnerable to flail cutting of hedges in winter and may be declining.

**Designations**

Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41), Sussex Biodiversity Action Plan, UK Biodiversity Action Plan priority species

Grid Reference	Recorder	Date	Locality
TQ159258	Jacob Everitt	12/07/2010	Southwater Country Park, HDC: Southwater Country Park

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*Timandra comae*

## Blood-Vein

N

**Insect - moth**

A widespread and moderately common moth in southern Britain with records from across Sussex. It is regarded as being in rapid decline.

**Designations**

Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41), Sussex Biodiversity Action Plan, UK Biodiversity Action Plan priority species

Grid Reference	Recorder	Date	Locality
TQ14002850	David Bridges;Sam Bayley	28/05/2005	Shelley's Wood, Christ's Hospital, Shelley's Wood, Christ's Hospital.
TQ156262	Sam Bayley	30/08/2006	Southwater Country Park, Southwater, HDC: Southwater Country Park
TQ172293	Deborah Clark	10/09/2008	Horsham Denne Park
TQ176295	Sam Bayley	23/08/2006	Chesworth Farm, Horsham, HDC: Chesworth Farm
TQ178295	Jacob Everitt	18/09/2014	Chesworth Farm, HDC: Chesworth Farm

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*Scotopteryx chenopodiata*

## Shaded Broad-bar

N

**Insect - moth**

Adults in a wide range of habitats including sand dunes, downland, waste ground and grassy embankments where they can be found visiting flowers from dusk onwards. Larvae on vetches and clovers. Widespread and moderately common throughout Britain. Widespread and often frequent in Sussex.

**Designations**

Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41), Sussex Biodiversity Action Plan, UK Biodiversity Action Plan priority species

Grid Reference	Recorder	Date	Locality
TQ156262	Sam Bayley	27/07/2006	Southwater Country Park, Southwater, HDC: Southwater Country Park
TQ159258	Jacob Everitt	09/07/2014	Southwater Quarry, HDC: Southwater Country Park
TQ172293	Deborah Clark	23/07/2008	Horsham Denne Park
TQ176295	Sam Bayley	19/07/2006	Chesworth Farm, Horsham, HDC: Chesworth Farm
TQ178295	Tom Forward	09/07/2015	Chesworth Farm, HDC: Chesworth Farm

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*Ecliptopera silaceata*

## Small Phoenix

N

**Insect - moth**

A common moth in England and Wales and, though widespread in Scotland, it is less common there. It lives in a variety of habitats including open woodland, downland, commons, gardens and waste ground. Generally common in Sussex.

**Designations**

Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41), Sussex Biodiversity Action Plan, UK Biodiversity Action Plan priority species

Grid Reference	Recorder	Date	Locality
TQ14002850	David Bridges;Sam Bayley	28/05/2005	Shelley's Wood, Christ's Hospital, Shelley's Wood, Christ's Hospital.
TQ159258	Jacob Everitt	16/07/2009	Southwater Country Park, HDC: Southwater Country Park
TQ172293	Deborah Clark	04/09/2008	Horsham Denne Park
TQ189295	Dave Green;Penny Green	16/05/2010	Hillier Cottage, Sedgwick Lane, Horsham

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*Ennomos fuscantaria*

## Dusky Thorn

N

**Insect - moth**

A moth of woods and parks flying from late July to October. Larvae live on ash (*Fraxinus excelsior*). Scattered across Sussex.

**Designations**

Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41), Sussex Biodiversity Action Plan, UK Biodiversity Action Plan priority species

Grid Reference	Recorder	Date	Locality
TQ156262	Sam Bayley	10/08/2005	Southwater Country Park, Southwater, HDC: Southwater Country Park
TQ159258	Anon @ CSU Horsham DC	10/08/2005	Southwater Country Park, HDC: Southwater Country Park
TQ172293	Deborah Clark	29/08/2008	Horsham Denne Park
TQ176295	Sam Bayley	03/10/2006	Chesworth Farm, Horsham, HDC: Chesworth Farm
TQ178295	Jacob Everitt	18/09/2014	Chesworth Farm, HDC: Chesworth Farm

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*Ennomos erosaria*

## September Thorn

N

**Insect - moth**

A moth of woods and parks flying from July to October. Scattered across Sussex. Larvae have been found on oak, lime and birch.

**Designations**

Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41), Sussex Biodiversity Action Plan, UK Biodiversity Action Plan priority species

Grid Reference	Recorder	Date	Locality
TQ159258	Unknown	13/08/2007	Southwater Country Park, HDC: Southwater Country Park
TQ178295	Laurie Jackson;Tim Thomas;Jacob Everitt	17/09/2015	Chesworth Farm, HDC: Chesworth Farm

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*Lycia hirtaria*

## Brindled Beauty

N

**Insect - moth**

A March and April flying moth of woods and gardens. The female has very reduced wings and is unable to fly. Larvae on a wide range of trees and shrubs. Scattered records across Sussex.

**Designations**

Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41), Sussex Biodiversity Action Plan, UK Biodiversity Action Plan priority species

Grid Reference	Recorder	Date	Locality
TQ159258	Unknown	19/04/2008	Southwater Country Park, HDC: Southwater Country Park
TQ172293	Deborah Clark	07/05/2008	Horsham Denne Park

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*Aleucis distinctata*

## Sloe Carpet

N

**Insect - moth**

A moth that flies around blackthorn (the larval foodplant) at dusk in April. A local species of southern and south eastern England. Only recorded in our area from the border of West Sussex with Sussex in the late seventies/early eighties.

**Designations**

Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41), Sussex Biodiversity Action Plan, UK Biodiversity Action Plan priority species

Grid Reference	Recorder	Date	Locality
TQ1525	Marcus Oldfield	28/04/1963	Southwater, S of Horsham, W Sussex, West Sussex (VC13)

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*Spilosoma lutea*

## Buff Ermine

N

**Insect - moth**

A yellowish-buff summer-flying moth normally with black speckles. Larvae feed on low-growing plants as well as trees and shrubs. Widespread and often common in Sussex.

**Designations**

Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41), Sussex Biodiversity Action Plan, UK Biodiversity Action Plan priority species

Grid Reference	Recorder	Date	Locality
TQ14002850	David Bridges;Sam Bayley	05/07/2003	Shelley's Wood, Christ's Hospital, Shelley's Wood, Christ's Hospital.
TQ156262	Sam Bayley	24/06/2006	Southwater Country Park, Southwater, HDC: Southwater Country Park
TQ159258	Jacob Everitt	13/07/2015	Southwater Country Park, HDC: Southwater Country Park
TQ172293	Deborah Clark	30/06/2008	Horsham Denne Park
TQ176295	Sam Bayley	19/07/2006	Chesworth Farm, Horsham, HDC: Chesworth Farm
TQ178295	Tom Forward	09/07/2015	Chesworth Farm, HDC: Chesworth Farm

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*Spilosoma lubricipeda*

## White Ermine

N

**Insect - moth**

A white moth with black speckles. Flies in the summer months and 'woolly bear' larvae feed on low-growing plants. Widespread across Sussex.

**Designations**

Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41), Sussex Biodiversity Action Plan, UK Biodiversity Action Plan priority species

Grid Reference	Recorder	Date	Locality
TQ156262	Sam Bayley	19/05/2006	Southwater Country Park, Southwater, HDC: Southwater Country Park
TQ159258	Jacob Everitt	14/06/2013	Southwater Country Park, HDC: Southwater Country Park
TQ172293	Deborah Clark	16/07/2008	Horsham Denne Park

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*Tyria jacobaeae*

## Cinnabar

N

**Insect - moth**

A red and black day-flying moth whose orange and black ringed larvae feed on ragwort and related plants. Common across Sussex.

**Designations**

Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41), Sussex Biodiversity Action Plan, UK Biodiversity Action Plan priority species

Grid Reference	Recorder	Date	Locality
TQ13462698	Ben Rainbow	04/06/2011	Rye Barn Farm Meadow, Barns Green, West Sussex (VC13)
TQ156262	Sam Bayley	13/06/2006	Southwater Country Park, Southwater, HDC: Southwater Country Park
TQ159258	Ryan Allison	25/06/2013	Southwater Quarry, HDC: Southwater Country Park
TQ178295	Tom Forward	09/07/2015	Chesworth Farm, HDC: Chesworth Farm
TQ189295	Dave Green; Penny Green	16/05/2010	Hillier Cottage, Sedgwick Lane, Horsham

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*Diloba caeruleocephala*

## Figure of Eight

N

**Insect - moth**

An autumn-flying moth of woodlands, hedges and commons. Larvae on a variety of trees. Widespread but rather scarce in Sussex.

**Designations**

Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41), Sussex Biodiversity Action Plan, UK Biodiversity Action Plan priority species

Grid Reference	Recorder	Date	Locality
TQ156262	Sam Bayley	24/10/2006	Southwater Country Park, Southwater, HDC: Southwater Country Park
TQ159258	Jacob Everitt	31/10/2009	Southwater Country Park, HDC: Southwater Country Park

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*Acronicta rumicis*

## Knot Grass

N

**Insect - moth**

A widely distributed moth in the southern half of the British Isles, but one that is marked decline. Widely recorded in Sussex.

**Designations**

Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41), Sussex Biodiversity Action Plan, UK Biodiversity Action Plan priority species

Grid Reference	Recorder	Date	Locality
TQ172293	Deborah Clark	01/08/2008	Horsham Denne Park

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*Asteroscopus sphinx*

## Sprawler

N

**Insect - moth**

A greyish woodland noctuid on the wing from October to December. The name comes from the habit of the tree-feeding larva of throwing its head back when disturbed. Recorded from only a few locations in our area both in East and West Sussex.

**Designations**

Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41), Sussex Biodiversity Action Plan, UK Biodiversity Action Plan priority species

Grid Reference	Recorder	Date	Locality
TQ156262	Sam Bayley	01/12/2006	Southwater Country Park, Southwater, HDC: Southwater Country Park
TQ159258	Jacob Everitt	06/12/2013	Southwater Country Park, HDC: Southwater Country Park
TQ172293	Deborah Clark	14/11/2008	Horsham Denne Park

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*Allophyes oxyacanthae*

## Green-brindled Crescent

N

**Insect - moth**

An autumn-flying noctuid moth with a metallic sheen. Frequents woodlands, hedgerows and gardens. Larvae on a variety of trees and bushes. Widespread in Sussex.

**Designations**

Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41), Sussex Biodiversity Action Plan, UK Biodiversity Action Plan priority species

Grid Reference	Recorder	Date	Locality
TQ156262	Sam Bayley	02/10/2006	Southwater Country Park, Southwater, HDC: Southwater Country Park
TQ159258	Jacob Everitt	21/10/2009	Southwater Quarry, HDC: Southwater Country Park
TQ176295	Sam Bayley	03/10/2006	Chesworth Farm, Horsham, HDC: Chesworth Farm

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*Caradrina morpheus*

## Mottled Rustic

N

**Insect - moth**

A common noctuid moth whose larvae feed on nettle, dandelion and other low-growing plants. It is in marked decline in the UK, but has been very widely recorded in Sussex.

**Designations**

Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41), Sussex Biodiversity Action Plan, UK Biodiversity Action Plan priority species

Grid Reference	Recorder	Date	Locality
TQ176295	Sam Bayley	29/06/2006	Chesworth Farm, Horsham, HDC: Chesworth Farm
TQ178295	Malcolm Stevens;Tim Thomas;Sam Bayley;Jon Pickett	29/06/2006	Chesworth Farm, HDC: Chesworth Farm

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*Hoplodrina blanda*

Rustic

N

**Insect - moth**

A noctuid moth of gardens, grasslands and heath with larvae that feed on a variety of low-growing plants. Very widely recorded in Sussex, but in marked decline in the UK generally.

**Designations**

Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41), Sussex Biodiversity Action Plan, UK Biodiversity Action Plan priority species

Grid Reference	Recorder	Date	Locality
TQ156262	Sam Bayley	09/08/2005	Southwater Country Park, Southwater, HDC: Southwater Country Park
TQ176295	Sam Bayley	19/07/2006	Chesworth Farm, Horsham, HDC: Chesworth Farm
TQ178295	Sam Bayley	08/07/2009	Chesworth Farm, HDC: Chesworth Farm

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*Hydraecia micacea*

Rosy Rustic

N

**Insect - moth**

A widespread noctuid moth, but one that is in marked decline in the British Isles. Larvae feed in the larger roots of a variety of plants such as docks. Very widely recorded in Sussex.

**Designations**

Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41), Sussex Biodiversity Action Plan, UK Biodiversity Action Plan priority species

Grid Reference	Recorder	Date	Locality
TQ178295	Laurie Jackson;Tim Thomas;Jacob Everitt	17/09/2015	Chesworth Farm, HDC: Chesworth Farm

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*Apamea remissa*

Dusky Brocade

N

**Insect - moth**

A generally distributed moth of open woodland, marshes, downland, commons and other grassy places that is in marked decline. Larvae live on grasses. Widely recorded in Sussex.

**Designations**

Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41), Sussex Biodiversity Action Plan, UK Biodiversity Action Plan priority species

Grid Reference	Recorder	Date	Locality
TQ176295	Sam Bayley	29/06/2006	Chesworth Farm, Horsham, HDC: Chesworth Farm
TQ178295	Malcolm Stevens;Tim Thomas;Sam Bayley;Jon Pickett	29/06/2006	Chesworth Farm, HDC: Chesworth Farm

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*Cirrhia icteritia*

Sallow

N

**Insect - moth**

An attractive yellow and brown autumn-flying noctuid. The larvae feed first on sallow catkins then on low-growing plants. Widespread in Sussex.

**Designations**

Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41), Sussex Biodiversity Action Plan, UK Biodiversity Action Plan priority species

Grid Reference	Recorder	Date	Locality
TQ156262	Sam Bayley	16/10/2006	Southwater Country Park, Southwater, HDC: Southwater Country Park
TQ159258	Unknown	23/10/2008	Southwater Country Park, HDC: Southwater Country Park
TQ178295	Jacob Everitt	16/09/2015	Chesworth Farm, HDC: Chesworth Farm



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*Agrochola lychnidis*

## Beaded Chestnut

N

**Insect - moth**

A brown noctuid moth flying in September and October. Larvae feed on low plants and later on the leaves of trees and shrubs. Widespread in Sussex.

**Designations**

Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41), Sussex Biodiversity Action Plan, UK Biodiversity Action Plan priority species

Grid Reference	Recorder	Date	Locality
TQ176295	Sam Bayley	03/10/2006	Chesworth Farm, Horsham, HDC: Chesworth Farm

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*Atethmia centrigo*

## Centre-barred Sallow

N

**Insect - moth**

An orange and brown noctuid moth of woodlands and hedgerows on the wing in late summer and early autumn. Larvae feed on ash. Widespread in Sussex.

**Designations**

Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41), Sussex Biodiversity Action Plan, UK Biodiversity Action Plan priority species

Grid Reference	Recorder	Date	Locality
TQ156262	Sam Bayley	15/09/2006	Southwater Country Park, Southwater, HDC: Southwater Country Park
TQ159258	Anon @ CSU Horsham DC	15/09/2006	Southwater Country Park, HDC: Southwater Country Park
TQ176295	Sam Bayley	29/08/2006	Chesworth Farm, Horsham, HDC: Chesworth Farm
TQ178295	Laurie Jackson;Tim Thomas;Jacob Everitt	17/09/2015	Chesworth Farm, HDC: Chesworth Farm

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*Brachylomia viminalis*

## Minor Shoulder-knot

N

**Insect - moth**

A greyish, rather variable noctuid moth of damp woodlands flying in July and August, heath and fen. The larvae feed on willows. Widespread in Sussex.

**Designations**

Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41), Sussex Biodiversity Action Plan, UK Biodiversity Action Plan priority species

Grid Reference	Recorder	Date	Locality
TQ14002850	David Bridges;Sam Bayley	05/07/2003	Shelley's Wood, Christ's Hospital, Shelley's Wood, Christ's Hospital.

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*Aporophyla lutulenta*

## Deep-brown Dart

N

**Insect - moth**

A brown, autumn-flying noctuid moth. Larvae feed on grasses and various shrubs including heather. Widespread but uncommon in Sussex.

**Designations**

Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41), Sussex Biodiversity Action Plan, UK Biodiversity Action Plan priority species

Grid Reference	Recorder	Date	Locality
TQ176295	Sam Bayley	28/09/2006	Chesworth Farm, Horsham, HDC: Chesworth Farm
TQ178295	Jacob Everitt	16/09/2015	Chesworth Farm, HDC: Chesworth Farm

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*Orthosia gracilis*

## Powdered Quaker

N

**Insect - moth**

An early-flying noctuid moth attracted to sallow blossom and other flowers in April and May. Larvae usually on sallow in southern Britain. Widespread in Sussex.

**Designations**

Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41), Sussex Biodiversity Action Plan, UK Biodiversity Action Plan priority species

Grid Reference	Recorder	Date	Locality
TQ14002850	David Bridges;Sam Bayley	12/04/2003	Shelley's Wood, Christ's Hospital, Shelley's Wood, Christ's Hospital.
TQ172293	Deborah Clark	11/04/2008	Horsham Denne Park

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*Tholera decimalis*

## Feathered Gothic

N

**Insect - moth**

A brown noctuid moth or rough grasslands in late summer and autumn with white feathering on the forewings. Larvae on grass. Widespread in Sussex.

**Designations**

Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41), Sussex Biodiversity Action Plan, UK Biodiversity Action Plan priority species

Grid Reference	Recorder	Date	Locality
TQ156256	Marcus Oldfield	03/09/1955	Southwater, S of Horsham, W Sussex, West Sussex (VC13)
TQ156262	Sam Bayley	01/09/2006	Southwater Country Park, Southwater, HDC: Southwater Country Park
TQ159258	Anon @ CSU Horsham DC	01/09/2006	Southwater Country Park, HDC: Southwater Country Park
TQ176295	Sam Bayley	29/08/2006	Chesworth Farm, Horsham, HDC: Chesworth Farm

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*Melanchnra persicariae*

## Dot Moth

N

**Insect - moth**

A dark noctuid moth with a distinctive white wing spot. Larvae feed on a wide variety of low-growing plants and trees. Widely recorded in Sussex.

**Designations**

Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41), Sussex Biodiversity Action Plan, UK Biodiversity Action Plan priority species

Grid Reference	Recorder	Date	Locality
TQ176295	Sam Bayley	29/06/2006	Chesworth Farm, Horsham, HDC: Chesworth Farm
TQ178295	Malcolm Stevens;Tim Thomas;Sam Bayley;Jon Pickett	29/06/2006	Chesworth Farm, HDC: Chesworth Farm

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*Leucania comma*

## Shoulder-striped Wainscot

N

**Insect - moth**

One of the more strongly patterned wainscot moths flying in midsummer. The larvae are found on various grasses.

**Designations**

Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41), Sussex Biodiversity Action Plan, UK Biodiversity Action Plan priority species

Grid Reference	Recorder	Date	Locality
TQ176295	Sam Bayley	29/06/2006	Chesworth Farm, Horsham, HDC: Chesworth Farm
TQ178295	Malcolm Stevens;Tim Thomas;Sam Bayley;Jon Pickett	29/06/2006	Chesworth Farm, HDC: Chesworth Farm

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*Diarsia rubi*

## Small Square-spot

N

**Insect - moth**

A brown noctuid moth which flies in early and again in late summer. Larvae eat a wide variety of low-growing plants. Widespread and often abundant in Sussex.

**Designations**

Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41), Sussex Biodiversity Action Plan, UK Biodiversity Action Plan priority species

Grid Reference	Recorder	Date	Locality
TQ159258	Anon @ CSU Horsham DC	19/08/2006	Southwater Country Park, HDC: Southwater Country Park
TQ172293	Deborah Clark	31/05/2006	Horsham Denne Park
TQ176295	Sam Bayley	29/08/2006	Chesworth Farm, Horsham, HDC: Chesworth Farm
TQ178295	Laurie Jackson;Tim Thomas;Jacob Everitt	17/09/2015	Chesworth Farm, HDC: Chesworth Farm

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*Anguilla anguilla*

## European Eel

N

**Bony fish (Actinopterygii)**

Eels breed in the sea and migrate to freshwater to grow before returning to the sea to spawn. This unusual fish is in sharp decline, though the reasons are not fully understood. However, it is generally thought that habitat degradation is a major factor. It has been found across the British Isles and very widely in Sussex.

**Designations**

IUCN (2001) - Critically endangered, Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41), Sussex Biodiversity Action Plan, UK Biodiversity Action Plan priority species

Grid Reference	Recorder	Date	Locality
TQ1450829816	Recorder @ Environment Agency	31/07/2012	Arun, Horsham STW
TQ159258	Jacob Everitt	18/07/2010	Southwater Country Park, HDC: Southwater Country Park
TQ1750329422	Recorder @ Environment Agency	27/07/2005	Arun, Chesworth Farm

**Bony fish (Actinopterygii)**

This fish has three British forms: the Sea Trout, *Salmo trutta trutta*, and two forms of the Brown Trout, one that lives in rivers, *Salmo trutta fario* and one in lakes, *Salmo trutta lacustris*. Sea trout and brown trout occur widely in Sussex both as native and introduced fish. The riverine form of the brown trout is now highly threatened or extinct in many European countries as a result of habitat loss, barriers to migration, pollution and over-fishing.

**Designations**

Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41), Sussex Biodiversity Action Plan, UK Biodiversity Action Plan priority species

Grid Reference	Recorder	Date	Locality
TQ1750329422	Recorder @ Environment Agency	14/08/2006	Arun, Chesworth Farm

**Amphibian**

The largest British newt. It is black or dark brown and the males have a crest along the back and an orange underside spotted with black. Frequently confused with male smooth newts, which also have a crest. The great crested newt prefers larger, open ponds that are free of fish and waterfowl and has declined substantially in Britain and across Europe, mainly due to habitat loss. The species is fully legally protected and Britain has special responsibility for its conservation as some of the best European populations occur here. Scattered across East and Central Sussex but scarce in the west.

**Designations**

Bern Convention Appendix 2, European Protected Species, Habitats Directive Annex 2 - non-priority species, Habitats Directive Annex 4, Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41), Sussex Biodiversity Action Plan, Sussex Protected Species Register, UK Biodiversity Action Plan priority species, Wildlife and Countryside Act 1981 (Schedule 5 Section 9.4b), Wildlife and Countryside Act 1981 (Schedule 5 Section 9.5a), Wildlife and Countryside Act 1981 (Schedule 5)

Grid Reference	Recorder	Date	Locality
TQ13322701	Recorder @ Southern Water	12/05/2006	Barns Green
TQ13372701	Recorder @ Southern Water	12/05/2006	Barns Green
TQ13392665	Recorder @ Southern Water	16/05/2006	Barns Green
TQ153267	Recorder @ Bioscan	31/03/2011	Land west of Southwater, West Sussex (VC13)
TQ158254	Anon @ EN - National Office	1989	Southwater Country Park, West Sussex (VC13)
TQ158257	Ben Rainbow	05/08/2009	Southwater County Park Complex
TQ15872897	Annabelle Phillips	26/05/2016	East of Two Mile Ash Road, Horsham
TQ159256	Anon @ EN - National Office	1988	Willow/Southwater Country Park (2 records at this NGR), West Sussex (VC13)
TQ159258	Unknown	10/06/2009	Southwater Quarry, HDC: Southwater Country Park
TQ1635428894	Recorder @ Corylus Ecology	April 2009 - May 2009	Hop Oast Stud Farm, Horsham
TQ1647328716	Recorder @ Corylus Ecology	April 2009 - May 2009	Hop Oast Stud Farm, Horsham
TQ1648528009	Recorder @ Corylus Ecology	April 2009 - May 2009	Hop Oast Stud Farm, Horsham
TQ1671128600	Recorder @ Corylus Ecology	April 2009 - May 2009	Hop Oast Stud Farm, Horsham
TQ1673328817	Recorder @ Corylus Ecology	April 2009 - May 2009	Hop Oast Stud Farm, Horsham
TQ1674628630	Recorder @ Corylus Ecology	April 2009 - May 2009	Hop Oast Stud Farm, Horsham
TQ1677628832	Recorder @ Corylus Ecology	April 2009 - May 2009	Hop Oast Stud Farm, Horsham
TQ1685328429	Recorder @ Corylus Ecology	April 2009 - May 2009	Hop Oast Stud Farm, Horsham
TQ1686828560	Recorder @ Corylus Ecology	April 2009 - May 2009	Hop Oast Stud Farm, Horsham
TQ1688128400	Recorder @ Corylus Ecology	April 2009 - May 2009	Hop Oast Stud Farm, Horsham
TQ1744026100	Recorder @ Southern Water	2002 - 2003	Nuthurst CP
TQ1749026100	Recorder @ Southern Water	2002 - 2003	Nuthurst CP
TQ1984127395	unknown recorder 4delivery	31/05/2012	Nr Monks Gate West Sussex
TQ19872740	Georgina Judd	30/05/2012	Monks Gate

**Amphibian**

Still a widespread species in Sussex but declining due to loss of habitat and other factors. Toads tend to have large populations centred on particular breeding sites and they may become locally extinct if these are damaged or destroyed. Common toads are legally protected against sale.

**Designations**

Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41), Sussex Biodiversity Action Plan, UK Biodiversity Action Plan priority species, Wildlife and Countryside Act 1981 (Schedule 5 Section 9.5a)

Grid Reference	Recorder	Date	Locality
TQ130270	Anon @ Bioscan (UK) Ltd	September 2012	Land at Barns Green, Barns Green
TQ159256	SARG Sussex Amphibian & Reptile Grp	01/01/1987	Willow Pond, West Sussex (VC13)
TQ159258	Jacob Everitt	25/03/2011	Southwater Country Park, HDC: Southwater Country Park
TQ162255	SARG 2002 Leaflet	2002	West Sussex, West Sussex (VC13)
TQ1635428894	Recorder @ Corylus Ecology	April 2009 - May 2009	Hop Oast Stud Farm, Horsham
TQ1639428580	Recorder @ Corylus Ecology	April 2009 - May 2009	Hop Oast Stud Farm, Horsham
TQ1671128600	Recorder @ Corylus Ecology	April 2009 - May 2009	Hop Oast Stud Farm, Horsham
TQ1673328817	Recorder @ Corylus Ecology	April 2009 - May 2009	Hop Oast Stud Farm, Horsham
TQ1674628630	Recorder @ Corylus Ecology	April 2009 - May 2009	Hop Oast Stud Farm, Horsham
TQ1677628832	Recorder @ Corylus Ecology	April 2009 - May 2009	Hop Oast Stud Farm, Horsham
TQ1685328429	Recorder @ Corylus Ecology	April 2009 - May 2009	Hop Oast Stud Farm, Horsham
TQ1686828560	Recorder @ Corylus Ecology	April 2009 - May 2009	Hop Oast Stud Farm, Horsham
TQ1688128400	Recorder @ Corylus Ecology	April 2009 - May 2009	Hop Oast Stud Farm, Horsham
TQ177293	Dave Green; Penny Green	21/03/2010	HDC: Chesworth Farm
TQ178295	Stuart Card	13/09/2015	Chesworth Farm, HDC: Chesworth Farm
TQ17882926	Tim Thomas	28/08/2014	Chesworth Farm
TQ187299	SARG 2002 Leaflet	2002	West Sussex, West Sussex (VC13)

**Reptile**

The most abundant British lizard and widespread in Sussex in the Weald and along the coast. Probably under-recorded and increasingly confined to small areas of open sunny habitat. A legally protected species due to concern about its overall decline.

**Designations**

Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41), Sussex Biodiversity Action Plan, Sussex Protected Species Register, UK Biodiversity Action Plan priority species, Wildlife and Countryside Act 1981 (Schedule 5 Section 9.5a)

Grid Reference	Recorder	Date	Locality
TQ15052989	Gary Noble	April 2007 - May 2007	Area adjacent to Horsham WTW, Horsham
TQ151268	Recorder @ Bioscan	03/06/2011	Land west of Southwater, West Sussex (VC13)
TQ158257	Ben Rainbow	05/08/2009	Southwater County Park Complex
TQ159258	Ryan Allison	16/08/2014	Southwater Quarry, HDC: Southwater Country Park
TQ161259	SARG Sussex Amphibian & Reptile Grp	17/08/1988	Southwater Country Park, West Sussex (VC13)
TQ161280	Recorder @ ASW Ecology	24/06/2010	Martindale Farm and Adjacent Field, Southwater CP
TQ1612927885	Jason	25/06/2013	Southwater
TQ164282	Recorder @ Corylus Ecology	07/05/2009 - 24/06/2009	Hop Oast Stud Farm, Horsham
TQ165266	Recorder @ WildCall	01/09/2012	Southwater allotments, West Sussex (VC13)
TQ176294	Kevin Lerwill	05/07/2012	Chesworth Farm
TQ177295	Recorder @ Ecology Solutions	14/05/2007 - 05/09/2007	Chesworth Farm, Horsham
TQ178295	Stephen Delahunt	23/05/2009	Chesworth Farm, HDC: Chesworth Farm

**Reptile**

A legally protected legless lizard resembling a small snake. Slow-worms are widespread in southern England and found in open habitats such as rough grassland, heath and on road and railway embankments. They are often common in urban and suburban areas. Like most reptiles and amphibians they have declined considerably and need protection wherever they occur.

**Designations**

Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41), Sussex Biodiversity Action Plan, Sussex Protected Species Register, UK Biodiversity Action Plan priority species, Wildlife and Countryside Act 1981 (Schedule 5 Section 9.5a)

Grid Reference	Recorder	Date	Locality
TQ130270	Anon @ Bioscan (UK) Ltd	September 2012	Land at Barns Green, Barns Green
TQ15052989	Gary Noble	April 2007 - May 2007	Area adjacent to Horsham WTW, Horsham
TQ152259	Recorder @ Bioscan	03/06/2011	Land west of Southwater, West Sussex (VC13)
TQ155256	SARG Sussex Amphibian & Reptile Grp;Dennis Dey	01/01/1992	13 Beechwood, Southwater, West Sussex (VC13)
TQ156251	Recorder @ Corylus Ecology	20/08/2009	Rascals Close, Southwater CP
TQ158257	Ben Rainbow	05/08/2009	Southwater County Park Complex
TQ159258	Judith Alford	27/04/2015	Southwater Quarry, HDC: Southwater Country Park
TQ161259	SARG Sussex Amphibian & Reptile Grp	17/08/1988	Southwater Country Park, West Sussex (VC13)
TQ162255	SARG 2002 Leaflet	2002	West Sussex, West Sussex (VC13)
TQ162299	SARG Sussex Amphibian & Reptile Grp;Dennis Dey	01/01/1990	50 Longfield Road, Horsham, West Sussex (VC13)
TQ16522605	Anon @ BDS Sussex Group;Phil Belden;Penny Green	14/06/2009	Southwater Quarry, backpath on northern side, Southwater Quarry
TQ17662948	Tim Thomas	04/05/2016	Chesworth Farm
TQ177295	Richard Comont	16/08/2016	Chesworth Farm, Horsham
TQ178295	Tom Forward	09/07/2015	Chesworth Farm, HDC: Chesworth Farm
TQ184298	SARG Sussex Amphibian & Reptile Grp	01/10/1988	53 Brighton Road, Horsham, West Sussex (VC13)
TQ192299	SARG Sussex Amphibian & Reptile Grp;Dennis Dey	01/01/1991	60 Grebe Crescent, Horsham, West Sussex (VC13)



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*Natrix natrix*

## Grass Snake

N

**Reptile**

A widespread, but legally protected, snake with a normally olive body flecked with black and a distinctive yellow collar. Frequent in Sussex near places where its food, largely frogs, is readily available. Like most reptiles and amphibians, grass snakes have declined considerably and need protection wherever they occur.

**Designations**

Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41), Sussex Biodiversity Action Plan, Sussex Protected Species Register, UK Biodiversity Action Plan priority species

Grid Reference	Recorder	Date	Locality
TQ13372701	Recorder @ Southern Water	12/05/2006	Barns Green
TQ151268	Recorder @ Bioscan	02/06/2011	Land west of Southwater, West Sussex (VC13)
TQ152259	Recorder @ Bioscan	03/06/2011	Land west of Southwater, West Sussex (VC13)
TQ157262	SARG Sussex Amphibian & Reptile Grp;Dennis Dey	23/06/1992	Andrews Lane, Southwater, West Sussex (VC13)
TQ158257	Ben Rainbow	05/08/2009	Southwater County Park Complex
TQ158258	Recorder @ Warnham NR	21/05/2002	Southwater CP
TQ159258	Jacob Everitt	22/03/2011	Southwater Country Park, HDC: Southwater Country Park
TQ162255	SARG 2002 Leaflet	2002	West Sussex, West Sussex (VC13)
TQ163258	Colin Booty	09/05/2014	Southwater Country Park
TQ164282	Recorder @ Corylus Ecology	07/05/2009 - 24/06/2009	Hop Oast Stud Farm, Horsham
TQ16542603	Anon @ BDS Sussex Group;Phil Belden;Penny Green	14/06/2009	Southwater Quarry, North Bank of Pond, Southwater Quarry
TQ176294	Kevin Lerwill	05/07/2012	Chesworth Farm
TQ177295	Richard Comont	16/08/2016	Chesworth Farm, Horsham
TQ178295	Jonathan Brokenbrow;Jacob Everitt	19/09/2015	Chesworth Farm, HDC: Chesworth Farm
TQ17882926	Tim Thomas	28/08/2014	Chesworth Farm
TQ179292	Tim Thomas	25/03/2014	Chesworth Farm
TQ183297	SARG 2002 Leaflet	01/08/2003	West Sussex, West Sussex (VC13)
TQ184296	Stuart Keay	14/07/2015	Oaklands Close, Horsham
TQ187299	SARG 2002 Leaflet	2002	West Sussex, West Sussex (VC13)
TQ190271	SARG Sussex Amphibian & Reptile Grp;Dennis Dey	01/07/1992	Fiches Cottage, Nuthurst, West Sussex (VC13)
TQ190290	Barry Kemp	18/07/2006	7 Padwick Road, Horsham, Horsham

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*Vipera berus*

## Adder

N

**Reptile**

Britain's only venomous snake, though incidences of snakebite involving man or domestic animals are relatively uncommon. Adders have a distinctive zig zag pattern of black or brown and white. They occur in open areas on downs, heaths and in heathy woods. Grass snakes and slow-worms are often misidentified as adders. Though widespread in Britain and found in suitable areas across Sussex, the adder, like all our native reptiles has declined substantially through habitat loss and other factors. The adder is a protected species and it is illegal intentionally to kill or injure them.

**Designations**

Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41), Sussex Biodiversity Action Plan, Sussex Protected Species Register, UK Biodiversity Action Plan priority species, Wildlife and Countryside Act 1981 (Schedule 5 Section 9.5a)

Grid Reference	Recorder	Date	Locality
TQ158257	Ben Rainbow	05/08/2009	Southwater County Park Complex
TQ178295	Unknown	21/06/2007	Chesworth Farm, HDC: Chesworth Farm

**Terrestrial mammal**

The hedgehog is one of our most familiar and endearing small mammals and it is still widespread in Sussex and Britain. However, hedgehog numbers have been adversely affected by changes in agriculture with less permanent pasture and fewer hedgerows. Climate change may also affect the availability of earthworms, one of their main foods, during hot, dry summers. There is some survey evidence that hedgehogs are most common where badgers are rarer and badgers do, of course, prey on them.

**Designations**

Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41), Sussex Biodiversity Action Plan, UK Biodiversity Action Plan priority species

Grid Reference	Recorder	Date	Locality
TQ130270	Anon @ Bioscan (UK) Ltd	September 2012	Land at Barns Green, Barns Green
TQ1428	People's Trust for E Species	2005	Unspecified Location Within Southwater CP
TQ1525	People's Trust for E Species	2006	Unspecified Location Within Shipley CP
TQ1526	People's Trust for E Species	2006	Unspecified Location Within Southwater CP
TQ1527	People's Trust for E Species	2005	Unspecified Location Within Southwater CP
TQ158262	Colin Booty	2000	Station Road, Southwater, West Sussex (VC13)
TQ158263	Adam Grogan	06/08/2014	Southwater
TQ159258	Stuart Card	30/08/2014	Southwater Country Park, HDC: Southwater Country Park
TQ159286	Laurie Jackson	07/06/2016	Horsham
TQ160279	Linda Baker	17/05/2014	Southwater
TQ161253	Graham Champion	06/06/2003	VC13 West Sussex, West Sussex (VC13)
TQ161283	Adam Grogan	29/07/2014	Southwater
TQ1617928961	Adam Grogan	12/05/2015	Denne Park
TQ162268	People's Trust for E Species	2015	Unspecified Location Within Southwater CP
TQ162278	People's Trust for E Species	2015	Unspecified Location Within Southwater CP
TQ162293	Adam Grogan	11/07/2016	Tower Hill, Horsham
TQ162297	People's Trust for E Species	January 2016 - May 2016	Unspecified Location Within Southwater CP
TQ1625	People's Trust for E Species	2005	Unspecified Location Within Southwater CP
TQ1625429997	anon @ iRecord	29/07/2011	Tower Hill
TQ1626	People's Trust for E Species	2005	Unspecified Location Within Southwater CP
TQ1629	People's Trust for E Species	2006	Unspecified Location Within Southwater CP
TQ163264	People's Trust for E Species	2015	Unspecified Location Within Southwater CP
TQ163266	People's Trust for E Species	2014	Unspecified Location Within Southwater CP
TQ163296	Adam Grogan	29/04/2013	Horsham
TQ163299	Adam Grogan	29/07/2011	Tower Hill
TQ164269	People's Trust for E Species	2015	Unspecified Location Within Southwater CP
TQ184296	People's Trust for E Species	2013	Unspecified Location Within Horsham CP
TQ1929	Andrew Tittensor	16/04/1967	Near Manning's Heath, West Sussex (VC13)

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*Mustela putorius*

## Polecat

N

**Terrestrial mammal**

Once widespread, then found only in Wales and since persecution, mainly by gamekeepers, ceased has spread back into many of its former British habitats. Takes a wide range of animal prey. Increasingly recorded from West Sussex since the turn of the century and likely to spread further.

**Designations**

Habitats Directive Annex 5, Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41), Sussex Biodiversity Action Plan, UK Biodiversity Action Plan priority species

Grid Reference	Recorder	Date	Locality
TQ161290	Adam Grogan	11/02/2016	Denne park

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*Arvicola amphibius*

## European Water Vole

N

**Terrestrial mammal**

The fastest declining native British mammal, the water vole was 'Ratty' in Wind in the Willows. Water voles prefer slow flowing streams, rivers and dykes with steep earth banks and luxuriant emergent vegetation. They have been in decline for over a century mainly due to loss of habitat while the presence of American mink has greatly hastened this decline. In many areas of mainland Britain water voles are already extinct but there are still some strong populations in Sussex. A legally protected species, listed on the Sussex Rare Species Inventory and the subject of a Sussex Species Action Programme.

**Designations**

Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41), Sussex Biodiversity Action Plan, Sussex Protected Species Register, Sussex Rare Species Inventory, UK Biodiversity Action Plan priority species, Wildlife and Countryside Act 1981 (Schedule 5 Section 9.4, subdivision a), Wildlife and Countryside Act 1981 (Schedule 5 Section 9.4b), Wildlife and Countryside Act 1981 (Schedule 5)

Grid Reference	Recorder	Date	Locality
TQ1428	Unknown	1966	Christ's Hospital, Horsham, West Sussex (VC13)
TQ152282	Ken Ashby	1983	VC13 West Sussex, West Sussex (VC13)
TQ177293	Chris Strachan (Vinc Trust)	January 1997	Pedlars Way, Horsham, West Sussex (VC13)
TQ196293	Bob Jennings	04/10/2001	Pavilion WoodHorsham

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*Micromys minutus*

## Harvest Mouse

N

**Terrestrial mammal**

A tiny orange-brown mouse with a long, prehensile tail once familiar in cornfields but now mainly confined to field edges, grassy hedges and scrub. The mice make breeding nests of woven grass up to one metre above the ground. Widespread changes in agricultural practice have removed large areas of suitable habitat in which harvest mice appeared to be abundant and numbers are thought to have declined substantially. It has been widely recorded in Sussex, often in places near the coast.

**Designations**

Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41), Sussex Biodiversity Action Plan, UK Biodiversity Action Plan priority species

Grid Reference	Recorder	Date	Locality
TQ1427	N T Fryer	1969	VC13 West Sussex, West Sussex (VC13)
TQ1528	N T Fryer	1965	VC13 West Sussex, West Sussex (VC13)
TQ159258	Unknown	28/10/2004	Southwater Country Park, HDC: Southwater Country Park
TQ176294	recorder @ iRecordMammals	12/09/2015	Chesworth Farm
TQ178295	Stephen Delahunt	25/06/2013	Chesworth Farm, HDC: Chesworth Farm

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*Muscardinus avellanarius*

## Hazel Dormouse

N

**Terrestrial mammal**

A nocturnal species of woodland and overgrown hedgerows. Dormice spend much of their time climbing among branches in search of fruit, nuts, insects and other food. They sleep in nests during the day in hollow trees, unoccupied bird or bat boxes and similar places and hibernate in winter. Dormice occur mainly in southern England in this country and are widespread in suitable habitats in Sussex.

**Designations**

European Protected Species, Habitats Directive Annex 4, Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41), Sussex Biodiversity Action Plan, Sussex Protected Species Register, UK Biodiversity Action Plan priority species, Wildlife and Countryside Act 1981 (Schedule 5 Section 9.4b), Wildlife and Countryside Act 1981 (Schedule 5 Section 9.5a), Wildlife and Countryside Act 1981 (Schedule 5)

Grid Reference	Recorder	Date	Locality
TQ1428	N T Fryer	1964	VC13 West Sussex, West Sussex (VC13)
TQ155256	Julie Alexander	07/03/2015	Garden in Beechwood, Southwater
TQ155257	Judith Court	20/06/2000	5,Beechwood,Southwater, West Sussex (VC13)
TQ165283	Helen Lucking	02/03/2010	Horsham Golf and Fitness, near Southwater, West Sussex (VC13)
TQ16592630	Geoff Hunt	29/03/2016	Garden of 31 Eversfield, Southwater
TQ175281	Neil Mitchell	30/05/2002	Hard's Wood, Newfoundout, West Sussex (VC13)
TQ176281	The Great Nut Hunt	2001	Hard's Wood, Southwater, West Sussex (VC13)

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*Lepus europaeus*

## Brown Hare

N

**Terrestrial mammal**

Widely distributed throughout England and Wales and probably an ancient introduction. Hares occur on a wide range of mainly open farmland and nationally the species is thought to be undergoing a steady decline. Much less common in Sussex than it used to be, but widely recorded.

**Designations**

Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41), Sussex Biodiversity Action Plan, UK Biodiversity Action Plan priority species

Grid Reference	Recorder	Date	Locality
TQ1428	Unknown	1966	Christ's Hospital, Horsham, West Sussex (VC13)

# SUSSEX RARE SPECIES INVENTORY

**The Rare Species Inventory does not include bat, bird or otter records.**  
Bat and bird records are included in separate inventories, while otter records are not included in SxBRC reports.

The Sussex Rare Species Inventory (RSI) contains over 3,400 species. These species are selected according to strict criteria of rarity associated with their occurrence in Sussex.

The criteria for selection of species are listed below:

- All species in the British Red Data Books including all Notable fauna and Nationally Scarce flora and British endemic taxa which have ever occurred in Sussex whether extinct or not.
- Species included in the UK Biodiversity Action Plan (BAP species).
- Internationally rare taxa cited in the Bern Convention, IUCN Red Data lists, or EU Habitats Directive which are not covered by any of the above.

The RSI has been designed to be comprehensive for species but representative for records. This is managed in several ways:

- RSI records are labelled so that only one record per species per grid reference gets flagged up. This will usually be the most up to date record.
- SxBRC does not hold marine information other than coastal species and cetaceans.
- The following species are relatively common in Sussex but are in the RSI because they are Notable or Nationally Scarce. Only *one* record of these species is labelled per 2km tetrad:

Round-headed Rampion	<i>Phyteuma orbiculare</i>
Frogbit	<i>Hydrocharis morus-ranae</i>
Adonis Blue	<i>Lysandra bellargus</i>
Long-winged Conehead	<i>Conocephalus discolor</i> (syn. <i>C. fuscus</i> )
Variable Damselfly	<i>Coenagrion pulchellum</i>
Downy Emerald	<i>Cordulea aenea</i>

For records of rare vascular plants, bryophytes and lichens the Record Centre recommends the Sussex Rare Plant Register, compiled by the Sussex Botanical Recording Society. This gives information on the distribution and status of over 400 Sussex Rare Plants, putting data from RSI reports into a Sussex-wide context. Please see [our website](#) for more information.

## IUCN Categories of Rarity

The following is a summary of the IUCN categories of rarity. For further information visit the [IUCN website](#).

### Extinct (EX)

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

### Extinct in the Wild (EW)

A taxon is Extinct in the Wild when it is known only to survive in cultivation, in captivity or as a naturalized population (or populations) well outside the past range.

### Critically Endangered (CR)

A taxon is Critically Endangered when it is considered to be facing an extremely high risk of extinction in the wild.

### Endangered (EN)

A taxon is Endangered when it is considered to be facing a very high risk of extinction in the wild.

**Vulnerable (VU)**

A taxon is Vulnerable when it is considered to be facing a high risk of extinction in the wild.

**Near Threatened (NT)**

A taxon is Near Threatened when it is close to qualifying for or is likely to qualify for a threatened category in the near future.

**Least Concern (LC)**

A taxon is Least Concern when it has been evaluated against the criteria and does not qualify for Critically Endangered, Endangered, Vulnerable or Near Threatened.

**Data Deficient (DD)**

A taxon is Data Deficient when there is inadequate information to make a direct, or indirect, assessment of its risk of extinction based on its distribution and/or population status.

**Not Evaluated (NE)**

A taxon is Not Evaluated when it has not yet been evaluated against the criteria.

**Regionally Scarce (NR)**

Occurs in 5 or fewer 10km squares in a particular region of Britain. Locally determined.

## SUSSEX RARE SPECIES INVENTORY REPORT

Please note that bat, bird and otter records are not included in this report

Land at Southwater Parish

11 November 2016      SxBRC/16/548      Search Area:  
Prepared for Jennifer Nagy (Southwater Parish Council)

### *Cladonia humilis*

#### Lichen

A fairy-cup lichen of dry sandy ground and recently disturbed soils. A widespread, often coastal species recorded in our area from Rye Harbour and Wakehurst Place in East Sussex and several sites in West Sussex. 1950-2002

#### Designations

Habitats Directive Annex 5; Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ178295	Vivien Hodge	September 2009	HDC: Chesworth Farm

### *Hymenoscyphus caudatus*

#### Fungus

#### Designations

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ178295	Vivien Hodge	28/09/2010	HDC: Chesworth Farm

### *Otidea bufonia*

### Toad's Ear

#### Fungus

#### Designations

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ159258	Vivien Hodge	24/09/2011	HDC: Southwater Country Park

### *Leucoagaricus leucothites*

### White Dapperling

#### Fungus

#### Designations

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ159258	Vivien Hodge	November 2009	HDC: Southwater Country Park

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*Clavaria acuta*

## Pointed Club

## Fungus

## Designations

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ159258	Vivien Hodge	24/09/2011	HDC: Southwater Country Park

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*Hygrocybe insipida*

## Spangle Waxcap

## Fungus

## Designations

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ178295	Vivien Hodge	30/11/2009	HDC: Chesworth Farm

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*Inocybe hystrix*

## Scaly Fibrecap

## Fungus

## Designations

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ159258	Vivien Hodge	November 2009	HDC: Southwater Country Park

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*Asterophora lycoperdoides*

## Pick-A-Back Toadstool

## Fungus

## Designations

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ159258	Vivien Hodge	18/09/2010	HDC: Southwater Country Park

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*Volvariella bombycina*

## Silky Rosegill

## Fungus

## Designations

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ173288	Vivien Hodge	30/08/2009	Horsham

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*Naucoria scolecina*

## Fungus

## Designations

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ159258	Vivien Hodge	25/05/2011	HDC: Southwater Country Park



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*Pholiota adiposa*

**Fungus**

**Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ159258	John Hedger	30/10/2005	HDC: Southwater Country Park

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*Macrotyphula fistulosa var. fistulosa*

Pipe Club

**Fungus**

**Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ159258	Vivien Hodge	November 2009	HDC: Southwater Country Park
TQ173292	Clare Peters	17/10/2014	Chesworth Farm, Horsham.

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*Exidia thuretiana*

White Brain

**Fungus**

**Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ159258	Vivien Hodge	27/01/2010	HDC: Southwater Country Park

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*Boletus impolitus*

Iodine Bolete

**Fungus**

**Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ159258	Vivien Hodge	17/08/2010	HDC: Southwater Country Park

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*Boletus porosporus*

Sepia Bolete

**Fungus**

**Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ159258	Vivien Hodge	21/09/2010	HDC: Southwater Country Park
TQ178295	Vivien Hodge	05/09/2010	HDC: Chesworth Farm

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*Boletus pulverulentus*

## Inkstain Bolete

## Fungus

## Designations

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ159258	Vivien Hodge	30/08/2010	HDC: Southwater Country Park

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*Boletus queletii*

## Deceiving Bolete

## Fungus

## Designations

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ178295	Vivien Hodge	04/08/2009	HDC: Chesworth Farm

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*Boletus radicans*

## Rooting Bolete

## Fungus

## Designations

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ17832944	Clare Peters	31/08/2015	West Sussex (VC13)

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*Leccinum holopus*

## Ghost Bolete

## Fungus

## Designations

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ159258	Vivien Hodge	November 2009	HDC: Southwater Country Park

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*Gyroporus castaneus*

## Chestnut Bolete

## Fungus

## Designations

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ17462919	Clare Peters	08/09/2015	West Sussex (VC13)

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*Hygrophoropsis aurantiaca*

## False Chanterelle

## Fungus

## Designations

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ17322936	Clare Peters	31/08/2015	West Sussex (VC13)

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*Mensularia radiata*

## Alder Bracket

**Fungus****Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ178295	Vivien Hodge	2008	HDC: Chesworth Farm

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*Ganoderma resinaceum***Fungus****Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ17612776	Clare Peters	27/08/2015	West Sussex (VC13)
TQ178295	Vivien Hodge	17/08/2010	HDC: Chesworth Farm

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*Polyporus durus*

## Bay Polypore

**Fungus****Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ15902639	Clare Peters	01/09/2015	West Sussex (VC13)

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*Trametes hirsuta*

## Hairy Bracket

**Fungus****Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ159258	Vivien Hodge	07/04/2011	HDC: Southwater Country Park

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*Lactarius pubescens*

## Bearded Milkcap

**Fungus****Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ15772632	Clare Peters	18/09/2015	West Sussex (VC13)
TQ159258	Vivien Hodge	11/10/2010	HDC: Southwater Country Park

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*Russula cessans*

## Tardy Brittlegill

**Fungus****Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ178295	Vivien Hodge	28/09/2010	HDC: Chesworth Farm

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*Tremella foliacea*

## Leafy Brain

**Fungus****Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ17712935	Clare Peters	02/11/2014	Chesworth Farm, Horsham.

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*Fissidens limbatus*

## Herzog's Pocket-moss

**Moss**

A moss of basic to slightly acidic sites, in woods and on shady banks. Formerly recorded from Tilgate Forest (1886) and Bexhill (1896). Now regarded as extinct in Sussex though mentioned from the county by Smith (2004).

**Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ179269	Tom Ottley	17/10/2013	West Sussex (VC13)

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*Orthotrichum tenellum*

## Slender Bristle-moss

**Moss**

A moss that forms small dark green tufts on the bark of trees and shrubs in open situations. A rare and declining species in lowland Britain, though possibly overlooked in some places. Frequent in north Wales. Recorded from three sites in West Sussex and one in East Sussex since 1950.

**Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ179266	Tom Ottley	17/10/2013	West Sussex (VC13)

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*Mnium stellare*

## Starry Thyme-moss

**Moss**

A moss of damp shaded rocks and soil. Frequent in the west and north but very rare in lowland England. Very local and rare in our area from shaded chalk banks on the Duncton/Bignor escarpment in West Sussex and from the Houghton Green area in East Sussex.

**Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ177267	Tom Ottley	17/10/2013	West Sussex (VC13)

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*Sisyrinchium bermudiana*

## Blue-eyed-grass

**Flowering plant****Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ159258	Jacob Everitt	01/07/2012	HDC: Southwater Country Park

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*Allium oleraceum*

## Field Garlic

**Flowering plant**

A bulbous perennial of dry, usually steeply sloping, calcareous grasslands, and on open sunny banks in river floodplains. Long extinct in Sussex.

**Designations**

IUCN (2001) - Vulnerable; Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ16572554	WSCC Low Weald Count Rangers	09/05/2006	Southwater CP

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*Baldellia ranunculoides*

## Lesser Water-plantain

**Flowering plant**

A rare plant of streamsidings, muddy edges and marshy areas. Recently (2003) refound at one site in East Sussex and now very rare in West Sussex.

**Designations**

IUCN (2001) - Lower risk - near threatened; Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ178293	Frances Southgate	12/07/2015	Chesworth Farm, Horsham

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*Leersia oryzoides*

## Cut-grass

**Flowering plant**

A very rare perennial grass of nutrient-rich mud around the cattle-trampled margins of lakes and ponds, in ditches, on canal banks and riversides. Its British stronghold is now in West Sussex, where it is principally restricted to the Arun valley, though still widespread and plentiful on Amberley Wild Brooks.

**Designations**

IUCN (2001) - Endangered; Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41); Sussex Biodiversity Action Plan; Sussex Protected Species Register; Sussex Rare Species Inventory; UK Biodiversity Action Plan priority species; Wildlife and Countryside Act 1981 (Schedule 8)

Grid Reference	Recorder	Date	Locality
TQ178295	Jacob Everitt	13/08/2014	HDC: Chesworth Farm
TQ17912922	Frances Southgate	12/07/2015	Chesworth Farm, Horsham

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*Meconopsis cambrica*

## Welsh Poppy

**Flowering plant****Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ12P	Frances Abraham	11/07/2010	West Sussex (VC13)
TQ16802762	M. Shaw	25/05/2011	West Sussex (VC13)

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*Buxus sempervirens*

## Box

**Flowering plant**

Mostly planted, but possibly native on some sites in the West Sussex South Downs.

**Designations**

IUCN (2001) - Data Deficient; Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ14512885	C. M. Holt; Sylvia Simkin	25/08/2009	West Sussex (VC13)
TQ1695027157	M. Shaw	27/04/2010	West Sussex (VC13)

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*Galeopsis angustifolia*

## Red Hemp-nettle

**Flowering plant**

A steadily decreasing annual of arable land, waste places and open ground. Now very rare in Sussex with only two post-1986 records from Rye Harbour in East Sussex and Pagham in West Sussex.

**Designations**

IUCN (2001) - Critically endangered; Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41); Sussex Biodiversity Action Plan; Sussex Rare Species Inventory; UK Biodiversity Action Plan priority species

Grid Reference	Recorder	Date	Locality
TQ180270	Ann Griffiths	14/05/1985	Sedgewick Park SNCI - North field

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*Mentha aquatica x spicata = M. x piperita*

## Peppermint

**Flowering plant****Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ178295	Lesley Wyness	10/09/2009	HDC: Chesworth Farm

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*Lathraea squamaria*

## Toothwort

**Flowering plant**

A plant parasitic on the roots of a range of trees, especially hazel, ash and wych elm. Its habitats include deciduous woodland, hedgerows, and river and stream banks. Rare in Sussex except in a few places, such as the woods near Horsham.

**Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ143296	Victoria Hume;Penny Green	22/04/2008	Baystone Wood
TQ148293	Alan Knapp	19/04/2003	West Sussex (VC13)
TQ14832933	Alan Knapp	19/04/2003	West Sussex (VC13)
TQ151293	Pauline Chandler	06/06/2003	Sparrow Copse, Horsham
TQ158257	Ben Rainbow	05/08/2009	Southwater County Park Complex
TQ159258	Jacob Everitt	02/05/2015	HDC: Southwater Country Park
TQ16212602	Anon @ Sussex Bot. Rec. Soc.	02/04/2005	HDC: Southwater Country Park
TQ163258	Victoria Hume	02/06/2008	Southwater Park Ghyll
TQ165253	Anon @ Sussex Bot. Rec. Soc.;Alan Knapp	12/04/1997	West Sussex (VC13)
TQ16592542	Anon @ Sussex Bot. Rec. Soc.	02/04/2005	West Sussex (VC13)
TQ166253	Anon @ Sussex Bot. Rec. Soc.;David Curry	1997	West Sussex (VC13)
TQ166254	Arthur Hoare	20/04/2003	Copsale
TQ16632535	Ernest Sears	01/01/2008 - 31/12/2008	West Sussex (VC13)
TQ167252	Howard Matcham;Rod Stern	30/03/2009	Nutham Wood, Southwater

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*Agrostemma githago*

## Corncockle

**Flowering plant**

Formerly a frequent arable weed, but last seen established in a cornfield in 1938 at Waterhall, Brighton. Recent records have been casuals; from garden bird seed, re-seeding projects with wild flower seed mixes, soil from turkey farms or similar.

**Designations**

Farm Environment Plan Guidance 007- Table 3; Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ12P	Anon @ Sussex Bot. Rec. Soc.	1988	West Sussex (VC13)

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*Populus nigra subsp. betulifolia*

## Black Poplar

**Flowering plant****Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ178295	Jacob Everitt	25/05/2012	HDC: Chesworth Farm

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*Salix viminalis x caprea = S. x smithiana*

## Broad-leaved Osier

**Flowering plant****Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ155265	Anon @ Sussex Bot. Rec. Soc.	1997	West Sussex (VC13)

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*Torilis arvensis*

## Spreading Hedge-parsley

**Flowering plant**

A long-established and declining weed almost exclusively found on arable land in autumn-sown cereals. There are recent records from only four localities in West Sussex and a single record from East Sussex.

**Designations**

IUCN (2001) - Endangered; Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41); Sussex Biodiversity Action Plan; Sussex Rare Species Inventory; UK Biodiversity Action Plan priority species

Grid Reference	Recorder	Date	Locality
TQ163258	Ben Rainbow	03/08/2009	Southwater County Park Complex

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*Hirudo medicinalis*

## medicinal leech

**Annelid**

A leech of fresh and brackish ponds, pools and dykes. There are now probably no more than 20 isolated populations remaining in the UK. Recorded from many sites in the far east of East Sussex from Winchelsea to the Kent border.

**Designations**

EC CITES Annex B; Habitats Directive Annex 5; IUCN (1994) - Lower risk - near threatened; Sussex Protected Species Register; Sussex Rare Species Inventory; Wildlife and Countryside Act 1981 Schedule 5 Sections (9.2; 9.4; subdivision a; 9.4b; 9.5a; Schedule 5)

Grid Reference	Recorder	Date	Locality
TQ159258	Unknown	07/05/2004	HDC: Southwater Country Park

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*Argiope bruennichi*

## Wasp Spider

**Spider (Araneae)****Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ158257	Ben Rainbow	05/08/2009	Southwater Country Park
TQ159258	Jacob Everitt	23/07/2009	HDC: Southwater Country Park
TQ16542603	Anon @ BDS Sussex Group; Phil Belden; Penny Green	14/06/2009	Southwater Quarry
TQ178295	Jonathan Brokenbrow; Jacob Everitt	19/09/2015	HDC: Chesworth Farm

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*Marpissa muscosa***Spider (Araneae)****Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ159258	Unknown	07/10/2008	HDC: Southwater Country Park
TQ178295	Unknown	05/10/2007	HDC: Chesworth Farm



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## *Cordulia aenea*

## Downy Emerald

### Insect - dragonfly (Odonata)

A dragonfly of nutrient-poor tree-lined or woodland ponds, lakes, canals, slow-flowing rivers and streams. Thinly but widely scattered across our area. Elsewhere it is a scarce species and southern and south eastern England are its main strongholds in the British Isles.

### Designations

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ156260	Sam Bayley	01/06/2006 - 31/07/2006	HDC: Southwater Country Park
TQ158257	Ben Rainbow	05/08/2009	Southwater County Park Complex
TQ159258	Jacob Everitt	11/06/2015	HDC: Southwater Country Park
TQ174294	K D Wilson	08/06/1982	West Sussex (VC13)
TQ178295	Tim Thomas	12/07/2014	HDC: Chesworth Farm
TQ179292	Tim Thomas	12/07/2014	Chesworth Farm

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## *Somatochlora metallica*

## Brilliant Emerald

### Insect - dragonfly (Odonata)

A dragonfly of large, mildly acidic pools often in pine woods. Locally common in the High Weald in the north of our area and in the Arun and Adur catchments. The insect has a remarkably disjunct distribution in the British Isles with its main concentration in The Weald and adjacent areas and elsewhere only in the Scottish Highlands.

### Designations

IUCN (2001) - Vulnerable; Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ178293	Tim Thomas	21/07/2014	Chesworth Farm
TQ178295	Jacob Everitt	14/07/2014	HDC: Chesworth Farm

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## *Libellula fulva*

## Scarce Chaser

### Insect - dragonfly (Odonata)

A rare dragonfly of well-vegetated slow-moving rivers and, less frequently gravel pits and ponds. The West Sussex stronghold for this species is in the river Arun catchment and recent surveys have discovered established populations in East Sussex along the Rivers Ouse and Cuckmere. Elsewhere in the British Isles restricted to a few rivers and nearby lakes in southern and western England and East Anglia.

### Designations

IUCN (2001) - Lower risk - near threatened; Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ158257	Ben Rainbow	05/08/2009	Southwater County Park Complex
TQ159257	Sam Bayley	06/06/2006	HDC: Southwater Country Park
TQ159258	Tom Simpson	16/07/2013	HDC: Southwater Country Park

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## *Conocephalus fuscus*

## Long-winged Cone-head

### Insect - orthopteran

### Designations

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ159258	P J Hodge	28/06/2007	HDC: Southwater Country Park
TQ1628325839	Su Reed	12/08/2014	Southwater CP Horsham West Sussex

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*Metrioptera roeselii*

## Roesel's Bush-cricket

Insect - orthopteran

**Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ13462698	Ben Rainbow	04/06/2011	West Sussex (VC13)
TQ159258	Jacob Everitt	09/07/2014	HDC: Southwater Country Park
TQ162258	N. Guerin	17/07/2014	West Sussex (VC13)
TQ177295	Richard Comont	16/08/2016	Chesworth Farm, Horsham
TQ178295	Jonathan Brokenbrow;Jacob Everitt	19/09/2015	HDC: Chesworth Farm
TQ179291	Frances Southgate	12/07/2015	Chesworth farm, Horsham

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*Corizus hyoscyami*

Insect - true bug (Hemiptera)

**Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ1632425912	Recorder @ WildCall	18/05/2012	West Sussex (VC13)

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*Zacladus exiguus*

## Bloody Cranesbill Weevil

Insect - beetle (Coleoptera)

**Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ159258	P J Hodge	28/06/2007	HDC: Southwater Country Park
TQ163257	Peter Hodge	28/06/2007	HDC: Southwater Country Park

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*Leptacinus intermedius*

Insect - beetle (Coleoptera)

**Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ178295	Roger Booth	27/09/2007	HDC: Chesworth Farm

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*Lucanus cervus*

## Stag Beetle

**Insect - beetle (Coleoptera)**

A beetle of broadleaved woodland, parks, other pasture woodland and gardens. The larvae live in the decaying wood of deciduous trees, often in roots and stumps. Widely recorded from West Sussex but rare in East Sussex and apparently absent from much of the vice-county.

**Designations**

Habitats Directive Annex 2 - non-priority species; Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41); Sussex Biodiversity Action Plan; Sussex Rare Species Inventory; UK Biodiversity Action Plan priority species; Wildlife and Countryside Act 1981 Schedule 5 Sections (9.5a)

Grid Reference	Recorder	Date	Locality
TQ132265	PTES volunteer	05/06/2015	Unspecified location in the parish of Itchingfield
TQ156253	PTES volunteer	30/05/2015	Unspecified location in the parish of Southwater
TQ15902545	Ros Mothe	27/06/2010	Southwater CP
TQ159258	Connie Tremlett	04/06/2012	HDC: Southwater Country Park
TQ160261	PTES volunteer	19/06/2015	Unspecified location in the parish of Southwater
TQ161256	PTES volunteer	17/06/2015	Unspecified location in the parish of Southwater
TQ182298	PTES volunteer	07/06/2015	Unspecified location in the parish of Horsham

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*Agrilus (Anambus) laticornis***Insect - beetle (Coleoptera)****Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ159258	P J Hodge	28/06/2007	HDC: Southwater Country Park
TQ163257	Peter Hodge	28/06/2007	HDC: Southwater Country Park

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*Pyrochroa coccinea*

## Black-headed Cardinal Beetle

**Insect - beetle (Coleoptera)****Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ159258	Unknown	25/05/2009	HDC: Southwater Country Park

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*Leptura quadrifasciata***Insect - beetle (Coleoptera)****Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ1412625889	Su Reed	15/07/2014	Marlpost woods Horsham West Sussex

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*Pilemostoma fastuosa*

Insect - beetle (Coleoptera)

**Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ159258	Judith Alford;Jo Glossop;Jacob Everitt	03/06/2015	HDC: Southwater Country Park

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*Phalonidia manniana*

Water-mint Conch

Insect - moth

**Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ156262	Sam Bayley	12/05/2006	HDC: Southwater Country Park
TQ159258	Unknown	12/05/2006	HDC: Southwater Country Park

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*Bembecia ichneumoniformis*

Six-belted Clearwing

Insect - moth

This nationally scarce (b) species of open grasslands flies during the day and looks like a thin wasp. It is fairly widespread in southern Britain. In Sussex it occurs on the Downs where chalk grassland remains and off the Downs in some places where chalk has been imported to woods or grasslands. Caterpillars feed on the roots of Kidney Vetch and Birds-foot Trefoil.

**Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ159258	Jacob Everitt	23/06/2009	HDC: Southwater Country Park

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*Apatura iris*

## Purple Emperor

**Insect - butterfly**

Much rarer today than in the past, this swallow-feeding woodland butterfly has shown some signs of recovery in recent years. Currently widespread nationally, but rare in West Sussex.

**Designations**

IUCN (2001) - Lower risk - near threatened; Sussex Rare Species Inventory; Wildlife and Countryside Act 1981 Schedule 5 Sections (9.5a)

Grid Reference	Recorder	Date	Locality
TQ1326	Neil Hulme	16/07/2009	West Sussex (VC13)
TQ138260	Dan Hoare	28/06/2008	Southwater Woods, Crookham Lane footpath
TQ139261	Neil Hulme	17/07/2006	Dogbarking - Crookhorn - Madgeland
TQ139262	Alice Parfitt	05/07/2009	Southwater Woods
TQ139263	D. Dancy;M. Dancy	29/06/2005	Dogbarking, Southwater
TQ139264	Mike Snelling	27/06/2006	HDC: Southwater Country Park
TQ140254	Neil Hulme	17/07/2006	Dogbarking - Crookhorn - Madgeland
TQ140258	Peter Farrant	28/06/2009	West Sussex (VC13)
TQ140260	Dan Hoare	28/06/2008	Southwater Woods, Dogbarking master tree
TQ140262	Jim Steedman	01/07/2009	West Sussex (VC13)
TQ141255	Lee Hurrell	26/06/2011	West Sussex (VC13)
TQ141258	Peter Farrant	10/07/2008	Southwater Woods
TQ141259	Andrew Culshaw	24/06/2014	Southwater Woods
TQ141262	Neil Hulme	17/07/2006	Dogbarking - Crookhorn - Madgeland
TQ14162554	Matthew Farmer	20/07/2014	Southwater Wood
TQ142258	Andrew Culshaw	26/07/2013	Marlpot Wood, west of Southwater
TQ1425	Neil Hulme	15/07/2013	Marlpot Wood
TQ143258	D. Dancy;M. Dancy	09/07/2003	Marlpot
TQ144256	Tom Ottley	12/07/2009	West Sussex (VC13)
TQ144258	D. Dancy;M. Dancy	15/07/2006	Marlpot, Southwater
TQ145255	Nigel Kemp	29/06/2009	West Sussex (VC13)
TQ159258	Tom Simon	20/07/2013	HDC: Southwater Country Park
TQ1627	John Knott	23/07/2010	West Sussex (VC13)
TQ1728	Lorna Lindfield	25/07/2013	TQ1728 Southwater Street, Bourne Hill House (1km sq)

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*Thecla betulae*

## Brown Hairstreak

**Insect - butterfly**

A butterfly requiring sloe scrub in which to breed. Widely, but very thinly, distributed in West Sussex, but gone from the east and generally in decline nationally.

**Designations**

IUCN (2001) - Vulnerable; Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41); Sussex Biodiversity Action Plan; Sussex Rare Species Inventory; UK Biodiversity Action Plan priority species; Wildlife and Countryside Act 1981 Schedule 5 Sections (9.5a)

Grid Reference	Recorder	Date	Locality
TQ1426	Richard Roebuck;Michael Blencowe	05/12/2010	West Sussex (VC13)
TQ1428	Richard Roebuck;Michael Blencowe	05/12/2010	West Sussex (VC13)
TQ144282	Peter Gay;Joyce Gay	03/11/2000	Christ's Hospital
TQ147272	Joyce Gay	07/12/1997	Box Castle, Downs Link
TQ149269	Joyce Gay	30/12/2006	Downs Link, Southwater
TQ152267	Joyce Gay	30/01/2007	Downs Link west of Southwater
TQ154264	Joyce Gay	30/12/2006	Downs Link, Southwater
TQ156273	Joyce Gay	23/11/2004	Two Mile Ash, nr Bax Castle, Southwater
TQ158257	Ben Rainbow	05/08/2009	Southwater County Park Complex
TQ159258	Sue Cocker	02/10/2015	HDC: Southwater Country Park
TQ160268	Peter Gay;Joyce Gay	04/12/1998	Pond Farm Ghyll, Southwater LNR
TQ161259	J.P. Gay	01/12/1996	HDC: Southwater Country Park
TQ161268	Peter Gay;Joyce Gay	04/12/1998	Pond Farm Ghyll, Southwater LNR
TQ162251	Peter Gay;Joyce Gay	01/12/2001	A24 Southwater
TQ162262	James Havers	2003	HDC: Southwater Country Park
TQ163252	Peter Gay;Joyce Gay	01/12/2001	A24 Southwater
TQ163254	Peter Gay;Joyce Gay	01/12/2001	A24 Southwater
TQ163276	Joyce Gay	30/12/2004	Southwater Street, bridge over A24
TQ163279	Peter Gay;Joyce Gay	04/12/1998	Hop Oast Roundabout, A24 Southwater
TQ163288	Joyce Gay	01/12/2002	Nr Park & Ride Horsham
TQ164287	Peter Gay;Joyce Gay	07/12/1998	Nr Denne Park, Horsham
TQ165271	Joyce Gay	30/12/2004	Nr Southwater
TQ168271	Joyce Gay	30/12/2004	Nr Southwater
TQ168276	Joyce Gay	30/12/2004	In playing fields nr Southwater
TQ1727	Richard Roebuck;Michael Blencowe	05/12/2010	West Sussex (VC13)
TQ1729	Richard Roebuck;Michael Blencowe	05/12/2010	West Sussex (VC13)
TQ178295	Tim Thomas	03/08/2010	HDC: Chesworth Farm
TQ179273	Joyce Gay	01/12/2002	Nr Copsale
TQ180273	Joyce Gay	01/12/2002	Nr Copsale

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*Evergestis pallidata*

## Chequered Pearl

**Insect - moth****Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ172293	Deborah Clark	01/08/2008	Horsham Denne Park

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*Eudonia pallida*

## Marsh Grey

Insect - moth

**Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ178295	Laurie Jackson;Tim Thomas;Jacob Everitt	17/09/2015	HDC: Chesworth Farm

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*Calamotropha paludella*

## Bulrush Veneer

Insect - moth

**Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ159258	Unknown	02/08/2007	HDC: Southwater Country Park
TQ176295	Sam Bayley	19/07/2006	HDC: Chesworth Farm
TQ178295	Anon @ CSU Horsham DC	19/07/2006	HDC: Chesworth Farm

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*Crambus pratella*

## Scarce Grass-veneer

Insect - moth

**Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ14002850	David Bridges;Sam Bayley	05/07/2003	Shelley's Wood, Christ's Hospital.

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*Cyclophora annularia*

## Mocha

Insect - moth

This pretty nationally scarce (b) species occurs in woodlands in parts of southern England. In Sussex it widespread in West Sussex, but in East Sussex only occurs regularly in the Brede Valley and the Hastings area. Caterpillars feed on Field Maple.

**Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ14002850	David Bridges;Sam Bayley	28/05/2005	Shelley's Wood, Christ's Hospital.
TQ156262	Sam Bayley	21/08/2006	HDC: Southwater Country Park
TQ158257	Ben Rainbow	05/08/2009	Southwater Country Park Complex
TQ159258	Jacob Everitt	22/05/2010	HDC: Southwater Country Park
TQ172293	Deborah Clark	06/08/2008	Horsham Denne Park

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*Thera cupressata*

## Cypress Carpet

**Insect - moth**

A nationally scarce species that only colonised UK in 1984. It occurs on the south coast from Cornwall to Kent in urban areas. In Sussex it has a colony around Arundel, but may be spreading eastwards. Caterpillars feed on Cypresses.

**Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ156262	Sam Bayley	12/11/2005	HDC: Southwater Country Park
TQ159258	Jacob Everitt	16/11/2012	HDC: Southwater Country Park
TQ172293	Deborah Clark	23/09/2008	Horsham Denne Park

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*Chloroclysta siterata*

## Red-Green Carpet

**Insect - moth**

This woodland species is common in the north and west of Britain and scarce, but increasing elsewhere. In Sussex it is now widespread in the Wealden and greensand woodlands. Caterpillars feed on the leaves of various trees.

**Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ159258	Anon @ CSU Horsham DC	27/10/2006	HDC: Southwater Country Park
TQ172293	Deborah Clark	26/11/2008	Horsham Denne Park
TQ176295	Sam Bayley	03/10/2006	HDC: Chesworth Farm

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*Hypomecis roboraria*

## Great Oak Beauty

**Insect - moth**

This nationally scarce (b) species occurs in ancient woodlands in central southern England. In Sussex it occurs in many of the mature woodlands, but is only regularly found in the mature woods around Petworth. Caterpillars feed on Oak.

**Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ172293	Deborah Clark	26/07/2008	Horsham Denne Park

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*Cleorodes lichenaria*

## Brussels Lace

**Insect - moth**

A nationally local species that may be greatly under recorded. It is found on calcareous grassland over much of the UK. In Sussex it is found on the Downs between Lewes and Eastbourne and a colony may still hang on near Arundel. Caterpillars feed on the ripening seeds of Burnet Saxifrage.

**Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ159258	Jacob Everitt	16/06/2014	HDC: Southwater Country Park

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*Eilema sororcula*

## Orange Footman

**Insect - moth**

A pretty nationally local species found in woods in southern UK. It has recently expanded its range. In Sussex it is now scattered over the county and can be quite common in woods. Caterpillars feed on lichens growing on trees.

**Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ14002850	David Bridges;Sam Bayley	28/05/2005	Shelley's Wood, Christ's Hospital.
TQ156262	Sam Bayley	14/06/2006	HDC: Southwater Country Park
TQ159258	Jacob Everitt	02/06/2013	HDC: Southwater Country Park
TQ172293	Deborah Clark	10/08/2008	Horsham Denne Park
TQ178295	Sam Bayley	08/07/2009	HDC: Chesworth Farm

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*Macrochilo cribrumalis*

## Dotted Fan-foot

**Insect - moth**

This nationally scarce (b) species occurs in wet, sedgy areas in East Anglia and parts of the south east of England. In Sussex it is found in all the river valleys and grazing marshes of East Sussex, but is only found at Amberley Wildbrooks in West Sussex. Caterpillars feed on Wood Sedge and Wood Rushes.

**Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ176295	Sam Bayley	29/06/2006	HDC: Chesworth Farm
TQ178295	Malcolm Stevens;Tim Thomas;Sam Bayley;Jon Pickett	29/06/2006	HDC: Chesworth Farm

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*Parascotia fuliginaria*

## Waved Black

**Insect - moth**

This nationally scarce (b) species occurs in damp woods in south central England and on the Welsh borders. In Sussex it is now found in low numbers all over the county, but is most frequent in the north west. Caterpillars feed on Bracket fungi on moist wood.

**Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ172293	Deborah Clark	26/07/2008	Horsham Denne Park

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*Conistra rubiginea*

## Dotted Chestnut

**Insect - moth**

This nationally scarce (b) species is found in most of southern England and south Wales in heathland, woodland and hedgerows. In Sussex it is fairly widespread west of Storrington, but has not been recorded in East Sussex. Caterpillars feed on Apple and probably other trees.

**Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ189295	Dave Green;Penny Green	16/05/2010	Horsham

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*Mniotype adusta*

## Dark Brocade

**Insect - moth**

This nationally common species is found mostly in upland areas of England, Wales and Scotland. In Sussex it has declined so that it is now only found at Rogate in West Sussex. Caterpillars feed on various shrubs.

**Designations**

Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41); Sussex Rare Species Inventory; UK Biodiversity Action Plan priority species

Grid Reference	Recorder	Date	Locality
TQ159258	Unknown	23/05/2007	HDC: Southwater Country Park

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*Orthosia miniosa*

## Blossom Underwing

**Insect - moth**

This species is local nationally and occurs in Oak woodlands and old Oaks in hedgerows. In Sussex it is widespread in West Sussex, but rare in East Sussex with recent records coming from a few scattered sites.

**Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ156262	Sam Bayley	14/05/2005	HDC: Southwater Country Park
TQ159258	Jacob Everitt	18/03/2012	HDC: Southwater Country Park

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*Meganola albula*

## Kent Black Arches

**Insect - moth**

This nationally scarce (b) species occurs in open habitats on and near the coast in the southern half of England. In Sussex it is fairly widespread within 5 or 6 miles of the coast. Caterpillars feed on Dewberry.

**Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ159258	Jacob Everitt	22/07/2009	HDC: Southwater Country Park
TQ172293	Deborah Clark	02/08/2008	Horsham Denne Park
TQ176295	Sam Bayley	19/07/2006	HDC: Chesworth Farm
TQ178295	Anon @ CSU Horsham DC	19/07/2006	HDC: Chesworth Farm

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*Cheilosia soror***Insect - true fly (Diptera)****Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ163258	N. Guerin	17/07/2014	West Sussex (VC13)

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*Volucella inanis***Insect - true fly (Diptera)****Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ1420026791	Su Reed	04/08/2014	Southwater Woods

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*Volucella zonaria*

Insect - true fly (Diptera)

**Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ159258	Jacob Everitt	20/07/2009	HDC: Southwater Country Park
TQ17512994	Tim Thomas	14/08/2014	Chesworth Farm

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*Gymnosoma rotundatum*

Insect - true fly (Diptera)

**Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ16282586	Su Reed	12/08/2014	Southwater CP
TQ1628925867	Su Reed	12/08/2014	Southwater CP

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*Lasioglossum (Evylaeus) pauxillum*

Lobe-spurred Furrow Bee

Insect - hymenopteran

**Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ181291	Recorder @ BWARS	03/07/1973	Horsham

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*Melitta tricincta*

Red Bartsia Blunthorn Bee

Insect - hymenopteran

**Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ178292	Richard Comont	16/08/2016	Chesworth Farm, Horsham

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*Dolichovespula (Dolichovespula)  
media*

Insect - hymenopteran

**Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ159258	Paul Marten	01/07/2009	HDC: Southwater Country Park
TQ181291	Recorder @ BWARS	01/07/2000	Horsham

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*Cottus gobio*

## Bullhead

**Bony fish (Actinopterygii)****Designations**

Habitats Directive Annex 2 - non-priority species; Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ1450829816	Recorder @ Environment Agency	31/07/2012	Arun, Horsham STW
TQ1746029657	Recorder @ Environment Agency	20/09/2012	Arun, Chesworth Farm, D/S Chesworth House
TQ1750329422	Recorder @ Environment Agency	14/08/2006	Arun, Chesworth Farm
TQ178295	Unknown	26/09/2012	HDC: Chesworth Farm

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*Arvicola amphibius*

## European Water Vole

**Terrestrial mammal**

The fastest declining native British mammal, the water vole was 'Ratty' in *Wind in the Willows*. Water voles prefer slow flowing streams, rivers and dykes with steep earth banks and luxuriant emergent vegetation. They have been in decline for over a century mainly due to loss of habitat while the presence of American mink has greatly hastened this decline. In many areas of mainland Britain water voles are already extinct but there are still some strong populations in Sussex. A legally protected species, listed on the Sussex Rare Species Inventory and the subject of a Sussex Species Action Programme.

**Designations**

Natural Env. and Rural Communities Act 2006. Species of Principal Importance in England (section 41); Sussex Biodiversity Action Plan; Sussex Protected Species Register; Sussex Rare Species Inventory; UK Biodiversity Action Plan priority species; Wildlife and Countryside Act 1981 Schedule 5 Sections (9.4; subdivision a; 9.4b; Schedule 5)

Grid Reference	Recorder	Date	Locality
TQ1428	Unknown	1966	West Sussex (VC13)
TQ152282	Ken Ashby	1983	West Sussex (VC13)
TQ177293	Chris Strachan (Vinc Trust)	January 1997	West Sussex (VC13)
TQ196293	Bob Jennings	04/10/2001	Pavilion Wood, Horsham

# SUSSEX INVASIVE ALIEN SPECIES REPORT

The Sussex Invasive Alien Species Report is produced in order to help minimise the threat posed by invasive alien species in Sussex. Records are labelled so that only one record per species per grid reference is included - this will usually be the most up to date record.

Most alien species pose no threat to native species, and indeed many naturalised non-natives represent important additions to our flora and fauna. An older record of an alien invasive species may denote that there was once a problem at this site, but it has subsequently been dealt with. However, the problem may still persist but no up to date information is available.

## **What is an Invasive Alien Species?**

The term alien is synonymous with the term non-native. An invasive alien is defined as an alien species whose introduction and/or spread threatens biological diversity. Invasive alien species are referred to by several names, which are often used interchangeably: non-natives, introduced, non-indigenous, exotic, foreign, noxious, aggressive, pest or harmful species.

## **What's the problem?**

With no natural predators and a benign climate, invasive alien species can out-compete our native plant and animal species. For example, some invasive alien plants species can change light levels, decrease dissolved oxygen in water, change soil chemistry and its structure, and increase surface run-off and soil erosion. On a more subtle level, invasive alien species can affect ecosystem processes such as nutrient cycling, pollination and regeneration of soils. Invasive fauna can compete with native species, displace them, consume them, act as parasites or transmit diseases, reduce growth and survival rates, cause the decline or extinction of local populations or even entire species.

## **What control is in place?**

Section 14 of The Wildlife and Countryside Act (1981) is the principal legislation dealing with the release of non-native species. This has been amended by the Natural Environment and Rural Communities (NERC) Act (2006) in England and Wales. Section 14 of the Act makes it illegal to allow any animal which is not ordinarily resident in Great Britain, or is listed on Schedule 9 of the Act, to escape into the wild, or to release it into the wild. It is also illegal to plant or otherwise cause to grow in the wild any plant listed on Schedule 9 of the Act.

## **What to do if there is an invasive alien species on your site**

If you have any of the species listed in this report on your site, firstly investigate the recommended control for the particular species. You can search by species name on the [GB non-native species secretariat website](#) for further advice.

**If there are invasive alien species at your site that are not in this report please contact us on [sxbrc@sussexwt.org.uk](mailto:sxbrc@sussexwt.org.uk) or 01273 497521 so that we can update our database.**

## SUSSEX INVASIVE ALIEN SPECIES REPORT

Please note that bird records are not included in this report.

Land at Southwater Parish

11 November 2016 SxBRC/16/548 Search Area:

Prepared for Jennifer Nagy (Southwater Parish Council)

### *Campylopus introflexus*

### Heath Star Moss

#### Moss

A now widespread moss introduced from the Southern Hemisphere. First British record was from Heath Common, Sullington in 1941. Tends to overwhelm native moss species and now very widespread in Sussex.

Grid Reference	Recorder	Date	Locality
TQ197292	Rod Stern	12/01/1989	Horsham: Sheephovel Wood, West Sussex (VC13)

### *Allium triquetrum*

### Three-cornered Garlic

#### Flowering plant

This perennial bulbous plant was introduced from the Mediterranean region and established in Britain by the mid 19th C. It spreads rapidly by ant-dispersed seed and is increasing its range here partly in response to milder climatic conditions. It can displace bluebells and other native flora in woodlands and along verges. Widespread and increasing in Sussex.

Grid Reference	Recorder	Date	Locality
TQ149262	Judith Court	01/03/2009 - 31/03/2009	Near Southwater

### *Hyacinthoides non-scripta* x *hispanica* = Hybrid bluebell

### *H. x massartiana*

#### Flowering plant

A hybrid between our native bluebell, *H. non-scripta* and Spanish Bluebell, *H. hispanica*. Widespread in Sussex.

Grid Reference	Recorder	Date	Locality
TQ151293	Pauline Chandler	06/06/2003	Sparrow Copse SNCI, Sparrow Copse, Horsham

### *Crassula helmsii*

### New Zealand Pigmyweed

#### Flowering plant

An Australasian aquatic plant introduced to Britain in the 1920s. It started to spread rapidly in the late 1970s and is now widespread around ponds, lakes and reservoirs, though possibly declining. It has a very damaging effect on indigenous flora and fauna by smothering waterside habitat and is almost impossible to eradicate from a site once it is established.

Grid Reference	Recorder	Date	Locality
TQ149283	Frances Southgate	01/10/2015	Christ's Hospital
TQ1492928303	Sarah McIntyre	19/10/2015	Christ's Hospital

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*Myriophyllum aquaticum*

## Parrot's-feather

**Flowering plant**

A South American water plant first recorded in the wild in 1960 and now widespread in standing waters in Sussex and elsewhere. Has a damaging effect on native flora and fauna which it out-competes.

Grid Reference	Recorder	Date	Locality
TQ149283	Frances Southgate	01/10/2015	Christ's Hospital
TQ1494328304	Sarah McIntyre	19/10/2015	Christ's Hospital

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*Parthenocissus quinquefolia*

## Virginia creeper

**Flowering plant**

A North American climbing plant widely naturalised as a garden escape. Frequently confused. Quite widely recorded in East and West Sussex. Listed on Schedule 9 of the Wildlife & Countryside Act 1981.

Grid Reference	Recorder	Date	Locality
TQ155262	Anon @ Sussex Bot. Rec. Soc.	16/08/2008	Southwater (W), West Sussex (VC13)

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*Prunus laurocerasus*

## Cherry Laurel

**Flowering plant**

From eastern Europe and western Asia a now widely planted and often self-sown shrub in many woods in Britain. In some cases it makes up the whole of the lower canopy, effectively shading out any ground flora and preventing the natural regeneration of trees and shrubs. Widespread and increasing in Sussex.

Grid Reference	Recorder	Date	Locality
TQ12N	Anon @ Sussex Bot. Rec. Soc.	02/04/2005	Southwater, HDC: Southwater Country Park
TQ12P	C. M. Holt; Sylvia Simkin	25/08/2009	Christ's Hospital, West Sussex (VC13)
TQ151258	Victoria Hume	16/04/2008	Rascals Shaw
TQ152288	Victoria Hume	05/06/2008	Stamner Ham Wood
TQ156262	Peter Follett	06/03/2004	Southwater, HDC: Southwater Country Park
TQ162261	Victoria Hume	18/04/2008	Cripplegate Lane Wood
TQ163265	Victoria Hume	07/05/2008	Bones Hill Ghyll
TQ164267	Victoria Hume	07/05/2008	Southwater Copse 3
TQ164282	Recorder @ Barton Willmore; Recorder @ Corylus Ecology	2009	Hop Oast Farm, Horsham
TQ178295	Jacob Everitt	25/05/2012	Chesworth Farm, HDC: Chesworth Farm
TQ196299	Recorder @ EPR	25/04/2008	Horsham Rugby Club and Heron Copse

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*Cotoneaster horizontalis*

## Wall Cotoneaster

**Flowering plant**

A small shrub from western China now widely naturalised in the British Isles and often highly invasive, especially on chalk slopes. Recorded from many places in East and West Sussex. Listed on schedule 9 of the Wildlife & Countryside Act 1981.

Grid Reference	Recorder	Date	Locality
TQ16322611	Anon @ Sussex Bot. Rec. Soc.	16/08/2008	Southwater (SE), West Sussex (VC13)

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*Cotoneaster simonsii*

## Himalayan cotoneaster

**Flowering plant**

A shrub up to 4m tall from the Himalayas widely naturalised in the British Isles. Well-established across East and West Sussex. Listed on schedule 9 of the Wildlife & Countryside Act 1981.

Grid Reference	Recorder	Date	Locality
TQ1649527260	M. Shaw	25/05/2011	East of Southwater, West Sussex (VC13)

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***Rosa rugosa*****Japanese Rose****Flowering plant**

A native of eastern Asia and now widespread as a garden escape in Britain, favouring waste ground and sandy areas. It can form extensive thickets and is increasing. Widely recorded in Sussex. Listed on Schedule 9 of the Wildlife & Countryside Act 1981.

Grid Reference	Recorder	Date	Locality
TQ16942784	M. Shaw	27/04/2010	East of Southwater, West Sussex (VC13)
TQ178295	Unknown	03/06/2007	Chesworth Farm, HDC: Chesworth Farm

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***Lamium galeobdolon subsp. argentatum*** Yellow Archangel**Flowering plant**

Often listed just as *Lamiastrum galeobdolon montanum*. However, the New Atlas of the British Flora and other sources point out that *L. g. montanum* is the widespread yellow archangel of the British countryside and that the nominate subspecies *L. g. ssp. galeobdolon* is a rare plant confined as a native to Lincolnshire and Kirkcudbrightshire. Some authorities position the variegated invasive alien yellow archangel as *L. g. ssp. montanum*, others as *L. g. ssp. argentatum*. This latter form is thought to have been introduced in the late 1960s and is spreading rapidly. It is widespread in Sussex and listed on Schedule 9 of the Wildlife & Countryside Act 1981.

Grid Reference	Recorder	Date	Locality
TQ12N	Anon @ Sussex Bot. Rec. Soc.	02/04/2005	Southwater, HDC: Southwater Country Park
TQ12T	Anon @ Sussex Bot. Rec. Soc.	02/04/2005	Southwater, HDC: Southwater Country Park

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***Robinia pseudoacacia*****False-acacia****Flowering plant**

A North American tree introduced in the 17th century and later widely planted. It is now regarded as a global invader and often classified as a weed tree as it spreads readily by seed and suckers and grows quickly. With climate change it is establishing itself in the British countryside as native oak and beech come under increased environmental stress.

Grid Reference	Recorder	Date	Locality
TQ15772619	Anon @ Sussex Bot. Rec. Soc.	16/08/2008	Southwater (W), West Sussex (VC13)
TQ159262	Anon @ Sussex Bot. Rec. Soc.	1997	Southwater, West Sussex (VC13)

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***Impatiens glandulifera*****Indian Balsam****Flowering plant**

A tall annual alien introduced in 1839. Usually found in waterside situations where it becomes a dominant plant substantially reducing native species richness.

Grid Reference	Recorder	Date	Locality
TQ176293	Recorder @ iRecord PlantTracker	23/08/2014	Unspecified location within the parish of Horsham, West Sussex (VC13)
TQ178295	Jacob Everitt	13/08/2014	Chesworth Farm, HDC: Chesworth Farm



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## *Rhododendron ponticum*

### Flowering plant

A naturalised, purple-flowered shrub introduced in 1763. Most UK plants derive from Spanish stock. A highly invasive species that suppresses native vegetation and its associated flora and fauna.

Grid Reference	Recorder	Date	Locality
TQ141251	Victoria Hume	21/04/2008	Netherwood Copse
TQ141252	Victoria Hume	21/04/2008	Netherwood
TQ148266	Louisa Collis	01/06/2008	Oakwood House
TQ164282	Recorder @ Barton Willmore;Recorder @ Corylus Ecology	2009	Hop Oast Farm, Horsham
TQ180270	Ann Griffiths	14/05/1985	Sedgewick Park SNCI - North field

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## *Fallopia japonica*

## Japanese Knotweed

### Flowering plant

Listed on Schedule 9 Part II of the Wildlife & Countryside Act (1981). It is an offence to plant or otherwise cause to grow the species in the wild. Described as the most pernicious weed in Britain by Plantlife, Japanese knotweed was introduced in the UK in the mid-19th century as an ornamental plant. It is now a problem invasive perennial throughout Europe. It is an offence to plant, or otherwise cause to grow, the species in the wild. Landowners are liable to prosecution if they allow the plant to spread from their land.

Grid Reference	Recorder	Date	Locality
TQ12T	Frances Abraham	10/05/2010	Southwater, HDC: Southwater Country Park
TQ151289	Frances Southgate	01/10/2015	Christ's Hospital
TQ1518128965	Sarah McIntyre	19/10/2015	Christ's Hospital
TQ159258	Jacob Everitt	26/04/2015	Southwater Country Park, HDC: Southwater Country Park
TQ178295	Vivien Hodge	11/08/2010	Chesworth Farm, HDC: Chesworth Farm

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## *Petasites fragrans*

## Winter Heliotrope

### Flowering plant

A large-leaved, rampant perennial plant from the Far East spreading by means of underground stems by up to 1 metre per year. Very invasive, often forming large wayside colonies to the exclusion of all other species. Sweet scented mauve pink spikes of flower in winter.

Grid Reference	Recorder	Date	Locality
TQ12P	Frances Abraham	11/07/2010	Christ's Hospital area, West Sussex (VC13)
TQ159258	Janet Owen	01/01/2008 - 30/09/2008	Quarry, HDC: Southwater Country Park

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## *Heracleum mantegazzianum*

## Giant Hogweed

### Flowering plant

A very large, introduced umbelliferous plant from south west Asia with a capacity to cause dermatitis and painful blistering of the skin. First recorded in the wild in UK in 1828 and now widespread especially along river and stream banks. In addition to its irritant qualities its huge leaves suppress native flora and fauna. Widespread in Sussex.

Grid Reference	Recorder	Date	Locality
TQ16572554	WSCC Low Weald Count Rangers	09/05/2006	Southern Water Decommissioned Sewage Treatment Works, Southwater, Southwater CP
TQ195291	Recorder @ iRecord PlantTracker	23/05/2013	Unspecified location within the parish of Nuthurst, West Sussex (VC13)
TQ1956829183	anon @ iRecord	23/05/2013	Unspecified Location Within Nuthurst CP

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*Harmonia axyridis*

## Harlequin Ladybird

**Insect - beetle (Coleoptera)**

A native of the Far East this was first recorded in Britain in 2004 and in Sussex near Icklesham in May 2005; widespread in East and West Sussex by 2006. It is larger and more voracious than our native ladybirds and may compete with them and attack other invertebrates. Can also damage fruit and be a nuisance when hibernating in large aggregations in houses.

Grid Reference	Recorder	Date	Locality
TQ15522758	Diane Roberts	21/05/2016	Southwater, West Sussex
TQ157253	Richard Gibby	01/06/2014	Private Garden
TQ159258	Jacob Everitt	18/07/2015	Southwater Country Park, HDC: Southwater Country Park
TQ1610428046	Katie Murphy	03/10/2015	Unspecified site within the Parish of Southwater
TQ178295	Jacob Everitt	13/07/2012	Chesworth Farm, HDC: Chesworth Farm

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*Trachemys scripta subsp. elegans*

## Red-eared Terrapin

**Reptile**

A native of the southern United States that has been widely released into lakes, ponds and other water bodies in the UK. Probably not capable of breeding in Britain. It eats fish, small waterfowl amphibians and probably many invertebrates and has the potential to become a serious problem. These terrapins can give a nasty bite and any wounds should be treated as quickly as possible.

Grid Reference	Recorder	Date	Locality
TQ159258	Unknown	08/06/2008	Southwater Country Park, HDC: Southwater Country Park

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*Neovison vison*

## American Mink

**Terrestrial mammal**

A member of the weasel family introduced in the 1920s for the fur trade and now found in the wild in much of Britain. Mink take bird's eggs and chicks and have caused a serious decline in water voles. They also damage fisheries and poultry farms. Attempts to control them are usually ongoing.

Grid Reference	Recorder	Date	Locality
TQ159258	Jacob Everitt	08/04/2010	Southwater Country Park, HDC: Southwater Country Park
TQ175296	C Keeling	06/09/1998	Chesworth Farm, Horsham, West Sussex (VC13)
TQ193291	Careline	20/03/2002	Birchen Bridge, A281 Horsham, West Sussex (VC13)

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*Muntiacus reevesi*

## Chinese Muntjac

**Terrestrial mammal**

Listed on Schedule 9 of the Wildlife and Countryside Act 1981. A small Chinese species of deer that has considerable impact on coppice regrowth, and tree seedlings. Muntjac may also damage bluebells and wild orchids and they are thought to compete with native roe deer. It is on Schedule 9 of the Wildlife and Countryside Act 1981 which prevents release into areas from which they are currently absent. Widespread in Sussex.

Grid Reference	Recorder	Date	Locality
TQ151288	Adam Grogan	01/05/2007	Christ's Hospital, Southwater CP

## FULL SPECIES LIST (Excluding Birds)

### Land at Southwater Parish

11 November 2016 SxBRC/16/548 Search Area:

Prepared for Jennifer Nagy (Southwater Parish Council)

Latin Name	Common Name	Taxon Group	First Date	Last Date	No. of Rec's
<i>Narcissus 'Telamonius Plenus'</i>			29/03/2011	-	1
<i>Andricus aries form agamic</i>			02/04/2005	-	1
<i>Iris foetidissima var. citrina</i>			25/05/2011	-	1
<i>Ceratiomyxa fruticulosa var. fruticulosa</i>		slime mould	14/08/2010	-	1
<i>Lycogala terrestre</i>		slime mould	17/07/2010	14/08/2010	2
<i>Reticularia lycoperdon</i>	False Puffball	slime mould	14/04/2010	-	1
<i>Naucoria scolecina</i>		fungus	25/05/2011	-	1
<i>Pholiota adiposa</i>		fungus	30/10/2005	-	1
<i>Pholiota alnicola var. alnicola</i>	Alder Scalycap	fungus	30/11/2009	-	1
<i>Pholiota conissans</i>		fungus	25/05/2011	-	1
<i>Pholiota gummosa</i>	Sticky Scalycap	fungus	01/10/2010	-	1
<i>Psilocybe cyanescens</i>	Blueleg Brownie	fungus	08/11/2009	-	1
<i>Psilocybe semilanceata</i>	Magic Mushroom	fungus	31/12/2008	10/11/2009	3
<i>Stropharia aeruginosa</i>	Verdigris Agaric	fungus	30/11/2009	01/10/2010	2
<i>Naucoria salicis</i>	Willow Aldercap	fungus	30/11/2009	-	1
<i>Stropharia semiglobata</i>	Dung Roundhead	fungus	14/08/2010	-	1
<i>Hypholoma lateritium</i>	Brick Caps	fungus	02/11/2014	-	1
<i>Stropholoma aurantiacum</i>		fungus	06/11/2009	26/10/2015	5
<i>Arrhenia retiruga</i>	Small Moss Oysterling	fungus	01/10/2010	-	1
<i>Clitocybe fragrans</i>	Fragrant Funnel	fungus	30/11/2009	17/12/2015	2
<i>Clitocybe geotropa</i>	Trooping Funnel	fungus	30/11/2009	03/11/2014	3
<i>Stropharia caerulea</i>	Blue Roundhead	fungus	06/11/2009	07/11/2015	5
<i>Agrocybe praecox</i>	Spring Fieldcap	fungus	30/08/2010	-	1
<i>Psathyrella microrhiza</i>	Rootlet Brittlestem	fungus	04/08/2009	11/10/2010	3
<i>Psathyrella multipedata</i>	Clustered Brittlestem	fungus	30/10/2005	24/09/2011	3
<i>Psathyrella obtusata var. obtusata</i>		fungus	30/11/2009	-	1
<i>Psathyrella piluliformis</i>	Common Stump Brittlestem	fungus	30/11/2009	-	1
<i>Psathyrella pseudogracilis</i>		fungus	09/10/2009	30/11/2009	3

Latin Name	Common Name	Taxon Group	First Date	Last Date	No. of Rec's
<i>Naucoria escharioides</i>	Ochre Alder-cap	fungus	23/10/2009	01/10/2010	3
<i>Agrocybe pediades</i>	Common Fieldcap	fungus	31/07/2009	28/09/2010	3
<i>Naucoria luteolofibrillosa</i>		fungus	25/05/2011	-	1
<i>Agrocybe rivulosa</i>	Wrinkled Fieldcap	fungus	06/08/2009	24/09/2011	3
<i>Hypholoma fasciculare</i>	Sulphur Tuft	fungus	30/10/2005	11/10/2010	2
<i>Hypholoma fasciculare var. fasciculare</i>	Sulphur Tuft	fungus	14/04/2010	02/11/2014	2
<i>Delicatula integrella</i>		fungus	21/09/2010	22/08/2011	2
<i>Hypholoma subericaeum</i>		fungus	30/09/2009	23/10/2009	3
<i>Clitocybe gibba</i>	Common Funnel Cap	fungus	30/10/2005	01/11/2014	2
<i>Psathyrella spadiceogrisea</i>	Spring Brittlestem	fungus	11/04/2010	-	1
<i>Panaeolus papilionaceus var. papilionaceus</i>	Hoop-Petticoat Fungus	fungus	31/12/2008	28/09/2010	10
<i>Macrotyphula juncea</i>	Slender Club	fungus	14/10/2014	-	1
<i>Typhula crassipes</i>		fungus	10/11/2009	-	1
<i>Typhula setipes</i>		fungus	28/09/2010	-	1
<i>Panaeolina foenicicii</i>	Brown Hay Cap	fungus	08/11/2009	07/11/2015	7
<i>Panaeolus acuminatus</i>	Dewdrop Mottlegill	fungus	28/12/2015	-	1
<i>Clitocybe phaeophthalma</i>	Chicken Run Funnel	fungus	24/09/2011	-	1
<i>Panaeolus olivaceus</i>		fungus	17/08/2010	-	1
<i>Tricholomopsis rutilans</i>	Plums And Custard	fungus	14/11/2014	-	1
<i>Panaeolus papilionaceus var. parvisporus</i>		fungus	14/08/2009	-	1
<i>Plicatura crispa</i>	Crimped Gill	fungus	16/10/2014	-	1
<i>Auricularia auricula-judae</i>	Jew's Ear	fungus	28/04/2000	14/10/2014	6
<i>Exidia glandulosa</i>	Witches' Butter	fungus	07/09/2009	29/11/2014	4
<i>Exidia plana</i>	Warlock's Butter	fungus	11/08/2010	29/11/2014	2
<i>Exidia recisa</i>	Amber Jelly	fungus	14/08/2010	-	1
<i>Panaeolus fimicola</i>	Turf Mottlegill	fungus	31/03/2009	28/09/2010	3
<i>Melanoleuca polioleuca</i>	Common Cavalier	fungus	04/11/2009	30/11/2009	2
<i>Clitocybe odora</i>	Aniseed Funnel	fungus	09/11/2014	-	1
<i>Psathyrella corrugis</i>	Red Edge Brittlestem	fungus	04/08/2009	24/09/2011	10
<i>Clitocybe rivulosa</i>	Cracking Clitocybe	fungus	30/11/2009	06/12/2014	3
<i>Parasola misera</i>	Least Inkcap	fungus	09/10/2009	-	1
<i>Lepista flaccida</i>	Tawny Funnel Cap	fungus	01/11/2014	-	1
<i>Lepista nuda</i>	Wood Blewit	fungus	30/10/2005	29/11/2014	6
<i>Macrotyphula fistulosa var. fistulosa</i>	Pipe Club	fungus	30/11/2009	17/10/2014	2
<i>Leucopaxillus giganteus</i>	Giant Funnel	fungus	01/11/2014	-	1
<i>Macrotyphula fistulosa var. contorta</i>	Contorted Pipe Club	fungus	14/08/2010	-	1
<i>Pseudoclitocybe cyathiformis</i>	Goblet	fungus	30/11/2009	-	1
<i>Tricholoma cingulatum</i>	Girdled Knight	fungus	18/09/2010	15/09/2011	3
<i>Tricholoma fulvum</i>	Birch Knight	fungus	30/08/2010	24/09/2011	6
<i>Tricholoma lascivum</i>	Aromatic Knight	fungus	18/09/2010	11/10/2010	3
<i>Tricholoma scalpturatum</i>	Yellowing Knight	fungus	21/09/2010	15/09/2011	4
<i>Clitocybe nebularis</i>	Clouded Agaric	fungus	30/11/2009	07/11/2014	2
<i>Lepista saeva</i>	Field Blewit	fungus	18/11/2011	-	1
<i>Mycena haematopus</i>	Burgundydrop Bonnet	fungus	04/11/2009	01/10/2010	3

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<i>Psathyrella candolleana</i>	Pale Brittlestem	fungus	14/08/2009	11/10/2010	4
<i>Mycena epipterygia</i>	Yellowleg Bonnet	fungus	01/11/2014	-	1
<i>Mycena filopes</i>	Iodine Bonnet	fungus	30/10/2005	18/09/2010	2
<i>Mycena flavoalba</i>	Ivory Bonnet	fungus	05/11/2015	-	1
<i>Mycena galericulata</i>	Common Bonnet	fungus	09/10/2009	16/10/2014	6
<i>Mycena aetites</i>	Drab Bonnet	fungus	23/10/2009	30/11/2009	4
<i>Mycena galopus var. galopus</i>	Milking Bonnet	fungus	30/10/2005	31/12/2008	2
<i>Mycena acicula</i>	Orange Bonnet	fungus	30/11/2009	11/10/2010	7
<i>Mycena leptcephala</i>	Nitrous Bonnet	fungus	30/10/2005	30/11/2009	3
<i>Mycena luteoalba</i>		fungus	08/11/2009	30/11/2009	3
<i>Mycena olivaceomarginata</i>	Browndge Bonnet	fungus	31/12/2008	28/09/2010	7
<i>Mycena polygramma</i>	Grooved Bonnet	fungus	30/10/2005	-	1
<i>Mycena pura</i>	Lilac Bonnet	fungus	30/10/2005	31/10/2014	5
<i>Mycena rosea</i>	Rosy Bonnet	fungus	02/11/2014	-	1
<i>Mycena galopus var. candida</i>	White Milking Bonnet	fungus	14/10/2014	-	1
<i>Marasmius rotula</i>	Collared Parachute	fungus	30/10/2005	20/08/2015	7
<i>Calocybe gambosa</i>	St George's Mushroom	fungus	10/05/2015	-	1
<i>Rugosomyces carneus</i>	Pink Domecap	fungus	18/09/2010	28/09/2010	2
<i>Crinipellis scabella</i>	Hairy Parachute	fungus	08/11/2009	-	1
<i>Marasmius cohaerens</i>	Bristled Parachute	fungus	18/09/2010	11/10/2010	2
<i>Marasmius epiphyllodes</i>	Ivy Parachute	fungus	10/11/2009	-	1
<i>Mycena arcangeliana</i>	Angel's Bonnet	fungus	09/11/2014	-	1
<i>Marasmius oreades</i>	Fairy Ring Champignon	fungus	10/11/2009	28/09/2010	6
<i>Mycena tenerrima</i>	Frosty Bonnet	fungus	30/11/2009	15/09/2011	4
<i>Marasmius torquescens</i>		fungus	18/09/2010	24/09/2011	2
<i>Marasmius wynneae</i>	Pearly Parachute	fungus	18/09/2010	-	1
<i>Hemimycena hirsuta</i>		fungus	30/11/2009	-	1
<i>Hemimycena lactea</i>	Milky Bonnet	fungus	30/11/2009	-	2
<i>Hemimycena tortuosa</i>	Dewdrop Bonnet	fungus	21/09/2010	-	1
<i>Mycena abramsii</i>		fungus	10/11/2009	-	1
<i>Marasmius epiphyllus</i>	Leaf Parachute	fungus	30/11/2009	-	1
<i>Coprinopsis tuberosa</i>	Tuberous Inkcap	fungus	08/11/2009	-	1
<i>Coprinopsis atramentaria</i>	Common Inkcap	fungus	16/10/2014	-	1
<i>Coprinopsis cordispora</i>	Ticker Inkcap	fungus	09/10/2009	30/11/2009	2
<i>Coprinopsis cothurnata</i>		fungus	07/09/2009	01/10/2010	4
<i>Coprinopsis lagopus</i>	Hare'sfoot Inkcap	fungus	30/11/2009	21/09/2010	3
<i>Coprinopsis marcescibilis</i>		fungus	06/12/2014	-	1
<i>Mycena speirea</i>	Bark Bonnet	fungus	23/10/2009	15/09/2011	6
<i>Coprinopsis radiata</i>		fungus	09/10/2009	-	1
<i>Coprinellus disseminatus</i>	Fairies' Bonnets	fungus	30/11/2009	31/08/2015	7
<i>Lacrymaria lacrymabunda</i>	Weeping Widow	fungus	21/09/2010	07/11/2015	6
<i>Parasola auricoma</i>	Goldenhaired Inkcap	fungus	07/09/2009	-	1
<i>Parasola conopilus</i>	Conical Brittlestem	fungus	31/12/2008	-	1
<i>Boletus impolitus</i>	Iodine Bolete	fungus	17/08/2010	-	1

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<i>Parasola plicatilis</i>	Pleated Inkcap	fungus	04/08/2009	14/08/2010	4
<i>Exidia thuretiana</i>	White Brain	fungus	27/01/2010	-	1
<i>Coprinopsis nivea</i>	Snowy Inkcap	fungus	28/09/2010	-	1
<i>Pleurotus ostreatus</i>	Oyster Mushroom	fungus	18/01/2015	-	1
<i>Psathyrella cernua</i>		fungus	28/09/2010	-	1
<i>Mycena vitilis</i>	Snapping Bonnet	fungus	30/10/2005	19/08/2010	4
<i>Flagelloscypha minutissima</i>		fungus	18/09/2010	-	1
<i>Merismodes fasciculata</i>	Crowded Cuplet	fungus	14/03/2010	-	1
<i>Armillaria gallica</i>	Bulbous Honey Fungus	fungus	30/10/2005	21/09/2010	2
<i>Armillaria mellea</i>	Honey Fungus	fungus	30/11/2009	23/08/2015	3
<i>Coprinellus micaceus</i>	Glistening Ink-Cap	fungus	30/11/2009	17/08/2015	5
<i>Xerula radicata</i>	Rooting Shank	fungus	30/08/2010	18/09/2010	2
<i>Coprinellus heptemerus</i>		fungus	25/09/2009	09/10/2009	2
<i>Pleurotus pulmonarius</i>	Pale Oyster	fungus	15/11/2014	-	1
<i>Pluteus cervinus</i>	Deer Shield	fungus	30/10/2005	20/08/2015	4
<i>Pluteus romellii</i>	Goldleaf Shield	fungus	18/09/2010	21/09/2010	2
<i>Pluteus salicinus</i>	Willow Shield	fungus	08/11/2009	30/08/2010	3
<i>Volvariella bombycina</i>	Silky Rosegill	fungus	30/08/2009	-	1
<i>Mycena stylobates</i>	Bulbous Bonnet	fungus	11/08/2010	15/08/2014	3
<i>Cylindrobasidium laeve</i>	Tear Dropper	fungus	27/01/2010	29/11/2014	5
<i>Russula anthracina</i>	Coal Brittlegill	fungus	18/09/2010	-	1
<i>Boletus cisalpinus</i>	Bluefoot Bolete	fungus	01/11/2014	-	1
<i>Lactarius subdulcis</i>	Mild Milkcap	fungus	29/11/2014	-	1
<i>Lactarius tabidus</i>	Birch Milkcap	fungus	30/11/2009	-	1
<i>Lactarius torminosus</i>	Woolly Milk-Cap	fungus	11/10/2010	12/11/2014	3
<i>Russula acetolens</i>	Vinegar Brittlegill	fungus	14/08/2010	-	1
<i>Lactarius pyrogalus</i>	Fiery Milkcap	fungus	18/09/2010	15/09/2011	3
<i>Russula amoenolens</i>	Camembert Brittlegill	fungus	04/08/2009	30/08/2010	4
<i>Lactarius pubescens</i>	Bearded Milkcap	fungus	30/11/2009	18/09/2015	6
<i>Russula atropurpurea</i>	Blackish-Purple Russula	fungus	30/11/2009	-	1
<i>Russula aurora</i>	Dawn Brittlegill	fungus	04/08/2009	14/08/2009	2
<i>Russula betularum</i>	Birch Brittlegill	fungus	01/10/2010	15/09/2011	2
<i>Russula cessans</i>	Tardy Brittlegill	fungus	28/09/2010	-	1
<i>Russula cicatricata</i>		fungus	28/09/2010	01/10/2010	3
<i>Russula cyanoxantha</i>	Charcoal Burner	fungus	30/08/2010	10/08/2014	2
<i>Russula aeruginea</i>	Green Brittlegill	fungus	30/11/2009	-	1
<i>Peniophora rufomarginata</i>		fungus	20/03/2010	-	1
<i>Trametes versicolor</i>	Turkeytail	fungus	10/11/2009	07/11/2015	6
<i>Phlebiella sulphurea</i>	Yellow Cobweb	fungus	14/08/2010	-	1
<i>Peniophora cinerea</i>		fungus	14/08/2010	-	1
<i>Peniophora incarnata</i>	Rosy Crust	fungus	14/03/2010	-	1
<i>Peniophora limitata</i>		fungus	27/01/2010	-	1
<i>Lactarius quietus</i>	Oak Milkcap	fungus	18/09/2010	-	1
<i>Peniophora quercina</i>		fungus	07/09/2009	05/09/2010	3

Latin Name	Common Name	Taxon Group	First Date	Last Date	No. of Rec's
<i>Russula fragilis</i> var. <i>fragilis</i>	Fragile Russula	fungus	30/11/2009	18/09/2010	3
<i>Lactarius acerrimus</i>	Twospored Milkcap	fungus	18/09/2010	-	1
<i>Lactarius blennius</i>	Slimy Milk-Cap	fungus	30/08/2010	21/09/2010	2
<i>Lactarius controversus</i>	Blushing Milkcap	fungus	30/11/2009	24/09/2011	5
<i>Lactarius fulvissimus</i>	Tawny Milkcap	fungus	18/09/2010	01/10/2010	3
<i>Lactarius glyciosmus</i>	Coconut-Scented Milk-Cap	fungus	18/09/2010	-	1
<i>Lactarius obscuratus</i>	Alder Milkcap	fungus	17/08/2015	-	1
<i>Peniophora lycii</i>		fungus	07/09/2009	17/12/2014	3
<i>Gymnosporangium clavariiforme</i>	Tongues Of Fire	fungus	14/09/2012	-	1
<i>Tremella foliacea</i>	Leafy Brain	fungus	02/11/2014	-	1
<i>Tremella mesenterica</i>	Golden Jelly Fungus	fungus	28/04/2000	06/12/2014	5
<i>Coleosporium tussilaginis</i>		fungus	30/11/2009	-	1
<i>Melampsora populnea</i>	Dog's Mercury Rust	fungus	26/04/2015	-	1
<i>Kuehneola uredinis</i>	Pale Bramble Rust	fungus	31/08/2009	10/05/2015	2
<i>Russula exalbicans</i>	Bleached Brittlegill	fungus	31/07/2009	15/09/2011	7
<i>Phragmidium violaceum</i>	Violet Bramble Rust	fungus	31/08/2009	-	2
<i>Stereum rugosum</i>	Bleeding Broadleaf Crust	fungus	30/10/2005	14/04/2010	3
<i>Gymnosporangium sabiniae</i>	European Pear Rust	fungus	14/09/2012	-	1
<i>Puccinia glechomatis</i>	Ground Ivy Rust	fungus	14/09/2012	-	1
<i>Puccinia maculosa</i>		fungus	11/04/2010	-	1
<i>Puccinia phragmitis</i>		fungus	14/04/2010	-	1
<i>Puccinia primulae</i>		fungus	26/04/2015	-	1
<i>Melampsorium betulinum</i>	Birch Rust	fungus	03/10/2009	-	1
<i>Phragmidium mucronatum</i>		fungus	30/09/2009	14/08/2010	2
<i>Russula sororia</i>	Sepia Brittlegill	fungus	04/08/2009	-	1
<i>Skeletocutis vulgaris</i>		fungus	28/09/2010	-	1
<i>Russula ionochlora</i>	Marbled Brittlegill	fungus	30/08/2010	-	1
<i>Russula luteotacta</i>		fungus	30/08/2010	-	2
<i>Russula nigricans</i>	Blackening Brittlegill	fungus	01/10/2010	-	1
<i>Russula odorata</i>		fungus	28/09/2010	-	1
<i>Russula pseudointegra</i>	Scarlet Brittlegill	fungus	28/09/2010	01/10/2010	2
<i>Sebacina incrustans</i>	Enveloping Crust	fungus	15/09/2011	-	1
<i>Russula rosea</i>	Rosy Brittlegill	fungus	30/11/2009	-	1
<i>Stereum subtomentosum</i>	Yellowing Curtain Crust	fungus	23/10/2009	14/03/2010	2
<i>Russula versicolor</i>	Variable Brittlegill	fungus	30/08/2010	-	1
<i>Russula vesca</i>	Bared Teeth Brittlegill	fungus	04/08/2009	01/10/2010	2
<i>Stereum gausapatum</i>	Bleeding Oak Crust	fungus	27/01/2010	-	1
<i>Stereum hirsutum</i>	Hairy Stereum	fungus	04/08/2009	07/11/2015	11
<i>Stereum rameale</i>		fungus	31/08/2009	-	1
<i>Russula fellea</i>	Geranium-Scented Russula	fungus	30/11/2009	-	1
<i>Russula risigallina</i>	Golden Brittlegill	fungus	30/08/2010	-	1
<i>Clavulina coralloides</i>	Crested Coral	fungus	08/11/2009	28/09/2010	3
<i>Hygrophoropsis aurantiaca</i>	False Chanterelle	fungus	31/08/2015	-	1
<i>Paxillus involutus</i>	Brown Roll Rim	fungus	30/10/2005	14/10/2014	6

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<i>Paxillus rubicundulus</i>	Alder Rollrim	fungus	28/09/2010	15/09/2011	3
<i>Scleroderma areolatum</i>	Leopard-Spotted Earthball	fungus	30/08/2010	-	1
<i>Scleroderma verrucosum</i>	Scaly Earthball	fungus	15/09/2011	-	1
<i>Hymenochaete rubiginosa</i>	Oak Curtain Crust	fungus	30/10/2005	21/09/2010	2
<i>Clavulina cinerea</i>	Grey Coral	fungus	18/09/2010	21/09/2010	2
<i>Leccinum scabrum</i>	Brown Birch-Bolete	fungus	31/12/2008	15/09/2011	4
<i>Clavulina rugosa</i>	Wrinkled Club	fungus	09/11/2014	-	1
<i>Calocera viscosa</i>	Yellow Stagshorn	fungus	14/10/2014	-	1
<i>Dacrymyces stillatus</i>	Common Jelly Spot	fungus	27/01/2010	09/11/2014	5
<i>Ramaria stricta</i>	Upright Coral	fungus	11/10/2010	-	1
<i>Fuscoporia ferruginosa</i>	Rusty Porecrust	fungus	31/12/2008	27/01/2010	3
<i>Trametes hirsuta</i>	Hairy Bracket	fungus	07/04/2011	-	1
<i>Suillus grevillei</i>	Larch Slippery Jack	fungus	09/11/2014	-	1
<i>Boletus radicans</i>	Rooting Bolete	fungus	31/08/2015	-	1
<i>Boletus chrysenteron</i>	Red-Cracking Bolete	fungus	30/10/2005	-	1
<i>Asterophora lycoperdoides</i>	Pick-A-Back Toadstool	fungus	18/09/2010	-	1
<i>Boletus edulis</i>	Cep	fungus	30/08/2010	21/09/2010	3
<i>Lyophyllum decastes</i>	Clustered Domecap	fungus	01/10/2010	-	1
<i>Boletus luridiformis</i> var. <i>luridiformis</i>	Scarletina Bolete	fungus	30/08/2010	-	2
<i>Boletus porosporus</i>	Sepia Bolete	fungus	05/09/2010	21/09/2010	2
<i>Gyroporus castaneus</i>	Chestnut Bolete	fungus	08/09/2015	-	1
<i>Boletus queletii</i>	Deceiving Bolete	fungus	04/08/2009	-	1
<i>Xerocomellus engelii</i>		fungus	30/08/2010	21/09/2010	2
<i>Boletus rubellus</i>	Ruby Bolete	fungus	30/08/2010	23/08/2015	5
<i>Boletus subtomentosus</i>	Suede Bolete	fungus	30/08/2010	27/08/2015	3
<i>Leccinum crocipodium</i>	Yellow-Cracking Bolete	fungus	04/08/2009	-	1
<i>Leccinum duriusculum</i>	Slate Bolete	fungus	30/10/2005	24/09/2011	3
<i>Leccinum holopus</i>	Ghost Bolete	fungus	30/11/2009	-	2
<i>Inonotus hispidus</i>	Shaggy Bracket	fungus	30/10/2005	28/09/2010	2
<i>Boletus pulverulentus</i>	Inkstain Bolete	fungus	19/08/2010	30/08/2010	2
<i>Daedaleopsis confragosa</i>	Blushing Bracket	fungus	30/10/2005	04/11/2014	7
<i>Postia subcaesia</i>	Blueing Bracket	fungus	31/08/2009	06/12/2014	2
<i>Ganoderma australe</i>	Southern Bracket	fungus	07/09/2009	02/11/2014	3
<i>Ganoderma resinaceum</i>		fungus	17/08/2010	27/08/2015	2
<i>Physisporinus vitreus</i>		fungus	01/10/2010	-	1
<i>Byssomerulius corium</i>	Netted Crust	fungus	30/11/2009	29/11/2014	6
<i>Hymenochaete corrugata</i>	Glue Crust	fungus	17/07/2010	15/03/2011	2
<i>Terana coerulea</i>	Cobalt Crust	fungus	16/10/2009	-	1
<i>Laetiporus sulphureus</i>	Chicken Of The Woods	fungus	23/10/2009	04/08/2015	3
<i>Datronia mollis</i>	Common Mazegill	fungus	15/03/2011	-	1
<i>Polyporus durus</i>	Bay Polypore	fungus	01/09/2015	-	1
<i>Polyporus leptocephalus</i>	Blackfoot Polypore	fungus	14/08/2010	15/03/2011	3
<i>Skeletocutis carneogrisea</i>		fungus	29/11/2014	-	1
<i>Skeletocutis nivea</i>	Hazel Bracket	fungus	18/09/2010	21/09/2010	2



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<i>Boletus appendiculatus</i>	Oak Bolete	fungus	30/08/2010	21/09/2010	2
<i>Ceriporia reticulata</i>		fungus	14/08/2010	-	1
<i>Phallus impudicus</i>	Stinkhorn	fungus	30/10/2005	18/09/2010	4
<i>Mensularia radiata</i>	Alder Bracket	fungus	31/12/2008	-	1
<i>Phellinus igniarius</i>	Willow Bracket	fungus	30/07/2009	-	1
<i>Rickenella fibula</i>	Orange Mosscap	fungus	30/11/2009	22/10/2015	3
<i>Rickenella swartzii</i>	Collared Mosscap	fungus	30/11/2009	05/11/2015	2
<i>Basidirodulum radula</i>	Toothed Crust	fungus	22/11/2014	-	1
<i>Hyphodontia sambuci</i>	Elder Whitewash	fungus	30/10/2005	20/03/2010	3
<i>Postia stiptica</i>	Bitter Bracket	fungus	30/10/2005	30/08/2010	3
<i>Mutinus caninus</i>	Dog Stinkhorn	fungus	31/08/2009	-	1
<i>Piptoporus betulinus</i>	Birch Polypore	fungus	15/08/2014	-	1
<i>Abortiporus biennis</i>	Blushing Rosette	fungus	14/08/2010	-	1
<i>Bjerkandera adusta</i>	Smoky Bracket	fungus	22/11/2014	-	1
<i>Hypochnicium punctulatum</i>		fungus	20/03/2010	-	1
<i>Mycoacia fuscoatra</i>		fungus	25/05/2011	-	1
<i>Phlebia radiata</i>	Wrinkled Crust	fungus	22/11/2014	-	1
<i>Trametes gibbosa</i>	Lumpy Bracket	fungus	30/10/2005	19/11/2015	2
<i>Schizopora paradoxa</i>	Split Porecrust	fungus	07/09/2009	15/09/2011	5
<i>Kretzschmaria deusta</i>	Brittle Cinder	fungus	20/03/2010	18/09/2010	3
<i>Nectria cinnabarina</i>	Coral-Spot Fungus	fungus	30/10/2005	-	1
<i>Agaricus arvensis</i>	Horse Mushroom	fungus	05/09/2010	28/09/2010	2
<i>Vuilleminia coryli</i>		fungus	10/11/2009	20/03/2010	3
<i>Vuilleminia comedens</i>	Waxy Crust	fungus	02/02/2010	20/03/2010	2
<i>Orbilina</i>		fungus	06/12/2014	-	1
<i>Taphrina tosquetii</i>	Alder Wrinkle	fungus	14/09/2012	-	1
<i>Taphrina sadebeckii</i>		fungus	14/09/2012	-	1
<i>Taphrina alni</i>	Alder Tongue	fungus	14/09/2012	-	1
<i>Xylaria polymorpha</i>	Dead Man's Fingers	fungus	14/12/2014	-	1
<i>Agaricus bitorquis</i>	Pavement Mushroom	fungus	30/11/2009	-	1
<i>Nemania serpens var. serpens</i>		fungus	30/10/2005	-	1
<i>Agaricus campestris</i>	Field Mushroom	fungus	07/09/2009	10/11/2009	3
<i>Hypoxylon rubiginosum</i>	Rusty Woodwart	fungus	31/08/2009	-	1
<i>Hypoxylon petriniae</i>		fungus	11/04/2010	-	1
<i>Inocybe sindonia</i>	Beige Fibrecap	fungus	21/09/2010	-	1
<i>Daldinia concentrica</i>	King Alfred's Cakes	fungus	28/04/2000	04/04/2014	6
<i>Calyprella capula</i>	Bowl Hoodie	fungus	14/08/2010	-	1
<i>Annulohypoxylon multiforme</i>	Birch Woodwart	fungus	29/11/2014	10/05/2015	2
<i>Diatrype stigma</i>	Common Tarcrust	fungus	31/08/2009	27/01/2010	2
<i>Diatrype bullata</i>	Willow Barkspot	fungus	14/03/2010	15/03/2011	2
<i>Lasiosphaeria ovina</i>	Woolly Woodwart	fungus	14/08/2010	-	1
<i>Amanita phalloides</i>	Deathcap	fungus	04/08/2009	-	1
<i>Xylaria hypoxylon</i>	Candlesnuff Fungus	fungus	30/10/2005	07/11/2015	6
<i>Lepiota echinella var. echinella</i>		fungus	21/09/2010	-	1

Latin Name	Common Name	Taxon Group	First Date	Last Date	No. of Rec's
<i>Amanita muscaria</i> var. <i>muscaria</i>	Fly Agaric	fungus	30/10/2005	29/09/2013	2
<i>Amanita fulva</i>	Tawny Grisette	fungus	21/09/2010	27/08/2014	2
<i>Amanita excelsa</i> var. <i>excelsa</i>		fungus	16/07/2015	-	1
<i>Amanita crocea</i>	Orange Grisette	fungus	27/08/2014	08/09/2015	2
<i>Amanita citrina</i> var. <i>alba</i>		fungus	01/10/2010	-	1
<i>Amanita ceciliae</i>	Snakeskin Grisette	fungus	22/11/2014	-	1
<i>Amanita</i>		fungus	30/04/2001	-	1
<i>Macrolepiota procera</i> var. <i>procera</i>	Parasol Mushroom	fungus	28/09/2010	29/09/2013	2
<i>Leucoagaricus leucothites</i>	White Dapperling	fungus	30/11/2009	-	1
<i>Agaricus augustus</i>	Prince	fungus	18/09/2010	14/09/2015	2
<i>Lepiota felina</i>	Cat Dapperling	fungus	14/11/2014	-	1
<i>Hypomyces chrysospermus</i>	Bolete Mould	fungus	04/08/2009	28/09/2010	3
<i>Lepiota cristata</i>	Stinking Dapperling	fungus	04/11/2009	11/08/2015	4
<i>Cyathus striatus</i>	Fluted Bird's Nest	fungus	04/01/2016	-	1
<i>Crucibulum laeve</i>	White-Egg Bird's Nest	fungus	03/11/2015	-	1
<i>Coprinus comatus</i>	Shaggy Inkcap	fungus	30/11/2009	07/11/2015	4
<i>Chlorophyllum rachodes</i>	Shaggy Parasol	fungus	30/10/2005	31/10/2014	2
<i>Bovista plumbea</i>	Grey Puffball	fungus	01/10/2010	-	1
<i>Agaricus porphyrocephalus</i>		fungus	30/08/2010	18/09/2010	2
<i>Agaricus macrocarpus</i>		fungus	21/09/2010	-	1
<i>Agaricus comtulus</i>	Ornamented Mushroom	fungus	23/10/2009	-	1
<i>Agaricus campestris</i> var. <i>campestris</i>	Field Mushroom	fungus	30/11/2009	17/08/2010	2
<i>Lepiota subgracilis</i>		fungus	30/11/2009	-	1
<i>Erysiphe alphitoides</i>	Oak Mildew	fungus	31/08/2009	-	3
<i>Ophiocordyceps gracilis</i>		fungus	03/04/2011	10/04/2011	2
<i>Phaeohelotium epiphyllum</i>		fungus	04/08/2009	-	1
<i>Hymenoscyphus fructigenus</i>	Nut Disco	fungus	17/08/2010	18/09/2010	2
<i>Hymenoscyphus caudatus</i>		fungus	03/10/2009	28/09/2010	2
<i>Hymenoscyphus calyculus</i>		fungus	28/09/2010	-	1
<i>Bisporella citrina</i>	Lemon Disco	fungus	30/10/2005	14/12/2014	2
<i>Ascocoryne sarcoides</i>	Purple Jellydisc	fungus	30/10/2005	07/11/2015	2
<i>Chlorociboria aeruginascens</i>	Green Elfcup	fungus	10/05/2015	-	1
<i>Chaetomella acutisetata</i>		fungus	14/03/2010	-	1
<i>Lachnum tenuissimum</i>		fungus	25/05/2011	-	1
<i>Erysiphe heraclei</i>	Umbellifer Mildew	fungus	11/08/2010	17/08/2010	2
<i>Mollisia cinerea</i>	Common Grey Disco	fungus	30/10/2005	-	1
<i>Trichoglossum hirsutum</i> var. <i>hirsutum</i>	Hairy Earthtongue	fungus	07/11/2015	11/11/2015	2
<i>Rhopoglyphus filicinus</i>	Bracken Map	fungus	13/12/2015	-	1
<i>Repetophragma wroblewskii</i>		fungus	03/10/2009	-	1
<i>Venturia rumicis</i>		fungus	11/08/2010	-	1
<i>Metasphaeria complanata</i>		fungus	02/02/2010	20/03/2010	2
<i>Lycoperdon pyriforme</i>	Stump Puffball	fungus	30/11/2009	21/09/2010	2
<i>Lycoperdon pratense</i>	Meadow Puffball	fungus	30/11/2009	11/10/2010	3
<i>Lycoperdon perlatum</i>	Common Puffball	fungus	30/11/2009	19/08/2014	3

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<i>Lycoperdon molle</i>	Soft-Spined Puffball	fungus	30/10/2005	-	1
<i>Lycoperdon excipuliforme</i>	Pestle-Shaped Puffball	fungus	30/11/2009	03/11/2014	5
<i>Golovinomyces sordidus</i>	Plantain Mildew	fungus	30/09/2009	-	1
<i>Anthracobia melaloma</i>	Charcoal Eyelash	fungus	21/09/2010	-	1
<i>Epichloë typhina</i>	Choke	fungus	11/08/2010	-	1
<i>Claviceps purpurea var. purpurea</i>	Ergot	fungus	06/08/2009	14/09/2012	2
<i>Camarops polysperma</i>	Thick Tarcrust	fungus	04/11/2009	17/08/2010	3
<i>Chaetosphaerella phaeostroma</i>		fungus	14/08/2010	-	1
<i>Sarcoscypha austriaca</i>		fungus	21/03/2010	-	1
<i>Tarzetta cupularis</i>	Toothed Cup	fungus	21/09/2010	-	1
<i>Scutellinia scutellata</i>	Common Eyelash	fungus	14/12/2014	-	1
<i>Otidea onotica</i>	Hare's Ear	fungus	21/09/2010	-	1
<i>Otidea bufonia</i>	Toad's Ear	fungus	24/09/2011	-	1
<i>Lachnum apalum</i>	Rush Disco	fungus	23/10/2009	-	1
<i>Cheilymenia granulata</i>	Cowpat Gem	fungus	31/12/2008	25/09/2009	2
<i>Hypoxylon fuscum</i>	Hazel Woodwart	fungus	27/01/2010	29/11/2014	6
<i>Helvella lacunosa</i>	Elfin Saddle	fungus	21/09/2010	-	1
<i>Helvella crispa</i>	White Saddle	fungus	21/09/2010	24/09/2011	3
<i>Peziza succosa</i>	Yellowing Cup	fungus	18/09/2010	-	1
<i>Peziza fimeti</i>		fungus	25/12/2006	-	1
<i>Lophodermium arundinaceum</i>		fungus	27/01/2010	-	1
<i>Bulgaria inquinans</i>	Black Bulgar	fungus	30/10/2005	23/08/2015	3
<i>Trimmatostroma salicis</i>		fungus	31/08/2009	-	1
<i>Psilachnum acutum</i>		fungus	03/10/2009	-	1
<i>Mollisia ligni</i>		fungus	11/08/2010	-	1
<i>Mollisia hydrophila</i>		fungus	25/05/2011	-	1
<i>Geopora foliacea</i>		fungus	18/09/2010	-	1
<i>Fistulina hepatica</i>	Beef-Steak Fungus	fungus	31/08/2015	-	1
<i>Hygrocybe virginea var. virginea</i>	Snowy Wax-Cap	fungus	08/11/2009	07/11/2015	8
<i>Hygrocybe pratensis var. pratensis</i>	Meadow Wax-Cap	fungus	29/10/2015	-	1
<i>Hygrocybe insipida</i>	Spangle Waxcap	fungus	08/11/2009	30/11/2009	3
<i>Hygrocybe glutinipes var. glutinipes</i>	Glutinous Waxcap	fungus	21/09/2010	15/09/2011	2
<i>Hygrocybe conica</i>	Conical Wax-Cap	fungus	30/11/2009	07/11/2015	6
<i>Hygrocybe coccinea</i>	Scarlet Waxcap	fungus	06/12/2014	-	1
<i>Hygrocybe ceracea</i>	Butter Waxcap	fungus	30/11/2009	07/11/2015	2
<i>Laccaria tortilis</i>	Twisted Deceiver	fungus	30/11/2009	09/11/2014	2
<i>Laccaria proxima</i>	Scurfy Deceiver	fungus	30/11/2009	-	1
<i>Chondrostereum purpureum</i>	Silverleaf Fungus	fungus	30/11/2009	14/10/2014	4
<i>Laccaria amethystina</i>	Amethyst Deceiver	fungus	24/09/2011	-	1
<i>Crepidotus mollis</i>	Soft Slipper Toadstool	fungus	21/09/2010	24/08/2015	3
<i>Entoloma undatum</i>		fungus	01/10/2010	11/10/2010	2
<i>Entoloma sericeum var. sericeum</i>	Silky Nolanea	fungus	10/11/2009	15/09/2011	2
<i>Entoloma sericellum</i>	Cream Pinkgill	fungus	30/10/2005	30/11/2009	2
<i>Entoloma rhodopolium</i>	Wood Pinkgill	fungus	18/09/2010	-	1

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<i>Entoloma politum</i>		fungus	30/11/2009	-	1
<i>Entoloma hebes</i>	Pimple Pinkgill	fungus	30/11/2009	11/10/2010	5
<i>Entoloma conferendum</i> var. <i>conferendum</i>	Star Pinkgill	fungus	30/10/2005	-	1
<i>Entoloma caccabus</i>		fungus	28/09/2010	-	1
<i>Clitopilus prunulus</i>	Miller	fungus	30/08/2010	06/12/2014	2
<i>Laccaria laccata</i>	Deceiver	fungus	30/10/2005	15/11/2014	7
<i>Inocybe geophylla</i> var. <i>lilacina</i>	Lilac Fibrecap	fungus	10/11/2009	24/09/2011	5
<i>Inocybe hystrix</i>	Scaly Fibrecap	fungus	30/11/2009	-	1
<i>Inocybe lacera</i> var. <i>lacera</i>	Tom Fibrecap	fungus	30/11/2009	-	1
<i>Inocybe napipes</i>	Bulbous Fibrecap	fungus	21/09/2010	-	1
<i>Inocybe nitidiuscula</i>		fungus	18/09/2010	-	1
<i>Inocybe phaeodisca</i> var. <i>phaeodisca</i>		fungus	24/09/2011	-	1
<i>Biscogniauxia nummularia</i>	Beech Tarcrust	fungus	29/11/2014	-	1
<i>Amanita rubescens</i> var. <i>rubescens</i>	Blusher	fungus	30/08/2010	29/10/2013	2
<i>Inocybe phaeoleuca</i>		fungus	18/09/2010	24/09/2011	2
<i>Inocybe pusio</i>		fungus	18/09/2010	-	1
<i>Crepidotus caspari</i>	Pale Oysterling	fungus	18/09/2010	-	1
<i>Inocybe glabripes</i>		fungus	18/09/2010	-	1
<i>Crepidotus cesatii</i>	Roundspored Oysterling	fungus	10/11/2009	14/08/2010	4
<i>Inocybe geophylla</i> var. <i>geophylla</i>	White Fibrecap	fungus	30/11/2009	07/09/2015	6
<i>Inocybe geophylla</i>		fungus	22/11/2014	-	1
<i>Inocybe fuscidula</i> var. <i>fuscidula</i>	Darkish Fibrecap	fungus	21/09/2010	24/09/2011	3
<i>Inocybe flocculosa</i>	Fleecy Fibrecap	fungus	18/09/2010	-	1
<i>Inocybe dulcamara</i>		fungus	18/09/2010	24/09/2011	3
<i>Inocybe cookei</i>	Straw Fibrecap	fungus	18/09/2010	15/09/2011	2
<i>Inocybe cincinnata</i> var. <i>cincinnata</i>	Collared Fibrecap	fungus	18/09/2010	-	1
<i>Inocybe asterospora</i>	Star Fibrecap	fungus	18/09/2010	-	1
<i>Crepidotus variabilis</i>	Variable Oysterling	fungus	30/10/2005	26/11/2014	2
<i>Gliophorus psittacinus</i>	Parrot Wax-Cap	fungus	10/11/2009	05/11/2015	6
<i>Inocybe hirtella</i> var. <i>hirtella</i>		fungus	01/10/2010	-	1
<i>Tubaria conspersa</i>	Felted Twiglet	fungus	30/11/2009	15/09/2011	4
<i>Clavulinopsis helvola</i>	Yellow Club	fungus	08/11/2009	15/10/2015	3
<i>Clavulinopsis fusiformis</i>	Golden Spindles	fungus	08/11/2009	07/11/2015	3
<i>Clavulinopsis corniculata</i>	Meadow Coral	fungus	28/09/2010	07/11/2015	3
<i>Clavaria acuta</i>	Pointed Club	fungus	30/11/2009	24/09/2011	3
<i>Conocybe velutipes</i>	Fleecyfoot Conecap	fungus	10/11/2009	-	1
<i>Conocybe tenera</i>	Common Conecap	fungus	23/10/2009	28/09/2010	4
<i>Conocybe arrhenii</i>	Ringed Conecap	fungus	31/12/2009	01/10/2010	2
<i>Bolbitius titubans</i> var. <i>titubans</i>	Yellow Fieldcap	fungus	04/08/2009	13/11/2015	8
<i>Bolbitius titubans</i>		fungus	07/11/2015	-	1
<i>Clavulinopsis laeticolor</i>	Handsome Club	fungus	21/09/2010	-	1
<i>Tubaria dispersa</i>	Hawthorn Twiglet	fungus	09/10/2009	14/08/2010	2
<i>Rhodocollybia butyracea</i>	Greasy Tough-Shank	fungus	30/11/2009	09/11/2014	2
<i>Hebeloma sordescens</i>		fungus	18/09/2010	15/09/2011	2

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<i>Marasmiellus vailantii</i>	Goblet Parachute	fungus	14/08/2010	15/09/2011	4
<i>Hygrocybe chlorophana</i>	Golden Waxcap	fungus	30/11/2009	22/10/2015	2
<i>Gymnopus peronatus</i>	Wood Woolly-Foot	fungus	10/11/2009	15/09/2011	3
<i>Gymnopus fusipes</i>	Spindle Toughshank	fungus	30/08/2010	04/08/2015	2
<i>Gymnopus dryophilus</i>	Russet Shank	fungus	30/10/2005	07/11/2015	7
<i>Gymnopus confluens</i>	Clustered Tough-Shank	fungus	06/11/2009	30/08/2010	2
<i>Gymnopus aquosus</i>	Watery Toughshank	fungus	04/08/2009	23/10/2009	2
<i>Gymnopus androsaceus</i>	Horsehair Parachute	fungus	30/08/2010	18/09/2010	2
<i>Amanita vaginata</i>	Grisette	fungus	18/09/2010	-	1
<i>Tubaria furfuracea</i>	Scurfy Twiglet	fungus	10/11/2009	15/11/2015	9
<i>Cortinarius hemitrichus</i>	Frosty Webcap	fungus	21/09/2010	-	1
<i>Marasmiellus ramealis</i>	Twig Parachute	fungus	30/10/2005	31/08/2015	5
<i>Hebeloma crustuliniforme</i>	Poison Pie	fungus	30/10/2005	11/10/2010	4
<i>Hebeloma leucosarx</i>	Pale Poisonpie	fungus	10/11/2009	15/09/2011	4
<i>Hebeloma pusillum</i>	Dwarf Poisonpie	fungus	30/11/2009	18/09/2010	2
<i>Hebeloma sacchariolens</i>	Sweet Poisonpie	fungus	30/11/2009	15/09/2011	4
<i>Hebeloma sinapizans</i>	Bitter Poisonpie	fungus	31/12/2008	01/10/2010	3
<i>Galerina graminea</i>	Turf Bell	fungus	10/11/2009	-	1
<i>Galerina clavata</i>	Ribbed Bell	fungus	30/11/2009	-	1
<i>Cortinarius trivialis</i>	Girdled Webcap	fungus	30/11/2009	-	1
<i>Ramariopsis subtilis</i>	Slender Coral	fungus	01/10/2010	-	1
<i>Cortinarius hinnuleus</i>	Earthy Webcap	fungus	31/12/2008	18/09/2010	3
<i>Galerina marginata</i>	Funeral Bell	fungus	30/11/2009	11/10/2010	2
<i>Inocybe rimosa</i>	Split Fibrecap	fungus	24/09/2011	-	1
<i>Cortinarius flexipes</i> var. <i>flexipes</i>	Pine Pelargonium Webcap	fungus	08/11/2009	15/09/2011	4
<i>Cortinarius decipiens</i> var. <i>decipiens</i>	Sepia Webcap	fungus	28/09/2010	-	1
<i>Cortinarius decipiens</i>		fungus	30/10/2005	15/09/2011	7
<i>Cortinarius brunneus</i> var. <i>glandicolor</i>		fungus	30/11/2009	24/09/2011	4
<i>Cortinarius anomalus</i>	Variable Webcap	fungus	18/09/2010	11/10/2010	4
<i>Cortinarius amoenolens</i>	Blueleg Webcap	fungus	30/10/2005	-	1
<i>Cortinarius alnetorum</i>		fungus	10/11/2009	30/11/2009	2
<i>Cortinarius acetosus</i>		fungus	30/11/2009	01/10/2010	3
<i>Cortinarius largus</i>	Big-Bellied Webcap	fungus	31/12/2008	21/09/2010	3
<i>Physcia tenella</i>		lichen	18/03/1969	30/09/2009	3
<i>Diploicia canescens</i>		lichen	18/03/1969	-	3
<i>Physconia distorta</i>		lichen	18/03/1969	-	1
<i>Physconia grisea</i>		lichen	18/03/1969	-	2
<i>Physconia perisidiosa</i>		lichen	18/03/1969	-	1
<i>Rinodina roboris</i>		lichen	18/03/1969	-	2
<i>Polycauliona candelaria</i>		lichen	20/03/2010	-	1
<i>Xanthoria parietina</i>	Common Orange Lichen	lichen	30/09/2009	-	1
<i>Cladonia coniocraea</i>		lichen	18/03/1969	30/09/2009	2
<i>Cladonia humilis</i>		lichen	30/09/2009	-	1
<i>Cyphelium sessile</i>		lichen	18/03/1969	-	2

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<i>Flavoparmelia caperata</i>		lichen	18/03/1969	03/03/1975	4
<i>Opegrapha vulgata</i>		lichen	18/03/1969	-	1
<i>Hypogymnia physodes</i>	Dark Crottle	lichen	18/03/1969	20/03/2010	8
<i>Hypogymnia tubulosa</i>		lichen	31/10/2009	-	1
<i>Evernia prunastri</i>	Oak Moss	lichen	18/03/1969	30/09/2009	4
<i>Opegrapha atra</i>		lichen	18/03/1969	-	2
<i>Hypotrachyna laevigata</i>		lichen	31/10/2009	-	1
<i>Phlyctis argena</i>		lichen	18/03/1969	03/03/1975	3
<i>Arthonia didyma</i>		lichen	18/03/1969	-	1
<i>Arthonia vinosa</i>		lichen	18/03/1969	-	1
<i>Pachnolepia pruinata</i>		lichen	18/03/1969	-	2
<i>Acrocordia gemmata</i>		lichen	18/03/1969	-	3
<i>Enterographa crassa</i>		lichen	18/03/1969	03/03/1975	3
<i>Cyphelium inquinans</i>		lichen	18/03/1969	-	2
<i>Opegrapha vermicellifera</i>		lichen	18/03/1969	-	1
<i>Schismatomma decolorans</i>		lichen	18/03/1969	03/03/1975	5
<i>Amandinea punctata</i>		lichen	18/03/1969	03/03/1975	3
<i>Buellia griseovirens</i>		lichen	18/03/1969	-	1
<i>Calicium salicinum</i>		lichen	18/03/1969	-	1
<i>Calicium viride</i>		lichen	18/03/1969	-	2
<i>Chrysothrix candelaris</i>		lichen	18/03/1969	03/03/1975	4
<i>Pertusaria coccodes</i>		lichen	18/03/1969	-	3
<i>Pyrrhospora quernea</i>		lichen	18/03/1969	-	2
<i>Lepraria incana</i>		lichen	18/03/1969	-	3
<i>Lepraria lobificans</i>		lichen	30/09/2009	-	1
<i>Collema tenax</i>		lichen	15/09/2011	-	1
<i>Hypotrachyna revoluta</i>		lichen	18/03/1969	03/03/1975	4
<i>Ochrolechia subviridis</i>		lichen	18/03/1969	-	2
<i>Chaenotheca ferruginea</i>		lichen	18/03/1969	12/09/1989	3
<i>Lecidella elaeochroma f. elaeochroma</i>		lichen	30/09/2009	20/03/2010	3
<i>Pertusaria amara</i>		lichen	18/03/1969	-	4
<i>Ochrolechia androgyna</i>		lichen	18/03/1969	-	2
<i>Pertusaria flavida</i>		lichen	18/03/1969	-	2
<i>Pertusaria hymenea</i>		lichen	18/03/1969	03/03/1975	3
<i>Pertusaria leioplaca</i>		lichen	12/09/1989	-	1
<i>Pertusaria pertusa</i>		lichen	18/03/1969	-	3
<i>Graphina</i>		lichen	18/03/1969	-	1
<i>Porina aenea</i>		lichen	18/03/1969	-	1
<i>Trapeliopsis granulosa</i>		lichen	18/03/1969	-	2
<i>Normandina pulchella</i>		lichen	18/03/1969	-	2
<i>Pertusaria albescens</i>		lichen	18/03/1969	-	2
<i>Parmelia saxatilis</i>		lichen	18/03/1969	-	3
<i>Melanelia subaurifera</i>		lichen	30/09/2009	-	1
<i>Melanelixia glabrata</i>		lichen	18/03/1969	03/03/1975	4

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<i>Varicellaria hemisphaerica</i>		lichen	18/03/1969	03/03/1975	3
<i>Melanohalea elegantula</i>		lichen	18/03/1969	-	2
<i>Lecidella elaeochroma</i>		lichen	18/03/1969	-	2
<i>Parmelia sulcata</i>	Netted Shield Lichen	lichen	18/03/1969	31/10/2009	5
<i>Parmotrema perlatum</i>		lichen	18/03/1969	-	3
<i>Parmotrema reticulatum</i>		lichen	18/03/1969	-	2
<i>Platismatia glauca</i>		lichen	18/03/1969	-	2
<i>Lecanora expallens</i>		lichen	18/03/1969	-	2
<i>Usnea subfloridana</i>		lichen	18/03/1969	-	2
<i>Fellhaneropsis vezdae</i>		lichen	03/03/1975	-	1
<i>Cliostomum griffithii</i>		lichen	18/03/1969	03/03/1975	3
<i>Ramalina farinacea</i>		lichen	18/03/1969	-	2
<i>Haematomma ochroleucum</i>		lichen	18/03/1969	-	2
<i>Lecanora carpinea</i>		lichen	30/09/2009	27/01/2010	2
<i>Lecanora chlarotera</i>		lichen	18/03/1969	20/03/2010	4
<i>Lecanora conizaeoides</i>		lichen	18/03/1969	-	2
<i>Punctelia subrudecta</i>		lichen	18/03/1969	31/10/2009	5
<i>Lophocolea heterophylla</i>	Variable-leaved Crestwort	liverwort	28/12/1988	17/10/2013	4
<i>Chiloscyphus pallescens</i>	St Winifrid's Other Moss	liverwort	28/12/1988	22/06/1998	4
<i>Chiloscyphus polyanthos</i>	St Winifrid's Moss	liverwort	12/01/1989	-	1
<i>Plagiochila asplenoides</i>	Greater Featherwort	liverwort	03/03/1975	17/10/2013	4
<i>Plagiochila porelloides</i>	Lesser Featherwort	liverwort	28/12/1988	-	1
<i>Cephalozia bicuspidata</i>	Two-horned Pincerwort	liverwort	31/12/1988	12/01/1989	2
<i>Diplophyllum albicans</i>	White Earwort	liverwort	12/01/1989	-	1
<i>Scapania irrigua</i>	Heath Earwort	liverwort	31/12/1983	-	1
<i>Lophocolea bidentata</i>	Bifid Crestwort	liverwort	03/03/1975	17/10/2013	6
<i>Jungermannia gracillima</i>	Crenulated Flapwort	liverwort	31/12/1983	-	1
<i>Calypogeia fissa</i>	Common Pouchwort	liverwort	03/03/1975	17/10/2013	4
<i>Calypogeia arguta</i>	Notched Pouchwort	liverwort	03/03/1975	17/10/2013	4
<i>Microlejeunea ulicina</i>	Fairy Beads	liverwort	03/03/1975	17/10/2013	5
<i>Conocephalum conicum</i>	Great Scented Liverwort	liverwort	03/03/1975	17/10/2013	4
<i>Pellia endiviifolia</i>	Endive Pellia	liverwort	03/03/1975	17/10/2013	5
<i>Pellia epiphylla</i>	Overleaf Pellia	liverwort	12/08/1982	12/01/1989	4
<i>Fossombronia wondraczekii</i>	Acid Frillwort	liverwort	31/12/1999	-	1
<i>Metzgeria consanguinea</i>	Whiskered Veilwort	liverwort	01/11/2013	-	1
<i>Metzgeria violacea</i>	Blueish Veilwort	liverwort	22/06/1998	-	1
<i>Porella platyphylla</i>	Wall Scalewort	liverwort	22/06/1998	-	1
<i>Radula complanata</i>	Even Scalewort	liverwort	18/03/1969	17/10/2013	4
<i>Frullania dilatata</i>	Dilated Scalewort	liverwort	18/03/1969	17/10/2013	9
<i>Cololejeunea minutissima</i>	Minute Pouncewort	liverwort	31/12/2009	-	1
<i>Metzgeria furcata</i>	Forked Veilwort	liverwort	03/03/1975	17/10/2013	7
<i>Lunularia cruciata</i>	Crescent-cup Liverwort	liverwort	28/12/1988	17/10/2013	4
<i>Brachythecium rutabulum</i>	Rough-stalked Feather-moss	moss	03/03/1975	22/06/1998	5
<i>Eurhynchium praelongum</i>	Common Feather-moss	moss	03/03/1975	17/10/2013	7

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<i>Eurhynchium pumilum</i>	Dwarf Feather-moss	moss	31/12/1988	17/10/2013	2
<i>Eurhynchium striatum</i>	Common Striated Feather-moss	moss	03/03/1975	17/10/2013	6
<i>Rhynchostegium confertum</i>	Clustered Feather-moss	moss	28/12/1988	17/10/2013	3
<i>Rhynchostegium murale</i>	Wall Feather-moss	moss	17/10/2013	-	1
<i>Rhynchostegium riparioides</i>	Long-beaked Water Feather-moss	moss	17/10/2013	-	1
<i>Rhynchostegiella tenella</i>	Tender Feather-moss	moss	17/10/2013	-	1
<i>Oxyrrhynchium hians</i>	Swartz's Feather-moss	moss	03/03/1975	17/10/2013	5
<i>Thuidium tamariscinum</i>	Common Tamarisk-moss	moss	03/03/1975	12/01/1989	4
<i>Rhizomnium punctatum</i>	Dotted Thyme-moss	moss	03/03/1975	17/10/2013	5
<i>Cirriphyllum piliferum</i>	Hair-pointed Feather-moss	moss	03/03/1975	31/12/2009	4
<i>Leptodictyum riparium</i>	Kneiff's Feather-moss	moss	31/12/1988	17/10/2013	3
<i>Amblystegium serpens</i> var. <i>serpens</i>		moss	17/10/2013	-	1
<i>Amblystegium serpens</i>	Creeping Feather-moss	moss	28/12/1988	22/06/1998	3
<i>Cratoneuron filicinum</i>	Fern-leaved Hook-moss	moss	31/12/1988	17/10/2013	2
<i>Orthodontium lineare</i>	Cape Thread-moss	moss	28/12/1988	-	1
<i>Scleropodium purum</i>	Neat Feather-moss	moss	03/03/1975	31/12/1988	3
<i>Plagiomnium rostratum</i>	Long-beaked Thyme-moss	moss	01/11/2013	-	1
<i>Hypnum lindbergii</i>	Lindberg's Plait-moss	moss	23/12/1964	-	1
<i>Mnium stellare</i>	Starry Thyme-moss	moss	17/10/2013	-	1
<i>Mnium hornum</i>	Swan's-neck Thyme-moss	moss	03/03/1975	17/10/2013	8
<i>Pohlia melanodon</i>	Pink-fruited Thread-moss	moss	28/12/1988	17/10/2013	2
<i>Plagiomnium undulatum</i>	Hart's-tongue Thyme-moss	moss	03/03/1975	17/10/2013	8
<i>Plagiothecium nemorale</i>	Woodsy Silk-moss	moss	03/03/1975	31/12/1988	3
<i>Atrichum undulatum</i>	Common Smoothcap	moss	03/03/1975	22/06/1998	6
<i>Anomodon viticulosus</i>	Rambling Tail-moss	moss	22/06/1998	17/10/2013	2
<i>Isothecium myosuroides</i> var. <i>myosuroides</i>		moss	17/10/2013	-	1
<i>Isothecium myosuroides</i>	Slender Mouse-tail Moss	moss	03/03/1975	22/06/1998	4
<i>Isothecium alopecuroides</i>	Larger Mouse-tail Moss	moss	03/03/1975	22/06/1998	3
<i>Thamnobryum alopecurum</i>	Fox-tail Feather-moss	moss	03/03/1975	17/10/2013	4
<i>Homalia trichomanoides</i>	Blunt Feather-moss	moss	03/03/1975	17/10/2013	4
<i>Neckera pumila</i>	Dwarf Neckera	moss	18/03/1969	-	1
<i>Neckera complanata</i>	Flat Neckera	moss	31/12/1983	17/10/2013	3
<i>Cryphaea heteromalla</i>	Lateral Cryphaea	moss	28/12/1988	17/10/2013	3
<i>Hypnum cupressiforme</i> var. <i>resupinatum</i>	Supine Plait-moss	moss	03/03/1975	17/10/2013	6
<i>Plagiothecium succulentum</i>	Juicy Silk-moss	moss	22/06/1998	17/10/2013	2
<i>Homalothecium sericeum</i>	Silky Wall Feather-moss	moss	28/12/1988	17/10/2013	3
<i>Plagiothecium curvifolium</i>	Curved Silk-moss	moss	12/01/1989	-	1
<i>Rhytidiadelphus squarrosus</i>	Springy Turf-moss	moss	03/03/1975	12/01/1989	4
<i>Ctenidium molluscum</i>	Chalk Comb-moss	moss	03/03/1975	-	1
<i>Bryum argenteum</i>	Silver-moss	moss	31/12/1988	-	1
<i>Hypnum jutlandicum</i>	Heath Plait-moss	moss	28/12/1988	12/01/1989	3
<i>Pohlia annotina</i>	Pale-fruited Thread-moss	moss	22/06/1998	-	1
<i>Hypnum cupressiforme</i> var. <i>cupressiforme</i>		moss	28/12/1988	17/10/2013	5
<i>Hypnum andoi</i>	Mamillate Plait-moss	moss	22/06/1998	17/10/2013	2



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<i>Hypnum cupressiforme</i>		moss	12/08/1982	-	1
<i>Calliergonella cuspidata</i>	Pointed Spear-moss	moss	28/12/1988	17/10/2013	5
<i>Pseudotaxiphyllum elegans</i>	Elegant Silk-moss	moss	03/03/1975	22/06/1998	3
<i>Fissidens viridulus</i>	Green Pocket-moss	moss	17/10/2013	-	1
<i>Bryum rubens</i>	Crimson-tuber Thread-moss	moss	28/12/1988	31/12/1988	2
<i>Dicranum tauricum</i>	Fragile Fork-moss	moss	12/01/1989	-	1
<i>Bryum dichotomum</i>		moss	28/12/1988	31/12/1988	2
<i>Dicranella varia</i>	Variable Forklet-moss	moss	28/12/1988	31/12/1988	2
<i>Dicranella schreberiana</i>	Schreber's Forklet-moss	moss	28/12/1988	-	1
<i>Dicranella heteromalla</i>	Silky Forklet-moss	moss	03/03/1975	17/10/2013	5
<i>Dicranoweisia cirrata</i>	Common Pincushion	moss	28/12/1988	12/01/1989	3
<i>Dichodontium pellucidum</i>	Transparent Fork-moss	moss	17/10/2013	-	1
<i>Ceratodon purpureus</i>	Redshank	moss	28/12/1988	31/12/1988	2
<i>Campylopus introflexus</i>	Heath Star Moss	moss	12/01/1989	-	1
<i>Pleuroidium acuminatum</i>	Taper-leaved Earth-moss	moss	31/12/1988	-	1
<i>Campylopus flexuosus</i>	Rusty Swan-neck Moss	moss	28/12/1988	12/01/1989	2
<i>Fissidens taxifolius</i> var. <i>taxifolius</i>		moss	28/12/1988	17/10/2013	5
<i>Fissidens taxifolius</i>	Common Pocket-moss	moss	03/03/1975	-	1
<i>Fissidens pusillus</i>	Petty Pocket-moss	moss	17/10/2013	-	1
<i>Fissidens limbatus</i>	Herzog's Pocket-moss	moss	17/10/2013	-	1
<i>Fissidens bryoides</i>	Lesser Pocket-moss	moss	03/03/1975	17/10/2013	6
<i>Funaria hygrometrica</i>	Common Cord-moss	moss	28/12/1988	22/06/1998	3
<i>Tetraphis pellucida</i>	Pellucid Four-tooth Moss	moss	12/01/1989	-	1
<i>Polytrichum juniperinum</i>	Juniper Haircap	moss	31/12/1988	-	1
<i>Polytrichum formosum</i>	Bank Haircap	moss	28/12/1988	12/01/1989	2
<i>Atrichum undulatum</i> var. <i>undulatum</i>		moss	17/10/2013	-	1
<i>Pseudephemerum nitidum</i>	Delicate Earth-moss	moss	28/12/1988	-	1
<i>Orthotrichum affine</i>	Wood Bristle-moss	moss	28/12/1988	17/10/2013	5
<i>Bryum laevifilum</i>		moss	28/12/1988	-	1
<i>Bryum capillare</i>	Capillary Thread-moss	moss	28/12/1988	17/10/2013	4
<i>Ulota crispa</i>	Crisped Pincushion	moss	28/12/1988	17/10/2013	4
<i>Ulota bruchii</i>	Bruch's Pincushion	moss	28/12/1988	31/12/2009	2
<i>Orthotrichum tenellum</i>	Slender Bristle-moss	moss	17/10/2013	-	1
<i>Dicranum scoparium</i>	Broom Fork-moss	moss	28/12/1988	12/01/1989	2
<i>Orthotrichum diaphanum</i>	White-tipped Bristle-moss	moss	28/12/1988	31/12/1988	2
<i>Campylopus pyriformis</i>	Dwarf Swan-neck Moss	moss	28/12/1988	-	1
<i>Zygodon viridissimus</i> var. <i>viridissimus</i>		moss	22/06/1998	17/10/2013	2
<i>Tortula truncata</i>	Common Pottia	moss	31/12/1988	-	1
<i>Barbula convoluta</i>	Lesser Bird's-claw Beard-moss	moss	22/06/1998	-	1
<i>Weissia controversa</i>	Green-tufted Stubble-moss	moss	31/12/1988	-	1
<i>Orthotrichum lyellii</i>	Lyell's Bristle-moss	moss	18/03/1969	17/10/2013	6
<i>Pseudocrossidium hornsuschianum</i>	Hornsusch's Beard-moss	moss	31/12/1997	-	1
<i>Gyroweisia tenuis</i>	Slender Stubble-moss	moss	17/10/2013	-	1
<i>Barbula unguiculata</i>	Bird's-claw Beard-moss	moss	28/12/1988	31/12/1988	2

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<i>Didymodon fallax</i>	Fallacious Beard-moss	moss	31/12/1988	-	1
<i>Didymodon insulanus</i>	Cylindric Beard-moss	moss	17/10/2013	-	1
<i>Didymodon luridus</i>	Dusky Beard-moss	moss	17/10/2013	-	1
<i>Didymodon nicholsonii</i>	Nicholson's Beard-moss	moss	17/10/2013	-	1
<i>Didymodon rigidulus</i>	Rigid Beard-moss	moss	17/10/2013	-	1
<i>Tortula muralis</i>	Wall Screw-moss	moss	31/12/1988	-	1
<i>Equisetum fluviatile</i>	Water Horsetail	horsetail	09/06/2006	-	2
<i>Equisetum arvense</i>	Field Horsetail	horsetail	18/07/2006	18/07/2009	2
<i>Dryopteris</i>	Buckler-Fern	fern	06/06/2003	-	1
<i>Dryopteris filix-mas</i> agg.	Male Fern	fern	12/08/1982	31/12/2009	6
<i>Dryopteris carthusiana</i>	Narrow Buckler-fern	fern	06/06/1991	-	1
<i>Dryopteris filix-mas</i>	Male-fern	fern	14/05/1985	07/09/2015	21
<i>Dryopteris affinis</i>	Scaly Male-fern	fern	16/04/2008	10/05/2010	3
<i>Polystichum setiferum</i>	Soft Shield-fern	fern	28/04/2000	09/07/2010	5
<i>Athyrium filix-femina</i>	Lady-fern	fern	27/04/2005	31/12/2009	4
<i>Asplenium adiantum-nigrum</i>	Black Spleenwort	fern	09/07/2010	-	1
<i>Phyllitis scolopendrium</i>	Hart's-tongue	fern	12/08/1982	26/04/2015	8
<i>Pteridium aquilinum</i>	Bracken	fern	12/08/1982	07/09/2015	19
<i>Polystichum aculeatum</i>	Hard Shield-fern	fern	12/08/1982	05/06/2008	7
<i>Botrychium lanceolatum</i>	Adder's-Tongue Fern	fern	03/04/2011	03/06/2015	5
<i>Dryopteris dilatata</i>	Broad Buckler-fern	fern	12/08/1982	10/05/2010	10
<i>Ophioglossum vulgatum</i>	Adder's Tongue	fern	21/04/2010	-	1
<i>Taxus baccata</i>	Yew	conifer	14/05/1985	10/05/2010	7
<i>Pinopsida</i>		conifer	18/04/2008	01/06/2008	2
<i>Thuja plicata</i>	Western Red-cedar	conifer	31/12/2009	-	1
<i>Thuja</i>		conifer	10/07/2008	-	1
<i>Cupressus macrocarpa x Xanthocyparis nootk</i>	Leyland Cypress	conifer	10/02/2006	-	1
<i>Sequoia sempervirens</i>	Coastal Redwood	conifer	16/04/2011	-	1
<i>Pinus sylvestris</i>	Scots Pine	conifer	06/06/1991	31/12/2009	10
<i>Larix decidua x kaempferi = L. x marschlinsii</i>	Hybrid Larch	conifer	11/08/2006	29/03/2011	2
<i>Larix decidua</i>	European Larch	conifer	31/12/2009	-	1
<i>Picea sitchensis</i>	Sitka Spruce	conifer	31/12/1994	-	1
<i>Picea abies</i>	Norway Spruce	conifer	10/02/2006	-	1
<i>Pseudotsuga menziesii</i>	Douglas Fir	conifer	31/12/1994	-	1
<i>Pinus radiata</i>	Monterey Pine	conifer	21/10/2006	27/04/2010	3
<i>Sequoiadendron giganteum</i>	Wellingtonia	conifer	10/07/2008	31/12/2009	2
<i>Ginkgo</i>		ginkgo	08/11/2009	-	1
<i>Mimulus guttatus</i>	Monkeyflower	flowering plant	30/06/2005	27/08/2014	3
<i>Clinopodium vulgare</i>	Wild Basil	flowering plant	01/11/2007	25/08/2009	3
<i>Rhinanthus minor</i>	Yellow-rattle	flowering plant	25/07/2005	09/07/2015	5
<i>Odontites vernus</i>	Red Bartsia	flowering plant	20/08/2004	09/07/2015	10
<i>Rosa canina</i>	Dog-rose	flowering plant	14/05/1985	25/03/2014	18
<i>Lycopus europaeus</i>	Gypsywort	flowering plant	04/05/2005	11/08/2006	5
<i>Mentha aquatica</i>	Water Mint	flowering plant	27/04/2005	31/12/2009	7

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<i>Mentha spicata</i>	Spear Mint	flowering plant	11/08/2006	-	1
<i>Mimulus moschatus</i>	Musk	flowering plant	20/08/2004	25/07/2005	2
<i>Lamium galeobdolon subsp. argentatum</i>	Yellow Archangel	flowering plant	02/04/2005	-	2
<i>Mentha aquatica x spicata = M. x piperita</i>	Peppermint	flowering plant	10/09/2009	-	1
<i>Prunella vulgaris</i>	Selfheal	flowering plant	14/07/2004	23/06/2015	20
<i>Glechoma hederacea</i>	Ground-ivy	flowering plant	12/08/1982	17/06/2015	41
<i>Ajuga reptans</i>	Bugle	flowering plant	12/08/1982	03/06/2015	32
<i>Teucrium scorodonia</i>	Wood Sage	flowering plant	27/04/2005	25/04/2008	6
<i>Galeopsis tetrahit</i>	Common Hemp-nettle	flowering plant	11/08/2006	-	1
<i>Galeopsis angustifolia</i>	Red Hemp-nettle	flowering plant	14/05/1985	-	1
<i>Galeopsis tetrahit agg.</i>	Common Hemp-Nettle agg.	flowering plant	12/08/1982	09/07/2010	3
<i>Lathraea squamaria</i>	Toothwort	flowering plant	31/12/1987	02/05/2015	25
<i>Lamium galeobdolon subsp. montanum</i>	Yellow Archangel	flowering plant	19/04/2003	10/05/2010	4
<i>Vicia sativa subsp. sativa</i>	Common Vetch	flowering plant	04/06/2011	-	1
<i>Lamium galeobdolon</i>	Yellow Archangel	flowering plant	12/08/1982	07/09/2015	38
<i>Lamium album</i>	White Dead-nettle	flowering plant	02/04/2005	-	2
<i>Lamium purpureum</i>	Red Dead-nettle	flowering plant	25/03/2003	25/08/2009	7
<i>Vicia tetrasperma</i>	Smooth Tare	flowering plant	09/06/2006	23/06/2015	9
<i>Laburnum anagyroides</i>	Laburnham	flowering plant	14/06/2008	-	1
<i>Trifolium repens</i>	White Clover	flowering plant	14/07/2004	07/09/2015	36
<i>Trifolium pratense</i>	Red Clover	flowering plant	20/08/2004	07/09/2015	34
<i>Trifolium dubium</i>	Lesser Trefoil	flowering plant	25/08/2009	10/05/2010	4
<i>Trifolium campestre</i>	Hop Trefoil	flowering plant	20/08/2004	15/07/2007	12
<i>Trifolium arvense</i>	Hare's-foot Clover	flowering plant	16/08/2008	-	1
<i>Medicago lupulina</i>	Black Medick	flowering plant	14/05/1985	03/06/2015	10
<i>Melilotus officinalis</i>	Ribbed Melilot	flowering plant	31/12/2007	30/09/2008	2
<i>Melilotus altissimus</i>	Tall Melilot	flowering plant	31/12/2008	17/07/2010	6
<i>Lathyrus pratensis</i>	Meadow Vetchling	flowering plant	14/05/1985	23/06/2015	23
<i>Lathyrus nissolia</i>	Grass Vetchling	flowering plant	09/06/2006	15/06/2015	8
<i>Vicia hirsuta</i>	Hairy Tare	flowering plant	31/12/2007	07/09/2015	6
<i>Lathyrus latifolius</i>	Broad-leaved Everlasting-pea	flowering plant	02/04/2005	11/08/2010	4
<i>Verbena bonariensis</i>	Argentinian Vervain	flowering plant	16/08/2008	-	3
<i>Vicia sepium</i>	Bush Vetch	flowering plant	20/05/1991	03/06/2015	17
<i>Vicia sativa subsp. segetalis</i>	Common Vetch	flowering plant	02/04/2005	25/08/2009	3
<i>Vicia sativa</i>	Common Vetch	flowering plant	28/04/2000	23/06/2015	14
<i>Ballota nigra</i>	Black Horehound	flowering plant	20/08/2009	-	1
<i>Vicia cracca</i>	Tufted Vetch	flowering plant	20/08/2004	10/05/2010	13
<i>Hippocrepis comosa</i>	Horseshoe Vetch	flowering plant	31/12/2005	-	1
<i>Lotus tenuis</i>	Narrow-leaved Bird's-foot-trefoil	flowering plant	17/07/2010	-	1
<i>Lotus pedunculatus</i>	Greater Bird's-foot-trefoil	flowering plant	31/12/2005	07/09/2015	17
<i>Lotus corniculatus</i>	Common Bird's-foot-trefoil	flowering plant	14/07/2004	03/06/2015	20
<i>Lotus</i>	Bird's-Foot-Trefoil	flowering plant	25/07/2005	23/06/2015	3
<i>Robinia pseudoacacia</i>	False-acacia	flowering plant	31/12/1997	16/08/2008	2
<i>Lathyrus linifolius</i>	Bitter-vetch	flowering plant	14/05/1985	14/04/2007	2

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<i>Humulus lupulus</i>	Hop	flowering plant	31/12/2005	20/04/2014	3
<i>Veronica beccabunga</i>	Brooklime	flowering plant	27/04/2005	12/07/2014	6
<i>Digitalis purpurea</i>	Foxglove	flowering plant	28/04/2000	10/04/2014	12
<i>Plantago media</i>	Hoary Plantain	flowering plant	14/05/1985	31/12/2005	2
<i>Plantago major</i>	Greater Plantain	flowering plant	12/08/1982	17/06/2015	23
<i>Plantago lanceolata</i>	Ribwort Plantain	flowering plant	14/05/1985	09/07/2015	38
<i>Ligustrum vulgare</i>	Wild Privet	flowering plant	02/04/2005	25/08/2009	6
<i>Ligustrum ovalifolium</i>	Garden Privet	flowering plant	02/04/2005	-	1
<i>Syringa vulgaris</i>	Lilac	flowering plant	31/12/1997	02/04/2005	2
<i>Fraxinus excelsior</i>	Ash	flowering plant	12/08/1982	24/05/2016	50
<i>Soleirolia soleirolii</i>	Mind-your-own-business	flowering plant	02/04/2005	-	1
<i>Verbascum blattaria</i>	Moth Mullein	flowering plant	08/07/2011	-	1
<i>Urtica dioica</i>	Common Nettle	flowering plant	12/08/1982	07/09/2015	58
<i>Veronica hederifolia</i>	Ivy-leaved Speedwell	flowering plant	02/04/2005	30/04/2010	9
<i>Ulmus procera</i>	English Elm	flowering plant	20/05/1991	09/07/2010	4
<i>Ulmus glabra</i>	Wych Elm	flowering plant	12/08/1982	10/05/2010	5
<i>Ulmus</i>	Elm	flowering plant	19/04/2003	29/05/2008	6
<i>Frangula alnus</i>	Alder Buckthorn	flowering plant	02/05/2015	-	1
<i>Rhamnus cathartica</i>	Buckthorn	flowering plant	31/12/2009	-	1
<i>Rosa stylosa</i>	Short-styled Field-rose	flowering plant	31/12/1997	16/08/2008	2
<i>Rosa rugosa</i>	Japanese Rose	flowering plant	03/06/2007	27/04/2010	3
<i>Rosa rubiginosa</i>	Sweet-briar	flowering plant	11/08/2006	31/12/2009	2
<i>Rosa micrantha</i>	Small-flowered Sweet-briar	flowering plant	31/12/1997	-	1
<i>Cytisus scoparius</i>	Broom	flowering plant	11/11/2009	-	2
<i>Beta vulgaris subsp. maritima</i>	Sea Beet	flowering plant	29/06/2007	-	1
<i>Urtica dioica subsp. galeopsifolia</i>		flowering plant	11/08/2010	-	2
<i>Kickxia spuria</i>	Round-leaved Fluellen	flowering plant	19/09/2009	-	1
<i>Stachys sylvatica</i>	Hedge Woundwort	flowering plant	12/08/1982	17/06/2015	12
<i>Stachys palustris</i>	Marsh Woundwort	flowering plant	11/08/2006	31/12/2009	2
<i>Stachys officinalis</i>	Betony	flowering plant	14/05/1985	04/06/2011	5
<i>Stachys arvensis</i>	Field Woundwort	flowering plant	31/12/2005	19/09/2009	2
<i>Buddleja davidii</i>	Butterfly-bush	flowering plant	02/04/2005	31/12/2009	2
<i>Scrophularia nodosa</i>	Common Figwort	flowering plant	12/08/1982	25/04/2014	22
<i>Scrophularia auriculata</i>	Water Figwort	flowering plant	02/04/2005	09/06/2006	3
<i>Verbascum thapsus</i>	Great Mullein	flowering plant	08/02/2005	25/08/2009	3
<i>Callitriche stagnalis</i>	Common Water-starwort	flowering plant	09/06/2006	11/08/2006	4
<i>Callitriche</i>	Water-starwort	flowering plant	11/08/2006	-	3
<i>Hippuris vulgaris</i>	Mare's-tail	flowering plant	09/05/2006	-	1
<i>Veronica chamaedrys</i>	Germander Speedwell	flowering plant	12/08/1982	03/06/2015	29
<i>Linaria purpurea</i>	Purple Toadflax	flowering plant	31/12/2005	30/09/2008	3
<i>Veronica filiformis</i>	Slender Speedwell	flowering plant	25/08/2009	27/03/2011	2
<i>Kickxia elatine</i>	Sharp-leaved Fluellen	flowering plant	19/09/2009	-	1
<i>Cymbalaria muralis</i>	Ivy-leaved Toadflax	flowering plant	31/12/2008	25/03/2014	4
<i>Chaenorhinum minus</i>	Small Toadflax	flowering plant	19/09/2009	-	1

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<i>Veronica serpyllifolia</i>	Thyme-leaved Speedwell	flowering plant	12/08/1982	17/04/2011	11
<i>Veronica polita</i>	Grey Field-speedwell	flowering plant	02/04/2005	-	1
<i>Veronica persica</i>	Common Field-speedwell	flowering plant	02/04/2005	07/09/2015	4
<i>Veronica officinalis</i>	Heath Speedwell	flowering plant	12/06/2005	-	1
<i>Veronica montana</i>	Wood Speedwell	flowering plant	12/08/1982	17/06/2015	23
<i>Veronica hederifolia</i> subsp. <i>lucorum</i>	Ivy-Leaved Speedwell	flowering plant	02/04/2005	07/04/2011	2
<i>Veronica hederifolia</i> subsp. <i>hederifolia</i>	Ivy-Leaved Speedwell	flowering plant	02/04/2005	-	2
<i>Stachys sylvatica</i> x <i>palustris</i> = <i>S. x ambigua</i>	Hybrid Woundwort	flowering plant	08/07/2011	-	1
<i>Linaria vulgaris</i>	Common Toadflax	flowering plant	03/08/2009	20/09/2015	6
<i>Chenopodium polyspermum</i>	Many-seeded Goosefoot	flowering plant	19/09/2009	31/12/2009	2
<i>Cerastium glomeratum</i>	Sticky Mouse-ear	flowering plant	25/08/2009	10/05/2010	3
<i>Euphorbia amygdaloides</i>	Wood Spurge	flowering plant	18/03/1969	15/06/2015	27
<i>Mercurialis perennis</i>	Dog's Mercury	flowering plant	12/08/1982	24/05/2016	55
<i>Mercurialis annua</i>	Annual Mercury	flowering plant	19/04/2003	-	1
<i>Oxalis acetosella</i>	Wood-sorrel	flowering plant	14/05/1985	10/05/2010	15
<i>Euonymus europaeus</i>	Spindle	flowering plant	12/08/1982	25/03/2014	14
<i>Bryonia dioica</i>	White Bryony	flowering plant	30/09/2012	-	1
<i>Montia fontana</i> subsp. <i>chondrosperma</i>	Blinks	flowering plant	02/04/2005	-	1
<i>Montia fontana</i>	Blinks	flowering plant	02/04/2005	-	1
<i>Amaranthus hybridus</i>	Green Amaranth	flowering plant	14/08/2010	-	2
<i>Ranunculus flammula</i>	Lesser Spearwort	flowering plant	31/12/2005	18/06/2014	5
<i>Euphorbia peplus</i>	Petty Spurge	flowering plant	02/04/2005	25/08/2009	4
<i>Rosa arvensis</i>	Field-rose	flowering plant	12/08/1982	31/12/2009	9
<i>Populus</i>	Poplar	flowering plant	10/02/2006	-	1
<i>Chenopodium ficifolium</i>	Fig-leaved Goosefoot	flowering plant	08/07/2011	-	1
<i>Chenopodium album</i>	Fat-hen	flowering plant	25/08/2009	-	1
<i>Chenopodium album</i> agg.	Fat Hen	flowering plant	12/08/1982	-	1
<i>Saponaria officinalis</i>	Soapwort	flowering plant	16/06/2006	-	1
<i>Silene flos-cuculi</i>	Ragged-Robin	flowering plant	31/12/2005	03/06/2015	2
<i>Silene dioica</i>	Red Champion	flowering plant	25/07/2005	24/08/2015	5
<i>Silene coeli-rosa</i>	Rose-of-heaven	flowering plant	16/08/2008	-	1
<i>Agrostemma githago</i>	Corncockle	flowering plant	31/12/1988	-	1
<i>Sagina procumbens</i>	Procumbent Pearlwort	flowering plant	02/04/2005	-	1
<i>Sagina apetala</i> subsp. <i>erecta</i>	Fringed Pearlwort	flowering plant	16/08/2008	-	1
<i>Atriplex patula</i>	Common Orache	flowering plant	10/05/2010	11/08/2010	4
<i>Atriplex prostrata</i>	Spear-leaved Orache	flowering plant	11/07/2010	-	1
<i>Viola</i>	Violet	flowering plant	06/06/1991	05/06/2008	8
<i>Geranium columbinum</i>	Long-stalked Crane's-bill	flowering plant	25/07/2005	16/08/2008	4
<i>Geranium</i>	Crane's-Bill	flowering plant	14/07/2004	-	1
<i>Hypericum tetrapterum</i>	Square-stalked St John's-wort	flowering plant	09/06/2006	10/05/2010	9
<i>Hypericum pulchrum</i>	Slender St John's-wort	flowering plant	25/08/2009	-	1
<i>Hypericum perforatum</i>	Perforate St John's-wort	flowering plant	14/05/1985	11/08/2010	16
<i>Hypericum hirsutum</i>	Hairy St John's-wort	flowering plant	31/12/2005	16/07/2010	3
<i>Hypericum androsaemum</i>	Tutsan	flowering plant	13/02/2006	11/07/2010	6

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<i>Hypericum</i>	St. John's-Wort	flowering plant	14/07/2004	05/06/2008	2
<i>Viola riviniana</i>	Common Dog-violet	flowering plant	12/08/1982	07/09/2015	20
<i>Viola reichenbachiana</i>	Early Dog-violet	flowering plant	14/05/1985	10/05/2010	12
<i>Viola odorata</i> var. <i>imberbis</i>		flowering plant	29/03/2011	-	1
<i>Euphorbia lathyris</i>	Caper Spurge	flowering plant	02/04/2005	25/05/2011	2
<i>Viola arvensis</i>	Field Pansy	flowering plant	19/09/2009	-	1
<i>Cerastium fontanum</i>	Common Mouse-ear	flowering plant	09/06/2006	23/06/2015	23
<i>Salix viminalis</i> x <i>caprea</i> = <i>S. x smithiana</i>	Broad-leaved Osier	flowering plant	31/12/1997	-	1
<i>Salix cinerea</i> subsp. <i>oleifolia</i>	Rusty Willow	flowering plant	11/08/2006	-	1
<i>Salix cinerea</i>	Common Sallow	flowering plant	14/05/1985	31/12/2009	4
<i>Salix caprea</i>	Goat Willow	flowering plant	12/08/1982	30/09/2012	11
<i>Salix alba</i> 'Britzensis'	Willow	flowering plant	23/05/2003	31/12/2009	2
<i>Salix</i>	Willow	flowering plant	31/12/2005	25/03/2014	11
<i>Populus tremula</i>	Aspen	flowering plant	14/05/1985	03/06/2015	7
<i>Populus nigra</i> x <i>deltoides</i> = <i>P. x canadensis</i>	Hybrid Black-poplar	flowering plant	21/04/2008	31/12/2009	2
<i>Populus nigra</i> subsp. <i>betulifolia</i>	Black Poplar	flowering plant	22/11/2005	25/05/2012	4
<i>Populus nigra</i>	Black-poplar	flowering plant	25/03/2014	-	1
<i>Populus alba</i>	White Poplar	flowering plant	31/12/2009	-	1
<i>Viola odorata</i>	Sweet Violet	flowering plant	27/04/2005	15/03/2011	4
<i>Alnus glutinosa</i>	Alder	flowering plant	12/08/1982	03/06/2015	25
<i>Myosoton aquaticum</i>	Water Chickweed	flowering plant	31/12/2009	-	1
<i>Lysimachia nemorum</i>	Yellow Pimpernel	flowering plant	12/08/1982	10/05/2010	3
<i>Primula vulgaris</i>	Primrose	flowering plant	18/03/1969	26/04/2015	60
<i>Primula veris</i> x <i>vulgaris</i> = <i>P. x polyantha</i>	False Oxlip	flowering plant	31/12/1994	02/04/2005	4
<i>Primula veris</i>	Cowslip	flowering plant	14/05/1985	26/04/2015	10
<i>Impatiens parviflora</i>	Small Balsam	flowering plant	30/09/2012	-	1
<i>Impatiens glandulifera</i>	Indian Balsam	flowering plant	05/07/2012	23/08/2014	3
<i>Impatiens capensis</i>	Orange Balsam	flowering plant	31/12/2008	23/08/2014	4
<i>Corylus avellana</i>	Hazel	flowering plant	12/08/1982	24/05/2016	64
<i>Corylus</i>	Hazel	flowering plant	10/02/2006	-	1
<i>Carpinus betulus</i>	Hornbeam	flowering plant	20/05/1991	07/09/2015	9
<i>Anagallis arvensis</i> subsp. <i>arvensis</i>	Scarlet Pimpernel	flowering plant	20/06/2014	-	1
<i>Alnus incana</i>	Grey Alder	flowering plant	31/12/1997	-	1
<i>Rhododendron ponticum</i>		flowering plant	14/05/1985	31/12/2009	6
<i>Betula pubescens</i>	Downy Birch	flowering plant	12/08/1982	21/04/2008	3
<i>Betula pendula</i>	Silver Birch	flowering plant	12/08/1982	14/12/2010	15
<i>Betula</i>	Birch	flowering plant	21/04/2008	-	1
<i>Juglans regia</i>	Walnut	flowering plant	14/05/1985	-	1
<i>Quercus robur</i>	Pedunculate Oak	flowering plant	12/08/1982	09/07/2015	66
<i>Quercus petraea</i>	Sessile Oak	flowering plant	20/05/1991	-	1
<i>Quercus cerris</i>	Turkey Oak	flowering plant	11/08/2010	-	2
<i>Quercus</i>	Oak	flowering plant	23/05/2003	31/12/2009	4
<i>Castanea sativa</i>	Sweet Chestnut	flowering plant	11/01/2003	10/05/2010	10
<i>Fagus sylvatica</i>	Beech	flowering plant	14/05/1985	24/05/2016	17

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<i>Ulex minor</i>	Dwarf Gorse	flowering plant	10/03/2009	-	1
<i>Alnus rubra</i>	Red Alder	flowering plant	31/12/2009	-	1
<i>Rumex acetosella</i>	Sheep's Sorrel	flowering plant	14/05/1985	-	1
<i>Cerastium diffusum</i>	Sea Mouse-ear	flowering plant	02/04/2005	-	1
<i>Cerastium</i>	Mouse-Ear	flowering plant	20/05/1991	15/06/2015	2
<i>Stellaria media</i>	Common Chickweed	flowering plant	02/04/2005	03/06/2015	3
<i>Stellaria holostea</i>	Greater Stitchwort	flowering plant	06/06/1991	24/05/2014	24
<i>Stellaria graminea</i>	Lesser Stitchwort	flowering plant	29/04/1994	24/05/2014	25
<i>Stellaria alsine</i>	Bog Stitchwort	flowering plant	09/06/2006	-	2
<i>Stellaria media</i> agg.	Chickweed	flowering plant	12/08/1982	-	1
<i>Moehringia trinervia</i>	Three-nerved Sandwort	flowering plant	20/05/1991	31/12/2009	9
<i>Rumex sanguineus</i>	Wood Dock	flowering plant	12/08/1982	01/06/2008	16
<i>Rumex obtusifolius</i>	Broad-leaved Dock	flowering plant	12/08/1982	07/09/2015	39
<i>Rumex crispus x obtusifolius = R. x pratensis</i>	Dock	flowering plant	02/04/2005	-	2
<i>Anagallis arvensis</i>	Scarlet Pimpernel	flowering plant	27/04/2005	03/06/2015	4
<i>Rumex conglomeratus</i>	Clustered Dock	flowering plant	16/08/2008	11/08/2010	3
<i>Ulex europaeus</i>	Gorse	flowering plant	06/03/2004	09/07/2015	11
<i>Rumex acetosa</i> subsp. <i>acetosa</i>	Common Sorrel	flowering plant	09/06/2006	03/08/2009	2
<i>Rumex acetosa</i>	Common Sorrel	flowering plant	20/08/2004	07/09/2015	25
<i>Rumex</i>	Dock	flowering plant	20/05/1991	-	1
<i>Fallopia japonica</i>	Japanese Knotweed	flowering plant	10/05/2010	19/10/2015	8
<i>Fallopia convolvulus</i>	Black-bindweed	flowering plant	19/09/2009	-	1
<i>Polygonum aviculare</i>	Knotgrass	flowering plant	31/12/2005	11/08/2006	2
<i>Polygonum arenastrum</i>	Equal-leaved Knotgrass	flowering plant	31/12/2009	-	1
<i>Polygonum aviculare</i> agg.	Knotgrass agg.	flowering plant	09/07/2004	-	1
<i>Persicaria maculosa</i>	Redshank	flowering plant	31/12/2005	25/08/2009	4
<i>Persicaria hydropiper</i>	Water-pepper	flowering plant	12/08/1982	31/12/2009	3
<i>Persicaria bistorta</i>	Common Bistort	flowering plant	20/08/2004	-	1
<i>Rumex crispus</i>	Curled Dock	flowering plant	14/05/1985	09/07/2015	20
<i>Luzula campestris</i>	Field Wood-rush	flowering plant	02/04/2005	02/05/2015	5
<i>Carex spicata</i>	Spiked Sedge	flowering plant	09/07/2010	-	1
<i>Carex remota</i>	Remote Sedge	flowering plant	06/06/1991	30/09/2012	8
<i>Carex pseudocyperus</i>	Cyperus Sedge	flowering plant	04/05/2005	-	1
<i>Carex pendula</i>	Pendulous Sedge	flowering plant	12/08/1982	07/09/2015	52
<i>Carex leporina</i>	Oval Sedge	flowering plant	09/06/2006	-	2
<i>Carex laevigata</i>	Smooth-stalked Sedge	flowering plant	08/07/2011	-	1
<i>Carex hirta</i>	Hairy Sedge	flowering plant	09/06/2006	11/07/2010	4
<i>Carex divulsa</i> subsp. <i>divulsa</i>	Grey Sedge	flowering plant	02/04/2005	-	1
<i>Carex</i>	Sedge	flowering plant	06/06/2003	21/04/2008	2
<i>Luzula pilosa</i>	Hairy Wood-rush	flowering plant	06/06/1991	29/03/2011	4
<i>Holcus mollis</i>	Creeping Soft-grass	flowering plant	06/06/1991	31/12/2009	5
<i>Luzula forsteri</i>	Southern Wood-rush	flowering plant	02/04/2005	-	1
<i>Sasa ramosa</i>	Hairy Bamboo	flowering plant	13/02/2006	-	1
<i>Luzula</i>	Wood-Rush	flowering plant	14/05/1985	-	1

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<i>Juncus inflexus</i>	Hard Rush	flowering plant	02/04/2005	20/08/2009	5
<i>Juncus effusus</i>	Soft-rush	flowering plant	02/04/2005	23/06/2015	15
<i>Juncus conglomeratus</i>	Compact Rush	flowering plant	31/12/2009	-	1
<i>Juncus bulbosus</i>	Bulbous Rush	flowering plant	31/12/2009	-	1
<i>Juncus bufonius</i>	Toad Rush	flowering plant	09/06/2006	-	2
<i>Juncus articulatus</i>	Jointed Rush	flowering plant	09/06/2006	25/08/2009	3
<i>Juncus acutiflorus</i>	Sharp-flowered Rush	flowering plant	09/06/2006	-	3
<i>Juncus</i>	Rush	flowering plant	07/09/2015	-	1
<i>Typha latifolia x angustifolia = T. x glauca</i>	Hybrid Reedmace	flowering plant	31/12/1997	-	1
<i>Typha latifolia</i>	Bulrush	flowering plant	02/04/2005	27/11/2008	3
<i>Luzula multiflora</i>	Heath Wood-rush	flowering plant	12/06/2005	13/07/2009	2
<i>Cynosurus cristatus</i>	Crested Dog's-tail	flowering plant	02/04/2005	09/07/2015	20
<i>Ranunculus sceleratus</i>	Celery-leaved Buttercup	flowering plant	09/06/2006	07/05/2008	4
<i>Deschampsia cespitosa subsp. cespitosa</i>	Tufted Hair-grass	flowering plant	31/12/2009	-	1
<i>Deschampsia cespitosa</i>	Tufted Hair-Grass	flowering plant	12/08/1982	10/07/2008	7
<i>Deschampsia</i>		flowering plant	23/06/2015	-	1
<i>Koeleria macrantha</i>	Crested Hair-grass	flowering plant	16/08/2008	-	1
<i>Trisetum flavescens</i>	Yellow Oat-grass	flowering plant	25/08/2009	-	1
<i>Avena fatua</i>	Wild-oat	flowering plant	19/09/2009	-	1
<i>Arrhenatherum elatius</i>	False Oat-grass	flowering plant	02/04/2005	07/09/2015	20
<i>Dactylis glomerata</i>	Cock's-foot	flowering plant	02/04/2005	07/09/2015	30
<i>Poa trivialis</i>	Rough Meadow-grass	flowering plant	12/08/1982	14/12/2010	20
<i>Poa pratensis</i>	Smooth Meadow-grass	flowering plant	15/06/2015	-	1
<i>Carex strigosa</i>	Thin-spiked Wood-sedge	flowering plant	16/04/2008	-	1
<i>Poa annua</i>	Annual Meadow-grass	flowering plant	02/04/2005	14/12/2010	11
<i>Carex sylvatica</i>	Wood-sedge	flowering plant	12/08/1982	07/09/2015	27
<i>Festuca rubra</i>	Red Fescue	flowering plant	14/07/2004	04/06/2011	18
<i>Festuca pratensis</i>	Meadow Fescue	flowering plant	09/06/2006	-	5
<i>Festuca gigantea</i>	Giant Fescue	flowering plant	12/08/1982	20/08/2009	3
<i>Festuca arundinacea</i>	Tall Fescue	flowering plant	09/06/2006	04/06/2011	10
<i>Festuca rubra agg.</i>	Red Fescue	flowering plant	11/07/2010	-	1
<i>Lolium perenne</i>	Perennial Rye-grass	flowering plant	14/07/2004	27/03/2014	25
<i>Lolium multiflorum</i>	Italian Rye-grass	flowering plant	14/06/2008	-	1
<i>Lolium</i>	Rye-Grass	flowering plant	17/06/2015	-	1
<i>Milium effusum</i>	Wood Millet	flowering plant	28/04/2000	07/05/2008	6
<i>Leersia oryzoides</i>	Cut-grass	flowering plant	13/08/2014	12/07/2015	2
<i>Potamogeton polygonifolius</i>	Bog Pondweed	flowering plant	12/05/2010	-	1
<i>Poa nemoralis</i>	Wood Meadow-grass	flowering plant	12/08/1982	09/07/2010	3
<i>Dactylorhiza fuchsii</i>	Common Spotted-orchid	flowering plant	12/08/1982	23/06/2015	72
<i>Sparganium erectum</i>	Branched Bur-reed	flowering plant	31/12/2005	09/07/2010	4
<i>Allium oleraceum</i>	Field Garlic	flowering plant	09/05/2006	-	1
<i>Crocus vernus</i>	Spring Crocus	flowering plant	10/03/2009	31/01/2016	2
<i>Crocus</i>		flowering plant	11/03/2010	-	1
<i>Iris pseudacorus</i>	Yellow Iris	flowering plant	09/05/2006	10/05/2010	4



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<i>Iris germanica</i>	Bearded Iris	flowering plant	23/05/2003	-	1
<i>Iris foetidissima</i>	Stinking Iris	flowering plant	07/05/2008	10/05/2010	3
<i>Iris</i>		flowering plant	16/04/2008	07/05/2008	3
<i>Sisyrinchium bermudiana</i>	Blue-eyed-grass	flowering plant	01/07/2012	-	1
<i>Ophrys apifera</i>	Bee Orchid	flowering plant	31/05/2007	21/06/2014	14
<i>Anacamptis pyramidalis</i>	Pyramidal Orchid	flowering plant	01/07/2012	31/07/2012	2
<i>Allium ursinum</i>	Ramsons	flowering plant	03/03/1975	03/06/2015	38
<i>Dactylorhiza praetermissa</i>	Southern Marsh-orchid	flowering plant	31/05/2007	11/06/2015	9
<i>Leucojum aestivum</i>	Summer Snowflake	flowering plant	11/04/2010	-	1
<i>Platanthera chlorantha</i>	Greater Butterfly-orchid	flowering plant	29/04/1994	-	1
<i>Spiranthes spiralis</i>	Autumn Lady's-tresses	flowering plant	06/09/2006	-	1
<i>Neottia ovata</i>	Common Twayblade	flowering plant	03/03/1975	16/04/2011	5
<i>Epipactis purpurata</i>	Violet Helleborine	flowering plant	01/08/2010	-	1
<i>Cephalanthera damasonium</i>	White Helleborine	flowering plant	29/05/2012	-	3
<i>Tulipa gesneriana</i>	Garden Tulip	flowering plant	26/04/2004	-	1
<i>Dioscorea communis</i>	Black Bryony	flowering plant	06/06/1991	31/12/2009	9
<i>Nuphar lutea</i>	Yellow Water-lily	flowering plant	09/07/2010	-	1
<i>Nymphaea alba</i>	White Water-lily	flowering plant	10/07/2008	-	1
<i>Nymphaea</i>		flowering plant	27/11/2008	-	1
<i>Geranium molle</i>	Dove's-foot Crane's-bill	flowering plant	02/04/2005	20/08/2009	3
<i>Orchis mascula</i>	Early-purple Orchid	flowering plant	14/05/1985	17/04/2011	25
<i>Muscari armeniacum</i>	Garden Grape-hyacinth	flowering plant	02/04/2005	07/04/2014	3
<i>Anthoxanthum odoratum</i>	Sweet Vernal-grass	flowering plant	14/05/1985	09/07/2015	20
<i>Potamogeton natans</i>	Broad-leaved Pondweed	flowering plant	10/07/2008	27/11/2008	2
<i>Alisma plantago-aquatica</i>	Water-plantain	flowering plant	09/06/2006	31/12/2009	3
<i>Baldellia ranunculoides</i>	Lesser Water-plantain	flowering plant	12/07/2015	-	1
<i>Sagittaria sagittifolia</i>	Arrowhead	flowering plant	04/05/2005	-	1
<i>Lemna minuta</i>	Least Duckweed	flowering plant	01/11/2007	10/07/2008	2
<i>Lemna minor</i>	Common Duckweed	flowering plant	09/06/2006	-	2
<i>Lemna gibba</i>	Fat Duckweed	flowering plant	14/06/2008	-	1
<i>Lemna</i>		flowering plant	27/11/2008	-	2
<i>Arum maculatum</i>	Lords-and-Ladies	flowering plant	12/08/1982	24/05/2016	46
<i>Arum italicum subsp. italicum</i>		flowering plant	31/12/1996	10/03/2009	3
<i>Allium triquetrum</i>	Three-cornered Garlic	flowering plant	06/05/2004	31/03/2009	2
<i>Ruscus aculeatus</i>	Butcher's-broom	flowering plant	16/01/2005	28/04/2010	7
<i>Pontederia cordata</i>	Pickerelweed	flowering plant	31/12/2004	-	1
<i>Muscari</i>	Grape Hyacinth	flowering plant	31/12/2010	-	1
<i>Hyacinthoides non-scripta x hispanica = H. x</i>	Hybrid bluebell	flowering plant	06/06/2003	-	3
<i>Hyacinthoides non-scripta</i>	Bluebell	flowering plant	12/08/1982	24/05/2016	63
<i>Scilla verna</i>	Spring Squill	flowering plant	20/08/2004	-	1
<i>Scilla bithynica</i>	Turkish Squill	flowering plant	29/03/2011	-	1
<i>Polygonatum multiflorum</i>	Solomon's-seal	flowering plant	25/04/2008	-	1
<i>Narcissus pseudonarcissus subsp. pseudonar</i>	Daffodil	flowering plant	02/04/2005	11/04/2010	3
<i>Narcissus pseudonarcissus</i>	Daffodil	flowering plant	18/03/1969	07/05/2008	5

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<i>Narcissus poeticus</i>	Pheasant's-eye Daffodil	flowering plant	16/04/2011	-	1
<i>Narcissus</i>	daffodils	flowering plant	06/03/2004	02/04/2005	2
<i>Galanthus nivalis</i>	Snowdrop	flowering plant	03/02/2004	25/03/2006	4
<i>Lysichiton americanus</i>	American Skunk-cabbage	flowering plant	31/12/2005	07/04/2014	16
<i>Prunus cerasifera</i>	Cherry Plum	flowering plant	06/03/2004	17/02/2008	5
<i>Malus pumila</i>	Apple	flowering plant	02/04/2005	31/12/2009	2
<i>Malus floribunda</i>	Japanese Crab	flowering plant	20/04/2003	-	1
<i>Malus sylvestris</i>	Apple	flowering plant	20/05/1991	29/04/1994	2
<i>Malus</i>	Apple	flowering plant	10/02/2006	07/05/2008	3
<i>Pyrus pyraster</i>	Wild Pear	flowering plant	10/04/2005	19/09/2009	2
<i>Pyrus communis</i>	Pear	flowering plant	31/12/2009	-	1
<i>Pyrus communis</i>	Pear	flowering plant	31/12/2005	19/09/2009	2
<i>Prunus spinosa</i>	Blackthorn	flowering plant	12/08/1982	09/07/2015	32
<i>Prunus padus</i>	Bird Cherry	flowering plant	31/12/2009	30/04/2010	2
<i>Prunus lusitanica</i>	Portugal Laurel	flowering plant	31/12/1997	13/02/2006	3
<i>Holcus lanatus</i>	Yorkshire-fog	flowering plant	12/08/1982	07/09/2015	34
<i>Prunus domestica</i>	Wild Plum	flowering plant	31/12/2009	-	1
<i>Sorbus torminalis</i>	Wild Service-tree	flowering plant	14/05/1985	30/09/2012	21
<i>Prunus avium</i>	Wild Cherry	flowering plant	20/05/1991	30/09/2012	11
<i>Prunus</i>	Planted Cherry	flowering plant	10/02/2006	20/08/2009	2
<i>Kerria japonica</i>		flowering plant	02/04/2005	-	1
<i>Potentilla thuringiaca</i>	Cinquefoil	flowering plant	30/09/2008	-	1
<i>Potentilla tabernaemontani</i>	Spring Cinquefoil	flowering plant	31/12/2007	-	1
<i>Potentilla sterilis</i>	Barren Strawberry	flowering plant	20/05/1991	07/04/2011	21
<i>Potentilla reptans</i>	Creeping Cinquefoil	flowering plant	14/07/2004	20/06/2014	20
<i>Potentilla erecta</i>	Tormentil	flowering plant	14/05/1985	30/09/2008	4
<i>Potentilla anserina</i>	Silverweed	flowering plant	14/05/1985	07/09/2015	12
<i>Potentilla anglica x reptans = P. x mixta</i>	Hybrid Cinquefoil	flowering plant	08/06/2009	-	1
<i>Potentilla anglica</i>	Trailing Tormentil	flowering plant	17/09/2008	-	1
<i>Prunus laurocerasus</i>	Cherry Laurel	flowering plant	06/03/2004	25/05/2012	11
<i>Filipendula ulmaria</i>	Meadowsweet	flowering plant	12/08/1982	03/06/2015	14
<i>Rosa canina agg.</i>	Dog Rose	flowering plant	12/08/1982	25/05/2012	7
<i>Rosa</i>	Rose	flowering plant	09/06/2006	04/06/2011	14
<i>Aphanes arvensis</i>	Parsley-piert	flowering plant	19/09/2009	-	1
<i>Aphanes arvensis agg.</i>	Parsley Piert	flowering plant	02/04/2005	-	1
<i>Agrimonia procera</i>	Fragrant Agrimony	flowering plant	25/08/2009	-	1
<i>Agrimonia eupatoria</i>	Agrimony	flowering plant	09/07/2004	25/08/2009	8
<i>Geum urbanum</i>	Wood Avens	flowering plant	12/08/1982	24/05/2016	38
<i>Fragaria vesca</i>	Wild Strawberry	flowering plant	14/05/1985	26/04/2015	11
<i>Rubus ulmifolius</i>	Bramble	flowering plant	02/04/2005	-	1
<i>Rubus armeniacus</i>	Bramble	flowering plant	16/08/2008	-	1
<i>Rubus idaeus</i>	Raspberry	flowering plant	15/04/2010	25/04/2014	3
<i>Malus sylvestris</i>	Crab Apple	flowering plant	12/08/1982	03/06/2015	5
<i>Rubus</i>	Bramble	flowering plant	25/03/2014	-	1

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<i>Sorbus aucuparia</i>	Rowan	flowering plant	25/04/2008	25/05/2011	4
<i>Crataegus x lavallei</i>	Hybrid Cockspurthorn	flowering plant	31/12/2009	-	1
<i>Crataegus persimilis</i>	Broad-leaved Cockspurthorn	flowering plant	31/12/2009	-	1
<i>Crataegus monogyna x laevigata = C. x media</i>		flowering plant	02/04/2005	19/09/2009	2
<i>Crataegus monogyna</i>	Hawthorn	flowering plant	12/08/1982	24/05/2016	59
<i>Crataegus laevigata</i>	Midland Hawthorn	flowering plant	12/08/1982	17/04/2011	22
<i>Pyracantha rogersiana</i>	Asian Firethorn	flowering plant	02/04/2005	16/08/2008	2
<i>Cotoneaster simonsii</i>	Himalayan cotoneaster	flowering plant	25/05/2011	-	2
<i>Cotoneaster microphyllus</i>	Small-leaved Cotoneaster	flowering plant	16/08/2008	-	1
<i>Cotoneaster horizontalis</i>	Wall Cotoneaster	flowering plant	16/08/2008	-	1
<i>Cotoneaster franchetii</i>	Franchet's Cotoneaster	flowering plant	16/08/2008	-	1
<i>Sedum spectabile</i>	Butterfly Stonecrop	flowering plant	16/08/2008	-	1
<i>Rubus fruticosus agg.</i>	Bramble	flowering plant	12/08/1982	24/05/2016	69
<i>Bromus sterilis</i>	Barren Brome	flowering plant	09/06/2006	-	2
<i>Parthenocissus quinquefolia</i>	Virginia creeper	flowering plant	16/08/2008	-	2
<i>Papaver rhoeas</i>	Common Poppy	flowering plant	31/12/2005	-	1
<i>Ceratophyllum demersum</i>	Rigid Hornwort	flowering plant	27/11/2008	-	1
<i>Digitaria sanguinalis</i>	Hairy Finger-grass	flowering plant	16/08/2008	-	1
<i>Phragmites australis</i>	Common Reed	flowering plant	27/04/2005	25/03/2014	4
<i>Hordeum secalinum</i>	Meadow Barley	flowering plant	09/06/2006	-	2
<i>Hordeum murinum</i>	Wall Barley	flowering plant	25/08/2009	-	1
<i>Hordeum distichon</i>	Two-rowed Barley	flowering plant	09/06/2006	-	7
<i>Hordeum distichon</i>	Two-Rowed Barley	flowering plant	09/06/2006	-	1
<i>Elytrigia repens</i>	Common Couch	flowering plant	09/06/2006	15/06/2015	16
<i>Elymus caninus</i>	Bearded Couch	flowering plant	09/07/2010	-	1
<i>Meconopsis cambrica</i>	Welsh Poppy	flowering plant	11/07/2010	25/05/2011	2
<i>Bromopsis ramosa</i>	Hairy-brome	flowering plant	12/08/1982	30/09/2012	6
<i>Mahonia aquifolium</i>	Oregon-grape	flowering plant	19/04/2003	-	1
<i>Bromus hordeaceus</i>	Lesser Soft-Brome	flowering plant	09/06/2006	15/06/2015	10
<i>Bromus commutatus</i>	Meadow Brome	flowering plant	11/07/2010	-	1
<i>Melica uniflora</i>	Wood Melick	flowering plant	06/06/1991	30/09/2012	26
<i>Glyceria fluitans</i>	Floating Sweet-grass	flowering plant	09/06/2006	24/06/2014	5
<i>Phleum pratense</i>	Timothy	flowering plant	31/12/2005	07/09/2015	13
<i>Phleum bertolonii</i>	Smaller Cat's-tail	flowering plant	25/08/2009	-	1
<i>Alopecurus pratensis</i>	Meadow Foxtail	flowering plant	31/12/2005	17/06/2015	18
<i>Alopecurus geniculatus</i>	Marsh Foxtail	flowering plant	09/06/2006	17/09/2008	7
<i>Agrostis stolonifera</i>	Creeping Bent	flowering plant	14/07/2004	04/06/2011	19
<i>Agrostis capillaris</i>	Common Bent	flowering plant	12/08/1982	25/08/2009	12
<i>Phalaris arundinacea</i>	Reed Canary-grass	flowering plant	11/11/2009	09/07/2010	3
<i>Brachypodium sylvaticum</i>	False-brome	flowering plant	12/08/1982	31/12/2009	21
<i>Ranunculus trichophyllus</i>	Thread-leaved Water-crowfoot	flowering plant	26/03/2011	-	1
<i>Rosa rubiginosa agg.</i>	Sweet-Briar	flowering plant	12/06/2005	-	1
<i>Crassula helmsii</i>	New Zealand Pigmyweed	flowering plant	01/10/2015	19/10/2015	2
<i>Tellima grandiflora</i>	Fringecups	flowering plant	02/05/2009	-	1

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<i>Chrysosplenium oppositifolium</i>	Opposite-leaved Golden-saxifrage	flowering plant	12/08/1982	29/03/2011	13
<i>Saxifraga</i>	Saxifrage	flowering plant	14/05/1985	-	1
<i>Ribes uva-crispa</i>	Gooseberry	flowering plant	12/08/1982	10/05/2010	5
<i>Ribes sanguineum</i>	Flowering Currant	flowering plant	27/04/2005	-	1
<i>Ribes rubrum</i>	Red Currant	flowering plant	12/08/1982	10/05/2010	15
<i>Ribes nigrum</i>	Black Currant	flowering plant	12/08/1982	10/05/2010	5
<i>Ribes</i>		flowering plant	20/08/2009	-	1
<i>Buxus sempervirens</i>	Box	flowering plant	25/08/2009	27/04/2010	3
<i>Papaver somniferum</i>	Opium Poppy	flowering plant	08/07/2011	-	1
<i>Aquilegia vulgaris</i>	Columbine	flowering plant	21/04/2008	23/05/2009	2
<i>Myriophyllum aquaticum</i>	Parrot's-feather	flowering plant	01/10/2015	19/10/2015	2
<i>Ranunculus repens</i>	Creeping Buttercup	flowering plant	12/08/1982	07/09/2015	38
<i>Ranunculus ficaria subsp. ficaria</i>	Lesser Celandine	flowering plant	19/04/2003	-	1
<i>Ranunculus ficaria subsp. bulbifer</i>	Lesser Celandine	flowering plant	10/05/2010	-	2
<i>Ranunculus ficaria</i>	Lesser Celandine	flowering plant	14/05/1985	25/03/2014	33
<i>Ranunculus bulbosus</i>	Bulbous Buttercup	flowering plant	20/05/1991	09/06/2006	7
<i>Ranunculus auricomus</i>	Goldilocks Buttercup	flowering plant	14/05/1985	10/05/2010	15
<i>Ranunculus acris</i>	Meadow Buttercup	flowering plant	14/05/1985	07/09/2015	38
<i>Anemone nemorosa</i>	Wood Anemone	flowering plant	12/08/1982	24/05/2016	51
<i>Nigella damascena</i>	Love-in-a-mist	flowering plant	16/08/2008	-	1
<i>Eranthis hyemalis</i>	Winter Aconite	flowering plant	11/03/2010	-	1
<i>Caltha palustris</i>	Marsh-marigold	flowering plant	14/05/1985	-	1
<i>Thalictrum minus</i>	Lesser Meadow-rue	flowering plant	14/06/2008	-	1
<i>Senecio jacobaea</i>	Ragwort	flowering plant	12/08/1982	09/07/2015	38
<i>Leontodon saxatilis</i>	Lesser Hawkbit	flowering plant	11/08/2006	03/08/2009	4
<i>Tanacetum vulgare</i>	Tansy	flowering plant	20/08/2004	-	1
<i>Artemisia vulgaris</i>	Mugwort	flowering plant	09/07/2004	11/11/2009	5
<i>Achillea millefolium</i>	Yarrow	flowering plant	09/07/2004	03/06/2015	28
<i>Achillea ptarmica</i>	Sneezewort	flowering plant	03/08/2009	12/07/2012	8
<i>Leucanthemum vulgare</i>	Oxeye Daisy	flowering plant	14/05/1985	03/06/2015	21
<i>Matricaria chamomilla</i>	Scented Mayweed	flowering plant	19/09/2009	-	1
<i>Matricaria discoidea</i>	Pineappleweed	flowering plant	11/08/2006	31/12/2009	2
<i>Bellis perennis</i>	Daisy	flowering plant	14/05/1985	03/06/2015	20
<i>Senecio erucifolius</i>	Hoary Ragwort	flowering plant	02/04/2005	07/09/2015	11
<i>Conyza floribunda</i>	Bilbao Fleabane	flowering plant	16/08/2008	-	1
<i>Senecio vulgaris</i>	Groundsel	flowering plant	02/04/2005	11/08/2006	4
<i>Tussilago farfara</i>	Colt's-foot	flowering plant	25/03/2003	14/12/2010	6
<i>Petasites fragrans</i>	Winter Heliotrope	flowering plant	31/12/2007	11/07/2010	3
<i>Bidens tripartita</i>	Trifid Bur-marigold	flowering plant	03/08/2010	31/08/2010	2
<i>Eupatorium cannabinum</i>	Hemp-agrimony	flowering plant	09/07/2004	-	1
<i>Felicia bergeriana</i>	Kingfisher Daisy	flowering plant	29/01/2002	07/11/2002	2
<i>Adoxa moschatellina</i>	Moschatel	flowering plant	14/05/1985	27/03/2011	15
<i>Sambucus nigra</i>	Elder	flowering plant	12/08/1982	09/07/2015	37
<i>Tripleurospermum inodorum</i>	Scentless Mayweed	flowering plant	25/07/2005	30/09/2008	7

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<i>Crepis capillaris</i>	Smooth Hawk's-beard	flowering plant	25/08/2009	-	1
<i>Picris echioides</i>	Bristly Oxtongue	flowering plant	20/08/2004	03/06/2015	13
<i>Picris hieracioides</i>	Hawkweed Oxtongue	flowering plant	31/12/2007	30/09/2008	2
<i>Tragopogon pratensis</i>	Goat's-beard	flowering plant	09/06/2006	31/12/2010	4
<i>Sonchus asper</i>	Prickly Sow-thistle	flowering plant	11/08/2006	04/06/2011	2
<i>Sonchus oleraceus</i>	Smooth Sow-thistle	flowering plant	02/04/2005	03/06/2015	4
<i>Lactuca serriola</i>	Prickly Lettuce	flowering plant	12/08/1982	31/12/2008	3
<i>Mycelis muralis</i>	Wall Lettuce	flowering plant	11/07/2010	-	1
<i>Taraxacum</i>	Dandelion Agg.	flowering plant	06/03/2004	25/03/2014	6
<i>Tanacetum parthenium</i>	Feverfew	flowering plant	11/07/2010	-	1
<i>Taraxacum officinale agg.</i>	Dandelion	flowering plant	14/05/1985	07/09/2015	28
<i>Symphoricarpos albus</i>	Snowberry	flowering plant	07/05/2008	-	1
<i>Crepis vesicaria</i>	Beaked Hawk's-beard	flowering plant	03/08/2009	-	4
<i>Pilosella aurantiaca</i>	Fox-and-cubs	flowering plant	16/08/2008	-	1
<i>Gnaphalium uliginosum</i>	Marsh Cudweed	flowering plant	31/12/2009	-	1
<i>Pulicaria</i>		flowering plant	20/08/2009	-	1
<i>Pulicaria dysenterica</i>	Common Fleabane	flowering plant	20/08/2004	07/09/2015	18
<i>Solidago</i>	Goldenrod	flowering plant	20/08/2009	-	1
<i>Erigeron acris</i>	Blue Fleabane	flowering plant	16/08/2008	-	1
<i>Conyza canadensis</i>	Canadian Fleabane	flowering plant	11/08/2006	25/08/2009	2
<i>Taraxacum agg.</i>		flowering plant	02/04/2005	27/04/2005	3
<i>Symphytum officinale x asperum x grandiflorum</i>	Hidcote Comfrey	flowering plant	02/05/2009	-	1
<i>Conium maculatum</i>	Hemlock	flowering plant	02/04/2005	09/05/2006	2
<i>Apium nodiflorum</i>	Fool's-water-cress	flowering plant	27/04/2005	-	1
<i>Sison amomum</i>	Stone Parsley	flowering plant	31/12/2008	25/08/2009	2
<i>Pastinaca sativa</i>	Wild Parsnip	flowering plant	09/07/2004	11/08/2006	5
<i>Heracleum sphondylium</i>	Hogweed	flowering plant	12/08/1982	07/09/2015	35
<i>Torilis arvensis</i>	Spreading Hedge-parsley	flowering plant	03/08/2009	-	1
<i>Torilis japonica</i>	Upright Hedge-parsley	flowering plant	20/08/2004	04/06/2011	9
<i>Daucus carota</i>	Carrot	flowering plant	02/04/2005	31/12/2009	6
<i>Viburnum lantana</i>	Wayfaring-tree	flowering plant	02/04/2005	31/12/2009	2
<i>Symphytum officinale x asperum = S. x uplan</i>	Russian Comfrey	flowering plant	06/06/2003	-	1
<i>Oenanthe pimpinelloides</i>	Corky-fruited Water-dropwort	flowering plant	04/06/2011	-	1
<i>Myosotis arvensis</i>	Field Forget-me-not	flowering plant	25/07/2005	23/06/2015	6
<i>Myosotis discolor</i>	Changing Forget-me-not	flowering plant	03/06/2015	-	1
<i>Myosotis laxa</i>	Tufted Forget-me-not	flowering plant	12/07/2015	-	1
<i>Myosotis scorpioides</i>	Water Forget-me-not	flowering plant	09/06/2006	-	2
<i>Myosotis sylvatica</i>	Wood Forget-me-not	flowering plant	02/04/2005	-	2
<i>Cynoglossum officinale</i>	Hound's-tongue	flowering plant	14/05/1985	-	1
<i>Geranium macrorrhizum</i>	Rock Crane's-bill	flowering plant	02/04/2005	-	1
<i>Salix fragilis</i>	Crack-willow	flowering plant	11/08/2006	31/12/2009	4
<i>Daucus carota subsp. carota</i>	Wild Carrot	flowering plant	20/08/2004	03/08/2009	6
<i>Hedera helix</i>	Ivy	flowering plant	12/08/1982	07/09/2015	43
<i>Angelica sylvestris</i>	Wild Angelica	flowering plant	06/06/1991	09/06/2006	3

Latin Name	Common Name	Taxon Group	First Date	Last Date	No. of Rec's
<i>Symphoricarpos microphyllus x orbiculatus</i> =	Hybrid Coralberry	flowering plant	31/12/1999	-	1
<i>Leycesteria formosa</i>	Himalayan Honeysuckle	flowering plant	08/12/2013	-	1
<i>Lonicera nitida</i>	Wilson's Honeysuckle	flowering plant	31/12/1997	02/04/2005	2
<i>Lonicera periclymenum</i>	Honeysuckle	flowering plant	12/08/1982	07/09/2015	37
<i>Valeriana officinalis</i>	Common Valerian	flowering plant	10/03/2009	-	1
<i>Dipsacus fullonum</i>	Wild Teasel	flowering plant	02/04/2005	03/06/2015	6
<i>Dipsacus fullonum</i>	Wild Teasel	flowering plant	20/08/2004	03/08/2009	8
<i>Silaum silaus</i>	Pepper-saxifrage	flowering plant	03/08/2009	04/06/2011	7
<i>Hedera colchica</i>	Persian Ivy	flowering plant	29/03/2011	-	1
<i>Foeniculum vulgare</i>	Fennel	flowering plant	31/12/2010	13/07/2012	2
<i>Hedera hibernica</i>	Atlantic Ivy	flowering plant	02/04/2005	-	2
<i>Sanicula europaea</i>	Sanicle	flowering plant	14/05/1985	10/05/2010	3
<i>Chaerophyllum temulum</i>	Rough Chervil	flowering plant	25/08/2009	-	1
<i>Anthriscus sylvestris</i>	Cow Parsley	flowering plant	06/06/1991	07/09/2015	32
<i>Conopodium majus</i>	Pignut	flowering plant	14/05/1985	10/03/2009	12
<i>Pimpinella saxifraga</i>	Burnet-saxifrage	flowering plant	30/08/2009	-	1
<i>Aegopodium podagraria</i>	Ground-elder	flowering plant	02/04/2005	11/08/2010	5
<i>Oenanthe crocata</i>	Hemlock Water-dropwort	flowering plant	28/04/2000	09/06/2006	8
<i>Viburnum opulus</i>	Gelder-rose	flowering plant	06/06/1991	25/03/2014	8
<i>Knautia arvensis</i>	Field Scabious	flowering plant	30/07/2009	30/08/2009	3
<i>Reseda luteola</i>	Weld	flowering plant	15/07/2007	-	1
<i>Rhus typhina</i>	Stag's-horn Sumach	flowering plant	31/12/1997	-	1
<i>Aesculus hippocastanum</i>	Horse-chestnut	flowering plant	12/08/1982	10/05/2010	11
<i>Acer campestre</i>	Field Maple	flowering plant	12/08/1982	07/09/2015	63
<i>Acer platanoides</i>	Norway Maple	flowering plant	02/04/2005	10/05/2010	6
<i>Malva moschata</i>	Musk-mallow	flowering plant	31/12/2005	09/07/2010	6
<i>Alcea rosea</i>	Hollyhock	flowering plant	12/07/2008	-	1
<i>Tilia</i>	Lime	flowering plant	23/05/2003	-	1
<i>Tilia cordata</i>	Small-leaved Lime	flowering plant	12/08/1982	17/10/2013	13
<i>Lunaria annua</i>	Honesty	flowering plant	02/04/2005	02/05/2015	2
<i>Daphne laureola</i>	Spurge-laurel	flowering plant	01/11/2007	28/04/2010	3
<i>Chamerion angustifolium</i>	Rosebay Willowherb	flowering plant	02/04/2005	13/08/2014	4
<i>Arabidopsis thaliana</i>	Thale Cress	flowering plant	27/03/2011	-	1
<i>Capsella bursa-pastoris</i>	Shepherd's-purse	flowering plant	02/04/2005	25/08/2009	4
<i>Barbarea vulgaris</i>	Winter-cress	flowering plant	11/08/2006	-	1
<i>Armoracia rusticana</i>	Horse-radish	flowering plant	04/06/2011	-	1
<i>Cardamine flexuosa</i>	Wavy Bitter-cress	flowering plant	12/08/1982	28/04/2010	9
<i>Cardamine hirsuta</i>	Hairy Bitter-cress	flowering plant	02/04/2005	17/06/2015	5
<i>Cardamine pratensis</i>	Cuckooflower	flowering plant	14/05/1985	03/06/2015	35
<i>Lepidium didymum</i>	Lesser Swine-cress	flowering plant	19/04/2003	31/12/2008	3
<i>Tilia platyphyllos x cordata</i> = <i>T. x europaea</i>	Lime	flowering plant	16/04/2008	25/08/2009	5
<i>Epilobium ciliatum</i>	American Willowherb	flowering plant	11/08/2006	25/08/2009	2
<i>Heracleum mantegazzianum</i>	Giant Hogweed	flowering plant	09/05/2006	23/05/2013	3
<i>Leontodon hispidus</i>	Rough Hawkbit	flowering plant	31/12/2007	30/09/2008	3

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<i>Geranium pratense</i>	Meadow Crane's-bill	flowering plant	31/12/2005	03/06/2015	11
<i>Geranium pusillum</i>	Small-flowered Crane's-bill	flowering plant	31/12/2009	-	1
<i>Geranium robertianum</i>	Herb-Robert	flowering plant	12/08/1982	02/05/2015	27
<i>Geranium rotundifolium</i>	Round-leaved Crane's-bill	flowering plant	11/08/2006	-	1
<i>Erodium cicutarium</i>	Common Stork's-bill	flowering plant	16/08/2008	09/07/2010	3
<i>Lythrum portula</i>	Water-purslane	flowering plant	31/12/2009	-	1
<i>Circaea lutetiana</i>	Enchanter's-nightshade	flowering plant	12/08/1982	25/03/2014	12
<i>Epilobium</i>	Willowherb	flowering plant	09/06/2006	07/09/2015	4
<i>Oenothera biennis</i>	Common Evening-primrose	flowering plant	31/12/2005	-	1
<i>Epilobium hirsutum</i>	Great Willowherb	flowering plant	09/07/2004	11/11/2009	15
<i>Epilobium montanum</i>	Broad-leaved Willowherb	flowering plant	14/07/2004	25/08/2009	5
<i>Epilobium obscurum</i>	Short-fruited Willowherb	flowering plant	25/08/2009	-	1
<i>Epilobium palustre</i>	Marsh Willowherb	flowering plant	31/12/2009	-	1
<i>Geranium nodosum</i>	Knotted Crane's-bill	flowering plant	16/08/2008	-	1
<i>Epilobium parviflorum</i>	Hoary Willowherb	flowering plant	25/07/2005	04/06/2011	7
<i>Geranium dissectum</i>	Cut-leaved Crane's-bill	flowering plant	02/04/2005	17/06/2015	9
<i>Epilobium parviflorum x montanum = E. x limo</i>	Willowherb	flowering plant	01/11/2007	-	1
<i>Malva sylvestris</i>	Common Mallow	flowering plant	14/05/1985	25/08/2009	4
<i>Lythrum salicaria</i>	Purple-loosestrife	flowering plant	16/08/2008	-	1
<i>Cirsium palustre</i>	Marsh Thistle	flowering plant	12/08/1982	03/08/2009	14
<i>Solanum dulcamara</i>	Bittersweet	flowering plant	12/08/1982	09/07/2015	10
<i>Solanum nigrum</i>	Black Nightshade	flowering plant	31/12/2008	-	1
<i>Ilex aquifolium</i>	Holly	flowering plant	12/08/1982	07/09/2015	47
<i>Ilex aquifolium x perado = I. x altaclerensis</i>	Highclere Holly	flowering plant	30/09/2012	-	1
<i>Menyanthes trifoliata</i>	Bogbean	flowering plant	10/07/2008	27/11/2008	2
<i>Scorzonerooides autumnalis</i>	Autumn Hawkbit	flowering plant	25/08/2009	-	1
<i>Arctium lappa</i>	Greater Burdock	flowering plant	06/06/2003	31/12/2005	2
<i>Arctium minus</i>	Lesser Burdock	flowering plant	12/08/1982	11/08/2010	8
<i>Calystegia silvatica</i>	Large Bindweed	flowering plant	25/08/2009	-	1
<i>Cirsium arvense</i>	Creeping thistle	flowering plant	09/07/2004	07/09/2015	66
<i>Serratula tinctoria</i>	Saw-wort	flowering plant	02/04/2005	30/09/2008	3
<i>Cirsium vulgare</i>	Spear thistle	flowering plant	20/08/2004	07/09/2015	25
<i>Erophila verna</i>	Common Whitlowgrass	flowering plant	02/04/2005	-	1
<i>Centaurea</i>	Knapweed	flowering plant	07/09/2015	-	1
<i>Acer pseudoplatanus</i>	Sycamore	flowering plant	12/08/1982	26/04/2015	21
<i>Centaurea scabiosa</i>	Greater Knapweed	flowering plant	31/12/2008	-	1
<i>Cichorium intybus</i>	Chicory	flowering plant	10/07/2004	14/07/2010	3
<i>Lapsana communis</i>	Nipplewort	flowering plant	20/08/2004	07/05/2008	6
<i>Hypochaeris radicata</i>	Cat's-ear	flowering plant	02/04/2005	09/06/2006	8
<i>Leontodon</i>		flowering plant	09/06/2006	-	2
<i>Cirsium acaule</i>	Dwarf Thistle	flowering plant	20/08/2004	-	1
<i>Sherardia arvensis</i>	Field Madder	flowering plant	11/05/2006	-	1
<i>Centaurea nigra</i>	Common Knapweed	flowering plant	20/08/2004	09/07/2015	59
<i>Calystegia sepium</i>	Hedge Bindweed	flowering plant	20/08/2004	07/09/2015	11

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<i>Brassica nigra</i>	Black Mustard	flowering plant	09/07/2010	-	1
<i>Sinapis arvensis</i>	Charlock	flowering plant	19/04/2003	19/09/2009	3
<i>Sisymbrium officinale</i>	Hedge Mustard	flowering plant	09/05/2006	09/06/2006	3
<i>Cornus sanguinea</i>	Dogwood	flowering plant	12/08/1982	07/09/2015	16
<i>Galium aparine</i>	Cleavers	flowering plant	12/08/1982	24/05/2016	49
<i>Galium mollugo</i>	Hedge Bedstraw	flowering plant	25/08/2009	31/12/2009	2
<i>Galium palustre</i>	Marsh-bedstraw	flowering plant	28/04/2000	09/06/2006	5
<i>Vinca major</i>	Greater Periwinkle	flowering plant	02/04/2005	16/04/2008	3
<i>Galium verum</i>	Lady's Bedstraw	flowering plant	20/08/2004	03/06/2015	7
<i>Centaurium</i>	Centaury	flowering plant	20/05/1991	-	1
<i>Brassica napus subsp. oleifera</i>	Oil-seed Rape	flowering plant	17/04/2007	-	1
<i>Convolvulus arvensis</i>	Field Bindweed	flowering plant	09/05/2006	09/07/2015	14
<i>Centaurium erythraea</i>	Common Centaury	flowering plant	31/12/2007	09/07/2015	3
<i>Vinca minor</i>	Lesser Periwinkle	flowering plant	18/03/1969	14/05/1985	2
<i>Brassica napus</i>	Rape	flowering plant	25/08/2009	-	1
<i>Centaurium pulchellum</i>	Lesser Centaury	flowering plant	16/08/2008	-	1
<i>Galium saxatile</i>	Heath Bedstraw	flowering plant	12/06/2005	16/08/2008	2
<i>Alliaria petiolata</i>	Garlic Mustard	flowering plant	06/06/1991	02/05/2015	22
<i>Cepaea (Cepaea) hortensis</i>	White-lipped Snail	mollusc	14/04/2015	-	1
<i>Pisidium</i>	Indet. Pea Mussel	mollusc	17/04/2011	18/04/2011	2
<i>Hirudo medicinalis</i>	medicinal leech	annelid	07/05/2004	-	1
<i>Phytoptus avellanae</i>		acarine (Acari)	14/09/2012	-	1
<i>Phyllocoptes goniothorax</i>		acarine (Acari)	14/09/2012	-	1
<i>Eriophyes similis</i>		acarine (Acari)	14/09/2012	-	1
<i>Eriophyes torminalis</i>		acarine (Acari)	14/09/2012	-	1
<i>Aceria macrocheluserinea</i>		acarine (Acari)	14/09/2012	-	1
<i>Eriophyes tiliae subsp. tiliae</i>		acarine (Acari)	14/08/2010	-	1
<i>Eriophyes laevis</i>		acarine (Acari)	14/09/2012	03/06/2015	2
<i>Aceria nalepai</i>		acarine (Acari)	14/09/2012	-	1
<i>Aceria macrorhyncha</i>		acarine (Acari)	26/04/2015	-	1
<i>Aceria macrochela</i>		acarine (Acari)	14/09/2012	-	1
<i>Acalitus brevitarsus</i>		acarine (Acari)	14/09/2012	-	1
<i>Aceria myriadeum</i>		acarine (Acari)	14/09/2012	-	1
<i>Eriophyes leiosoma</i>		acarine (Acari)	14/09/2012	-	1
<i>Argiope bruennichi</i>	Wasp Spider	spider (Araneae)	10/09/2006	19/09/2015	19
<i>Marpissa muscosa</i>		spider (Araneae)	05/10/2007	07/10/2008	2
<i>Nuctenea umbratica</i>	Walnut Orb-Weaver Spider	spider (Araneae)	30/05/2005	-	1
<i>Dicranopalpus ramosus</i>		harvestman (Opiliones)	07/09/2009	-	1
<i>Daphnia (Ctenodaphnia) atkinsoni</i>		crustacean	10/07/2008	-	1
<i>Libellula fulva</i>	Scarce Chaser	insect - dragonfly (Odonata)	06/06/2006	16/07/2013	27
<i>Somatochlora metallica</i>	Brilliant Emerald	insect - dragonfly (Odonata)	01/07/2011	21/07/2014	5
<i>Lestes sponsa</i>	Emerald Damselfly	insect - dragonfly (Odonata)	13/07/1996	27/07/2006	2
<i>Libellula depressa</i>	Broad-bodied Chaser	insect - dragonfly (Odonata)	08/06/1982	08/06/2014	62
<i>Cordulia aenea</i>	Downy Emerald	insect - dragonfly (Odonata)	08/06/1982	11/06/2015	38



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<i>Calopteryx splendens</i>	Banded Demoiselle	insect - dragonfly (Odonata)	08/06/2005	29/08/2015	16
<i>Libellula quadrimaculata</i>	Four-spotted Chaser	insect - dragonfly (Odonata)	23/05/2009	05/07/2012	9
<i>Orthetrum cancellatum</i>	Black-tailed Skimmer	insect - dragonfly (Odonata)	22/07/2005	09/07/2015	54
<i>Sympetrum sanguineum</i>	Ruddy Darter	insect - dragonfly (Odonata)	31/12/1992	04/08/2015	35
<i>Platycnemis pennipes</i>	White-legged Damselfly	insect - dragonfly (Odonata)	31/05/2007	03/06/2015	73
<i>Sympetrum striolatum</i>	Common Darter	insect - dragonfly (Odonata)	31/12/1992	19/09/2015	113
<i>Pyrrhosoma nymphula</i>	Large Red Damselfly	insect - dragonfly (Odonata)	31/12/1992	11/06/2015	56
<i>Ischnura elegans</i>	Blue-tailed Damselfly	insect - dragonfly (Odonata)	31/12/1972	09/08/2015	91
<i>Erythromma najas</i>	Red-eyed Damselfly	insect - dragonfly (Odonata)	31/12/1972	18/05/2014	31
<i>Enallagma cyathigerum</i>	Common Blue Damselfly	insect - dragonfly (Odonata)	31/12/1972	09/07/2015	42
<i>Calopteryx virgo</i>	Beautiful Demoiselle	insect - dragonfly (Odonata)	09/06/1996	09/07/2015	69
<i>Brachytrion pratense</i>	Hairy Dragonfly	insect - dragonfly (Odonata)	29/05/2006	30/05/2012	10
<i>Anax imperator</i>	Emperor Dragonfly	insect - dragonfly (Odonata)	31/12/1974	29/08/2015	41
<i>Aeshna mixta</i>	Migrant Hawker	insect - dragonfly (Odonata)	31/12/1992	03/10/2015	50
<i>Aeshna grandis</i>	Brown Hawker	insect - dragonfly (Odonata)	31/12/1974	29/08/2015	77
<i>Aeshna cyanea</i>	Southern Hawker	insect - dragonfly (Odonata)	31/12/1992	19/09/2015	67
<i>Corduliidae</i>		insect - dragonfly (Odonata)	14/06/2009	05/07/2009	7
<i>Coenagrion puella</i>	Azure Damselfly	insect - dragonfly (Odonata)	31/12/1992	03/06/2015	100
<i>Omocestus viridulus</i>	Common Green Grasshopper	insect - orthopteran	16/08/2016	-	1
<i>Pholidoptera griseoaptera</i>	Dark Bush-cricket	insect - orthopteran	19/07/2009	31/08/2009	4
<i>Metrioptera roeselii</i>	Roesel's Bush-cricket	insect - orthopteran	28/06/2007	16/08/2016	20
<i>Conocephalus fuscus</i>	Long-winged Cone-head	insect - orthopteran	28/06/2007	12/08/2014	2
<i>Chorthippus parallelus</i>	Meadow Grasshopper	insect - orthopteran	28/06/2007	16/08/2016	8
<i>Chorthippus brunneus</i>	Field Grasshopper	insect - orthopteran	08/07/2009	-	1
<i>Chorthippus albomarginatus</i>	Lesser Marsh Grasshopper	insect - orthopteran	09/07/2015	-	1
<i>Leptophyes punctatissima</i>	Speckled Bush-cricket	insect - orthopteran	28/06/2007	19/07/2009	2
<i>Forficula auricularia</i>	Common Earwig	insect - earwig (Dermaptera)	28/06/2007	-	1
<i>Eysarcoris venustissimus</i>	Woundwort Shieldbug	insect - true bug (Hemiptera)	03/06/2015	-	1
<i>Miridius quadrivirgatus</i>		insect - true bug (Hemiptera)	28/06/2007	-	1
<i>Plagiognathus (Plagiognathus) arbustorum</i>		insect - true bug (Hemiptera)	28/06/2007	17/07/2014	2
<i>Plagiognathus (Plagiognathus) chrysanthemi</i>		insect - true bug (Hemiptera)	28/06/2007	17/07/2014	2
<i>Stenodema (Stenodema) laevigata</i>		insect - true bug (Hemiptera)	17/07/2014	-	1
<i>Stenotus binotatus</i>	Timothy Grassbug	insect - true bug (Hemiptera)	28/06/2007	17/07/2014	2
<i>Notonecta (Notonecta) glauca</i>	Common Backswimmer	insect - true bug (Hemiptera)	27/11/2008	-	1
<i>Dolycoris baccarum</i>	Sloe Shieldbug	insect - true bug (Hemiptera)	03/06/2015	-	1
<i>Eurydema (Eurydema) oleracea</i>	Cabbage Bug	insect - true bug (Hemiptera)	26/07/2009	-	1
<i>Palomena prasina</i>	Green Shieldbug	insect - true bug (Hemiptera)	17/07/2014	-	1
<i>Piezodorus lituratus</i>	Gorse Shieldbug	insect - true bug (Hemiptera)	06/03/2011	27/04/2012	3
<i>Corizus hyoscyami</i>		insect - true bug (Hemiptera)	18/05/2012	-	1
<i>Rhopalus (Rhopalus) subrufus</i>		insect - true bug (Hemiptera)	28/06/2007	-	1
<i>Eurygaster maura</i>		insect - true bug (Hemiptera)	26/07/2009	-	1
<i>Eurygaster testudinaria</i>	Tortoise Bug	insect - true bug (Hemiptera)	17/07/2014	-	1
<i>Lygocoris (Lygocoris) pabulinus</i>	Common Green Capsid	insect - true bug (Hemiptera)	31/12/2009	-	2
<i>Veliidae</i>	Water crickets	insect - true bug (Hemiptera)	22/04/2011	-	1

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<i>Pentatoma rufipes</i>	Forest Bug	insect - true bug (Hemiptera)	03/08/2005	03/06/2015	7
<i>Trioza remota</i>		insect - true bug (Hemiptera)	14/09/2012	-	1
<i>Asterodiaspis sp.</i>		insect - true bug (Hemiptera)	14/09/2012	-	1
<i>Psyllopsis fraxini</i>		insect - true bug (Hemiptera)	14/09/2012	-	1
<i>Acanthosoma haemorrhoidale</i>	Hawthorn Shieldbug	insect - true bug (Hemiptera)	31/12/2009	18/09/2014	2
<i>Cyphostethus tristriatus</i>	Juniper Shieldbug	insect - true bug (Hemiptera)	13/09/2006	-	1
<i>Elasmostethus interstinctus</i>	Birch Shieldbug	insect - true bug (Hemiptera)	18/09/2014	-	1
<i>Leptopterna dolabrata</i>	Meadow Plant Bug	insect - true bug (Hemiptera)	28/06/2007	-	1
<i>Philaenus spumarius</i>	Cuckoo-Spit Insect	insect - true bug (Hemiptera)	31/08/2009	-	2
<i>Cercopis vulnerata</i>		insect - true bug (Hemiptera)	25/06/2009	03/06/2015	4
<i>Balclutha punctata</i>		insect - true bug (Hemiptera)	17/07/2014	-	1
<i>Cicadella viridis</i>		insect - true bug (Hemiptera)	16/08/2016	-	1
<i>Evacanthus interruptus</i>		insect - true bug (Hemiptera)	28/06/2007	-	1
<i>Capsus ater</i>		insect - true bug (Hemiptera)	28/06/2007	-	1
<i>Dicyphus (Dicyphus) epilobii</i>		insect - true bug (Hemiptera)	28/06/2007	-	1
<i>Aphrophora alni</i>		insect - true bug (Hemiptera)	28/06/2007	-	1
<i>Iassus lanio</i>		insect - true bug (Hemiptera)	28/06/2007	-	1
<i>Closterotomus norwegicus</i>	Potato Capsid	insect - true bug (Hemiptera)	28/06/2007	17/07/2014	2
<i>Atractotomus mali</i>		insect - true bug (Hemiptera)	28/06/2007	-	1
<i>Amblytylus nasutus</i>		insect - true bug (Hemiptera)	28/06/2007	-	1
<i>Javesella pellucida</i>		insect - true bug (Hemiptera)	17/07/2014	-	1
<i>Gonocerus acuteangulatus</i>	Box Bug	insect - true bug (Hemiptera)	10/04/2011	-	1
<i>Coreus marginatus</i>	Dock Bug	insect - true bug (Hemiptera)	28/06/2007	03/06/2015	7
<i>Deraeocoris (Deraeocoris) ruber</i>		insect - true bug (Hemiptera)	28/06/2007	-	1
<i>Chrysopa pallens</i>		insect - lacewing (Neuroptera)	16/08/2010	-	1
<i>Adalia bipunctata</i>	2-spot Ladybird	insect - beetle (Coleoptera)	19/06/2009	31/12/2009	3
<i>Monotoma (Monotoma) brevicollis</i>		insect - beetle (Coleoptera)	27/09/2007	-	1
<i>Malthodes minimus</i>		insect - beetle (Coleoptera)	28/06/2007	-	2
<i>Meligethes aeneus</i>	Common Pollen Beetle	insect - beetle (Coleoptera)	28/06/2007	-	2
<i>Rhyzobius litura</i>		insect - beetle (Coleoptera)	28/06/2007	-	2
<i>Tytthaspis sedecimpunctata</i>	16-spot Ladybird	insect - beetle (Coleoptera)	28/06/2007	13/04/2016	3
<i>Propylea quattuordecimpunctata</i>	14-spot Ladybird	insect - beetle (Coleoptera)	30/04/2007	03/06/2015	4
<i>Halyzia sedecimguttata</i>	Orange Ladybird	insect - beetle (Coleoptera)	05/12/2006	27/07/2010	3
<i>Coccinella septempunctata</i>	7-spot Ladybird	insect - beetle (Coleoptera)	16/07/2006	13/04/2016	16
<i>Psyllobora vigintiduopunctata</i>	22-spot Ladybird	insect - beetle (Coleoptera)	31/07/2009	03/06/2015	3
<i>Rhagonycha fulva</i>	Common Red Soldier Beetle	insect - beetle (Coleoptera)	28/06/2007	09/07/2015	4
<i>Cantharis pellucida</i>		insect - beetle (Coleoptera)	03/06/2015	-	1
<i>Cantharis nigra</i>		insect - beetle (Coleoptera)	28/06/2007	-	2
<i>Lampyrus noctiluca</i>	Glow-worm	insect - beetle (Coleoptera)	03/07/1990	15/09/2013	16
<i>Athous (Orthathous) bicolor</i>		insect - beetle (Coleoptera)	28/06/2007	-	2
<i>Agrilus (Anambus) laticornis</i>		insect - beetle (Coleoptera)	28/06/2007	-	2
<i>Melolontha melolontha</i>	Common Cockchafer	insect - beetle (Coleoptera)	22/04/2007	13/05/2011	2
<i>Onthophagus (Paleonthophagus) coenobita</i>		insect - beetle (Coleoptera)	15/06/2012	-	1
<i>Harmonia axyridis</i>	Harlequin Ladybird	insect - beetle (Coleoptera)	06/12/2006	21/05/2016	12

Latin Name	Common Name	Taxon Group	First Date	Last Date	No. of Rec's
<i>Lucanus cervus</i>	Stag Beetle	insect - beetle (Coleoptera)	15/06/2006	19/06/2015	11
<i>Pilemostoma fastuosa</i>		insect - beetle (Coleoptera)	06/06/2008	03/06/2015	2
<i>Geotrupes stercorarius</i>	Lousy Watchman	insect - beetle (Coleoptera)	29/08/2006	-	1
<i>Altica lythri</i>		insect - beetle (Coleoptera)	28/06/2007	-	2
<i>Scydmaenus (Scydmaenus) tarsatus</i>		insect - beetle (Coleoptera)	27/09/2007	-	1
<i>Meligethes ochropus</i>		insect - beetle (Coleoptera)	28/06/2007	-	2
<i>Protapion apricans</i>	Clover Seed Weevil	insect - beetle (Coleoptera)	28/06/2007	-	2
<i>Ischnopterapion (Chlorapion) virens</i>		insect - beetle (Coleoptera)	28/06/2007	-	2
<i>Ischnopterapion (Ischnopterapion) modestum</i>		insect - beetle (Coleoptera)	28/06/2007	-	2
<i>Ischnopterapion (Ischnopterapion) loti</i>		insect - beetle (Coleoptera)	14/09/2012	-	1
<i>Oxystoma subulatum</i>		insect - beetle (Coleoptera)	28/06/2007	-	1
<i>Eutrichapion (Eutrichapion) viciae</i>		insect - beetle (Coleoptera)	28/06/2007	-	2
<i>Longitarsus pratensis</i>		insect - beetle (Coleoptera)	28/06/2007	-	2
<i>Exapion (Ulapion) ulicis</i>	Orchard Weevil	insect - beetle (Coleoptera)	27/04/2012	-	1
<i>Oedemera (Oedemera) lurida</i>		insect - beetle (Coleoptera)	28/06/2007	13/07/2012	3
<i>Bruchus loti</i>		insect - beetle (Coleoptera)	28/06/2007	-	2
<i>Bruchidius varius</i>		insect - beetle (Coleoptera)	28/06/2007	-	2
<i>Clytus arietis</i>	Wasp Beetle	insect - beetle (Coleoptera)	03/06/2007	-	1
<i>Rutpela maculata</i>		insect - beetle (Coleoptera)	28/06/2007	30/06/2009	4
<i>Leptura quadrifasciata</i>		insect - beetle (Coleoptera)	15/07/2014	-	1
<i>Omonadus floralis</i>		insect - beetle (Coleoptera)	27/09/2007	-	2
<i>Pyrochroa serraticornis</i>	Red-headed Cardinal Beetle	insect - beetle (Coleoptera)	14/05/2011	30/05/2012	3
<i>Pyrochroa coccinea</i>	Black-headed Cardinal Beetle	insect - beetle (Coleoptera)	25/05/2009	-	1
<i>Oedemera (Oedemera) nobilis</i>	Swollen-thighed Beetle	insect - beetle (Coleoptera)	22/05/2007	03/06/2015	5
<i>Eutrichapion (Eutrichapion) ervi</i>		insect - beetle (Coleoptera)	28/06/2007	-	2
<i>Sitona suturalis</i>		insect - beetle (Coleoptera)	28/06/2007	-	2
<i>Oxytelus sculptus</i>		insect - beetle (Coleoptera)	27/09/2007	-	1
<i>Oligota parva</i>		insect - beetle (Coleoptera)	27/09/2007	-	1
<i>Cordalia obscura</i>		insect - beetle (Coleoptera)	27/09/2007	-	1
<i>Trichiusa immigrata</i>		insect - beetle (Coleoptera)	27/09/2007	-	2
<i>Nehemitropia lividipennis</i>		insect - beetle (Coleoptera)	27/09/2007	-	2
<i>Microdota amricula</i>		insect - beetle (Coleoptera)	27/09/2007	-	1
<i>Dimetrota cauta</i>		insect - beetle (Coleoptera)	27/09/2007	-	1
<i>Dalotia coriaria</i>		insect - beetle (Coleoptera)	27/09/2007	-	1
<i>Chaetida longicornis</i>		insect - beetle (Coleoptera)	27/09/2007	-	1
<i>Lithocharis nigriceps</i>		insect - beetle (Coleoptera)	27/09/2007	-	1
<i>Hypera (Hypera) postica</i>	Clover Leaf Weevil	insect - beetle (Coleoptera)	28/06/2007	-	2
<i>Amischa analis</i>		insect - beetle (Coleoptera)	27/09/2007	-	1
<i>Sitona lineatus</i>	Pea and Bean Weevil	insect - beetle (Coleoptera)	28/06/2007	-	2
<i>Euophryum confine</i>	Wood-Boring Weevil	insect - beetle (Coleoptera)	28/06/2007	-	1
<i>Zacladus exiguus</i>	Bloody Cranesbill Weevil	insect - beetle (Coleoptera)	28/06/2007	-	2
<i>Thamiocolus viduatus</i>		insect - beetle (Coleoptera)	28/06/2007	-	2
<i>Nedyus quadrimaculatus</i>	Small Nettle Weevil	insect - beetle (Coleoptera)	28/06/2007	-	2
<i>Mecinus pascuorum</i>		insect - beetle (Coleoptera)	28/06/2007	-	2

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<i>Anthonomus (Anthonomus) rubi</i>	Strawberry-blossom Weevil	insect - beetle (Coleoptera)	28/06/2007	-	2
<i>Curculio glandium</i>	Acorn Weevil	insect - beetle (Coleoptera)	28/06/2007	-	2
<i>Acrotrichis (Acrotrichis) sericans</i>		insect - beetle (Coleoptera)	27/09/2007	-	1
<i>Monotoma (Monotoma) picipes</i>		insect - beetle (Coleoptera)	27/09/2007	-	1
<i>Acrotoma pseudotenera</i>		insect - beetle (Coleoptera)	27/09/2007	-	1
<i>Gyrinus</i>	Whirligig Beetle	insect - beetle (Coleoptera)	25/10/2010	-	1
<i>Acrotrichis (Acrotrichis) montandonii</i>		insect - beetle (Coleoptera)	27/09/2007	-	1
<i>Acrotrichis (Acrotrichis) fascicularis</i>		insect - beetle (Coleoptera)	27/09/2007	-	2
<i>Megarhtrus denticollis</i>		insect - beetle (Coleoptera)	27/09/2007	-	1
<i>Rugilus orbiculatus</i>		insect - beetle (Coleoptera)	27/09/2007	-	1
<i>Ptenidium (Ptenidium) pusillum</i>		insect - beetle (Coleoptera)	27/09/2007	-	1
<i>Megasternum concinnum</i>		insect - beetle (Coleoptera)	27/09/2007	-	2
<i>Cercyon (Paracercyon) analis</i>		insect - beetle (Coleoptera)	27/09/2007	-	1
<i>Carabus (Megodontus) violaceus</i>	Violet Ground Beetle	insect - beetle (Coleoptera)	21/07/2007	16/08/2010	3
<i>Nephanes titan</i>		insect - beetle (Coleoptera)	27/09/2007	-	1
<i>Leptacinus pusillus</i>		insect - beetle (Coleoptera)	27/09/2007	-	1
<i>Leptacinus intermedius</i>		insect - beetle (Coleoptera)	27/09/2007	-	1
<i>Gyrophypnus fracticornis</i>		insect - beetle (Coleoptera)	27/09/2007	-	1
<i>Gabrius piliger</i>		insect - beetle (Coleoptera)	27/09/2007	-	1
<i>Quedius (Raphirus) semiobscurus</i>		insect - beetle (Coleoptera)	27/09/2007	-	1
<i>Harmonia axyridis f. spectabilis</i>		insect - beetle (Coleoptera)	09/07/2007	-	1
<i>Ocypus (Ocypus) olens</i>	Devil's Coach-horse	insect - beetle (Coleoptera)	27/08/2008	31/07/2009	2
<i>Archarius pyrrhoceras</i>		insect - beetle (Coleoptera)	28/06/2007	-	2
<i>Philonthus tenuicornis</i>		insect - beetle (Coleoptera)	27/09/2007	-	1
<i>Philonthus longicornis</i>		insect - beetle (Coleoptera)	27/09/2007	-	1
<i>Philonthus albipes</i>		insect - beetle (Coleoptera)	27/09/2007	-	2
<i>Sunius propinquus</i>		insect - beetle (Coleoptera)	27/09/2007	-	1
<i>Cercyon (Cercyon) terminatus</i>		insect - beetle (Coleoptera)	27/09/2007	-	1
<i>Bisnius sordidus</i>		insect - beetle (Coleoptera)	27/09/2007	-	2
<i>Anthocharis cardamines</i>	Orange-tip	insect - butterfly	28/04/1998	17/05/2015	229
<i>Anthocharis cardamines subsp. britannica</i>	Orange-tip	insect - butterfly	21/04/2016	-	2
<i>Pieris napi</i>	Green-veined White	insect - butterfly	12/08/1982	09/07/2015	111
<i>Pieris napi subsp. sabellicae</i>	Green-veined White	insect - butterfly	17/07/2014	12/05/2016	2
<i>Pieris brassicae</i>	Large White	insect - butterfly	24/07/1995	01/10/2015	319
<i>Pieris rapae</i>	Small White	insect - butterfly	24/07/1995	06/10/2015	344
<i>Gonepteryx rhamni</i>	Brimstone	insect - butterfly	20/05/1991	01/08/2015	188
<i>Gonepteryx rhamni subsp. rhamni</i>	Brimstone	insect - butterfly	17/07/2014	21/04/2016	4
<i>Ochlodes sylvanus</i>	Large Skipper	insect - butterfly	24/07/1995	01/08/2015	161
<i>Pararge aegeria</i>	Speckled Wood	insect - butterfly	12/08/1982	03/10/2015	461
<i>Colias croceus</i>	Clouded Yellow	insect - butterfly	19/06/2000	06/09/2014	42
<i>Thymelicus sylvestris</i>	Small Skipper	insect - butterfly	24/07/1995	08/08/2015	139
<i>Thymelicus lineola</i>	Essex Skipper	insect - butterfly	24/07/1995	18/07/2015	27
<i>Thymelicus</i>		insect - butterfly	10/07/2010	15/07/2014	3
<i>Pyrgus malvae</i>	Grizzled Skipper	insect - butterfly	01/06/1997	18/06/2014	26

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<i>Aricia agestis</i>	Brown Argus	insect - butterfly	30/04/2007	18/08/2014	14
<i>Polyommatus coridon</i>	Chalk Hill Blue	insect - butterfly	10/08/2006	-	1
<i>Polyommatus icarus</i>	Common Blue	insect - butterfly	24/07/1995	19/09/2015	326
<i>Polyommatus icarus subsp. icarus</i>	Common Blue	insect - butterfly	16/08/2016	-	1
<i>Celastrina argiolus subsp. britanna</i>	Holly Blue	insect - butterfly	16/05/2004	20/04/2016	72
<i>Pararge aegeria subsp. aegeria</i>		insect - butterfly	15/06/2016	16/08/2016	2
<i>Pyronia tithonus subsp. tithonus</i>	Gatekeeper or Hedge Brown	insect - butterfly	17/07/2014	-	2
<i>Erynnis tages</i>	Dingy Skipper	insect - butterfly	31/05/1998	14/06/2013	21
<i>Lycaena phlaeas subsp. phlaeas</i>	Small Copper	insect - butterfly	30/09/2016	-	1
<i>Satyrrium w-album</i>	White-letter Hairstreak	insect - butterfly	11/07/2011	-	2
<i>Callophrys rubi</i>	Green Hairstreak	insect - butterfly	01/06/1997	18/05/2014	29
<i>Cupido minimus</i>	Small Blue	insect - butterfly	14/06/2009	19/06/2014	6
<i>Pyronia tithonus</i>	Hedge Brown	insect - butterfly	28/06/1995	12/07/2015	53
<i>Celastrina argiolus</i>	Holly Blue	insect - butterfly	24/07/1995	16/04/2015	16
<i>Coenonympha pamphilus</i>	Small Heath	insect - butterfly	14/09/1997	22/08/2011	14
<i>Thecla betulae</i>	Brown Hairstreak	insect - butterfly	01/12/1996	02/10/2015	76
<i>Lycaena phlaeas</i>	Small Copper	insect - butterfly	24/07/1995	31/07/2015	124
<i>Polygonia c-album</i>	Comma	insect - butterfly	09/03/1997	21/04/2016	314
<i>Vanessa cardui</i>	Painted Lady	insect - butterfly	06/07/1995	22/08/2015	114
<i>Vanessa atalanta</i>	Red Admiral	insect - butterfly	12/08/1982	31/10/2015	240
<i>Aglais urticae</i>	Small Tortoiseshell	insect - butterfly	28/04/1998	12/04/2016	190
<i>Aphantopus hyperantus</i>	Ringlet	insect - butterfly	03/07/1998	01/08/2015	174
<i>Apatura iris</i>	Purple Emperor	insect - butterfly	29/06/2003	20/07/2014	86
<i>Limenitis camilla</i>	White Admiral	insect - butterfly	10/07/1997	20/07/2014	62
<i>Argynnis aglaja</i>	Dark Green Fritillary	insect - butterfly	10/07/2009	02/07/2010	3
<i>Argynnis paphia</i>	Silver-washed Fritillary	insect - butterfly	24/07/1998	04/08/2015	72
<i>Melanargia galathea subsp. serena</i>	Marbled White	insect - butterfly	11/07/2004	18/07/2015	81
<i>Pyronia tithonus subsp. britanniae</i>	Hedge Brown	insect - butterfly	22/07/2004	29/08/2015	182
<i>Melanargia galathea</i>	Marbled White	insect - butterfly	19/07/2004	09/07/2015	20
<i>Favonius quercus</i>	Purple Hairstreak	insect - butterfly	28/06/2003	15/07/2014	43
<i>Maniola jurtina subsp. jurtina</i>	Meadow Brown	insect - butterfly	17/07/2014	16/08/2016	4
<i>Maniola jurtina</i>	Meadow Brown	insect - butterfly	24/07/1995	28/09/2015	492
<i>Aglais io</i>	Peacock	insect - butterfly	24/07/1995	03/05/2016	281
<i>Phragmatobia fuliginosa</i>	Ruby Tiger	insect - moth	19/07/2006	01/08/2009	6
<i>Phragmatobia fuliginosa subsp. fuliginosa</i>	Ruby Tiger	insect - moth	16/07/2008	-	1
<i>Miltochrista miniata</i>	Rosy Footman	insect - moth	05/07/2003	31/07/2015	35
<i>Spilosoma lutea</i>	Buff Ermine	insect - moth	05/07/2003	13/07/2015	35
<i>Lithosia quadra</i>	Four-spotted Footman	insect - moth	26/09/2006	-	1
<i>Tyria jacobaeae</i>	Cinnabar	insect - moth	12/06/2004	09/07/2015	20
<i>Diaphora mendica</i>	Muslin Moth	insect - moth	22/04/2007	18/05/2010	5
<i>Hypena proboscidalis</i>	Snout	insect - moth	05/07/2003	17/09/2015	35
<i>Spilosoma lubricipeda</i>	White Ermine	insect - moth	24/05/2005	14/06/2013	27
<i>Orgyia antiqua</i>	Vapourer	insect - moth	31/08/2006	30/10/2009	26
<i>Calliteara pudibunda</i>	Pale Tussock	insect - moth	28/05/2005	04/10/2015	18

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<i>Euproctis similis</i>	Yellow-tail	insect - moth	05/07/2003	13/07/2015	49
<i>Lymantria monacha</i>	Black Arches	insect - moth	05/07/2003	13/07/2015	41
<i>Eilema depressa</i>	Buff Footman	insect - moth	19/07/2006	-	2
<i>Laspeyria flexula</i>	Beautiful Hook-tip	insect - moth	29/06/2006	31/07/2010	6
<i>Hypera crassalis</i>	Beautiful Snout	insect - moth	16/07/2008	-	1
<i>Phytometra viridaria</i>	Small Purple-barred	insect - moth	19/07/2006	-	2
<i>Rivula sericealis</i>	Straw Dot	insect - moth	05/07/2003	16/09/2015	42
<i>Cabera exanthemata</i>	Common Wave	insect - moth	28/05/2005	08/05/2011	25
<i>Diachrysis chrysitis</i>	Burnished Brass	insect - moth	05/07/2003	09/07/2015	9
<i>Abrostola triplasia</i>	Dark Spectacle	insect - moth	19/07/2006	-	2
<i>Abrostola tripartita</i>	Spectacle	insect - moth	29/06/2006	19/06/2013	3
<i>Euclidia mi</i>	Mother Shipton	insect - moth	13/06/2006	21/05/2010	9
<i>Parascotia fuliginaria</i>	Waved Black	insect - moth	26/07/2008	-	1
<i>Catocala nupta</i>	Red Underwing	insect - moth	17/08/2006	12/08/2007	3
<i>Eilema griseola</i>	Dingy Footman	insect - moth	27/07/2005	04/08/2013	64
<i>Lygephila pastinum</i>	Blackneck	insect - moth	14/07/2006	29/06/2010	3
<i>Herminia tarsipennalis</i>	Fan-foot	insect - moth	05/07/2003	08/07/2009	5
<i>Macrochilo cribrumalis</i>	Dotted Fan-foot	insect - moth	29/06/2006	-	2
<i>Eilema sororcula</i>	Orange Footman	insect - moth	28/05/2005	02/06/2013	22
<i>Eilema caniola</i>	Hoary Footman	insect - moth	19/07/2006	-	2
<i>Eilema complana</i>	Scarce Footman	insect - moth	05/07/2003	29/07/2009	11
<i>Eilema lurideola</i>	Common Footman	insect - moth	05/07/2003	09/07/2015	31
<i>Euclidia glyphica</i>	Burnet Companion	insect - moth	12/06/2004	11/06/2015	41
<i>Ennomos fuscantaria</i>	Dusky Thorn	insect - moth	10/08/2005	18/09/2014	9
<i>Lomographa temerata</i>	Clouded Silver	insect - moth	28/05/2005	21/06/2008	5
<i>Macaria notata</i>	Peacock Moth	insect - moth	08/05/2008	24/07/2008	4
<i>Macaria liturata</i>	Tawny-barred Angle	insect - moth	06/05/2008	30/08/2008	27
<i>Petrophora chlorosata</i>	Brown Silver-line	insect - moth	28/05/2005	23/06/2008	13
<i>Plagodis pulveraria</i>	Barred Umber	insect - moth	30/04/1965	-	1
<i>Plagodis dolabraria</i>	Scorched Wing	insect - moth	14/06/2006	02/07/2013	15
<i>Opisthograptis luteolata</i>	Brimstone Moth	insect - moth	31/01/2000	17/09/2015	108
<i>Epione repandaria</i>	Bordered Beauty	insect - moth	19/07/2006	13/08/2009	8
<i>Lomaspilis marginata</i>	Clouded Border	insect - moth	05/07/2003	17/07/2014	35
<i>Ennomos alniaria</i>	Canary-shouldered Thorn	insect - moth	10/08/2005	02/08/2008	5
<i>Abraxas grossulariata</i>	Maggie	insect - moth	05/07/2003	06/07/2010	11
<i>Ennomos erosaria</i>	September Thorn	insect - moth	13/08/2007	17/09/2015	2
<i>Selenia dentaria</i>	Early Thorn	insect - moth	12/04/2003	07/04/2014	24
<i>Selenia tetralunaria</i>	Purple Thorn	insect - moth	27/07/2006	13/07/2015	8
<i>Odontopera bidentata</i>	Scalloped Hazel	insect - moth	28/05/2008	22/05/2010	4
<i>Crocallis elinguaris</i>	Scalloped Oak	insect - moth	05/07/2003	31/07/2010	37
<i>Ourapteryx sambucaria</i>	Swallow-tailed Moth	insect - moth	05/07/2003	09/07/2015	8
<i>Colotois pennaria</i>	Feathered Thorn	insect - moth	23/10/2005	09/12/2009	39
<i>Alsophila aescularia</i>	March Moth	insect - moth	09/03/2005	27/02/2012	30
<i>Apeira syringaria</i>	Lilac Beauty	insect - moth	08/06/2007	-	1

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<i>Eupithecia absinthiata</i>	Wormwood Pug	insect - moth	22/07/2005	-	2
<i>Eupithecia tenuiata</i>	Slender Pug	insect - moth	08/06/2007	-	1
<i>Eupithecia pulchellata</i>	Foxglove Pug	insect - moth	28/05/2005	11/06/2008	10
<i>Eupithecia abbreviata</i>	Brindled Pug	insect - moth	28/04/1963	24/04/2012	54
<i>Eupithecia dodoneata</i>	Oak-tree Pug	insect - moth	27/04/2007	02/05/2015	10
<i>Eupithecia phoeniceata</i>	Cypress Pug	insect - moth	17/08/2006	05/09/2007	7
<i>Eupithecia tripunctaria</i>	White-spotted Pug	insect - moth	28/05/2005	26/07/2008	19
<i>Eupithecia tantillaria</i>	Dwarf Pug	insect - moth	20/05/2008	-	1
<i>Eupithecia simpliciatata</i>	Plain Pug	insect - moth	19/07/2006	-	2
<i>Ligdia adustata</i>	Scorched Carpet	insect - moth	28/04/1963	18/06/2010	17
<i>Eupithecia centaureata</i>	Lime-speck Pug	insect - moth	26/07/2006	15/08/2006	4
<i>Lycia hirtaria</i>	Brindled Beauty	insect - moth	15/04/2008	07/05/2008	9
<i>Eupithecia vulgata</i>	Common Pug	insect - moth	28/05/2005	14/06/2013	9
<i>Eupithecia exiguata</i>	Mottled Pug	insect - moth	28/05/2005	16/05/2010	8
<i>Lobophora halterata</i>	Seraphim	insect - moth	30/04/2007	-	1
<i>Pterapherapteryx sexalata</i>	Small Seraphim	insect - moth	09/05/2008	-	1
<i>Acasis viretata</i>	Yellow-barred Brindle	insect - moth	28/05/2005	13/05/2009	7
<i>Trichopteryx carpinata</i>	Early Tooth-striped	insect - moth	28/04/1963	21/04/2008	12
<i>Archiearis parthenias</i>	Orange Underwing	insect - moth	17/03/2007	20/03/2009	3
<i>Boudinotiana notha</i>	Light Orange Underwing	insect - moth	27/03/2011	-	1
<i>Eupithecia nanata</i>	Narrow-winged Pug	insect - moth	26/04/2008	-	1
<i>Notodonta ziczac</i>	Pebble Prominent	insect - moth	27/07/2008	16/05/2010	3
<i>Campaea margaritaria</i>	Light Emerald	insect - moth	05/07/2003	17/09/2015	95
<i>Cleorodes lichenaria</i>	Brussels Lace	insect - moth	16/06/2014	-	1
<i>Geometra papilionaria</i>	Large Emerald	insect - moth	05/07/2003	23/07/2014	8
<i>Comibaena bajularia</i>	Blotched Emerald	insect - moth	29/06/2006	01/07/2010	7
<i>Hemithea aestivaria</i>	Common Emerald	insect - moth	05/07/2003	29/06/2010	4
<i>Cerura vinula</i>	Puss Moth	insect - moth	25/02/2007	12/05/2008	2
<i>Furcula furcula</i>	Sallow Kitten	insect - moth	19/07/2006	27/07/2008	3
<i>Stauropus fagi</i>	Lobster Moth	insect - moth	08/06/2007	08/06/2008	2
<i>Apocheima hispidaria</i>	Small Brindled Beauty	insect - moth	06/02/2008	21/02/2011	22
<i>Notodonta dromedarius</i>	Iron Prominent	insect - moth	19/07/2006	23/08/2006	5
<i>Lomographa bimaculata</i>	White-pinion Spotted	insect - moth	28/05/2005	01/06/2013	6
<i>Peridea anceps</i>	Great Prominent	insect - moth	09/05/2008	-	1
<i>Pheosia tremula</i>	Swallow Prominent	insect - moth	16/08/2008	-	1
<i>Pheosia gnoma</i>	Lesser Swallow Prominent	insect - moth	25/04/2008	04/08/2013	4
<i>Pterostoma palpina</i>	Pale Prominent	insect - moth	27/07/2005	04/08/2013	15
<i>Ptilodon capucina</i>	Coxcomb Prominent	insect - moth	27/07/2006	16/05/2010	12
<i>Odontotia carmelita</i>	Scarce Prominent	insect - moth	26/04/2008	-	1
<i>Phalera bucephala</i>	Buff-tip	insect - moth	05/07/2003	30/06/2008	6
<i>Clostera curtula</i>	Chocolate-tip	insect - moth	02/08/2008	13/05/2009	5
<i>Drymonia ruficornis</i>	Lunar Marbled Brown	insect - moth	27/04/2006	04/05/2008	7
<i>Alcis repandata</i>	Mottled Beauty	insect - moth	05/07/2003	07/06/2009	11
<i>Scoliopteryx libatrix</i>	Herald	insect - moth	19/07/2006	22/07/2009	5

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<i>Biston strataria</i>	Oak Beauty	insect - moth	07/04/2007	18/03/2015	14
<i>Biston betularia</i>	Peppered Moth	insect - moth	14/06/2006	10/07/2008	10
<i>Biston betularia form carbonaria</i>	Peppered Moth	insect - moth	29/06/2006	19/07/2006	2
<i>Agriopis leucophaearia</i>	Spring Usher	insect - moth	02/02/2005	22/02/2009	38
<i>Agriopis aurantiaria</i>	Scarce Umber	insect - moth	16/12/2005	22/12/2008	12
<i>Agriopis marginaria</i>	Dotted Border	insect - moth	07/02/2005	12/03/2015	49
<i>Erannis defoliaria</i>	Mottled Umber	insect - moth	12/11/2005	16/11/2012	49
<i>Theria primaria</i>	Early Moth	insect - moth	03/02/2006	25/02/2015	11
<i>Peribatodes rhomboidaria</i>	Willow Beauty	insect - moth	07/07/2005	09/07/2015	56
<i>Aleucis distinctata</i>	Sloe Carpet	insect - moth	28/04/1963	-	1
<i>Alcis repandata subsp. repandata</i>	Mottled Beauty	insect - moth	10/06/2005	21/07/2008	20
<i>Hypomecis roboraria</i>	Great Oak Beauty	insect - moth	04/06/2008	26/07/2008	4
<i>Hypomecis punctinalis</i>	Pale Oak Beauty	insect - moth	28/05/2005	13/06/2008	8
<i>Ectropis crepuscularia</i>	Engrailed	insect - moth	12/04/2003	19/05/2011	20
<i>Paradarisa consonaria</i>	Square Spot	insect - moth	11/05/2008	-	1
<i>Parectropis similaria</i>	Brindled White-spot	insect - moth	15/06/1957	-	1
<i>Bupalus piniaria</i>	Bordered White	insect - moth	23/06/2008	-	1
<i>Cabera pusaria</i>	Common White Wave	insect - moth	05/07/2003	12/06/2015	16
<i>Phigalia pilosaria</i>	Pale Brindled Beauty	insect - moth	06/02/2006	25/02/2010	57
<i>Menophra abruptaria</i>	Waved Umber	insect - moth	28/05/2005	10/05/2013	13
<i>Mniotype adusta</i>	Dark Brocade	insect - moth	23/05/2007	-	1
<i>Hecatera bicolorata</i>	Broad-barred White	insect - moth	23/04/2006	-	1
<i>Mamestra brassicae</i>	Cabbage Moth	insect - moth	23/08/2007	08/07/2009	2
<i>Melanchnra persicariae</i>	Dot Moth	insect - moth	29/06/2006	-	2
<i>Lacanobia oleracea</i>	Bright-line Brown-eye	insect - moth	20/05/2005	13/07/2009	11
<i>Polia nebulosa</i>	Grey Arches	insect - moth	18/06/1955	-	1
<i>Tholera decimalis</i>	Feathered Gothic	insect - moth	03/09/1955	01/09/2006	4
<i>Anorthoa munda</i>	Twin-spotted Quaker	insect - moth	12/04/2003	26/03/2015	25
<i>Orthosia gothica</i>	Hebrew Character	insect - moth	12/04/2003	16/05/2010	31
<i>Orthosia gracilis</i>	Powdered Quaker	insect - moth	12/04/2003	11/04/2008	2
<i>Orthosia populeti</i>	Lead-coloured Drab	insect - moth	13/03/2007	-	1
<i>Orthosia cruda</i>	Small Quaker	insect - moth	12/04/2003	18/03/2012	68
<i>Orthosia cerasi</i>	Common Quaker	insect - moth	12/04/2003	23/03/2015	50
<i>Orthosia miniosa</i>	Blossom Underwing	insect - moth	14/05/2005	18/03/2012	2
<i>Lithophane leautieri subsp. hesperica</i>	Blair's Shoulder-knot	insect - moth	13/10/2006	-	1
<i>Brachyolmia viminalis</i>	Minor Shoulder-knot	insect - moth	05/07/2003	-	1
<i>Autographa gamma</i>	Silver Y	insect - moth	05/07/2003	23/06/2016	45
<i>Lithophane ornitopus subsp. lactipennis</i>	Grey Shoulder-knot	insect - moth	10/02/2008	-	1
<i>Eupsilia transversa</i>	Satellite	insect - moth	09/03/2005	21/10/2009	17
<i>Ipimorpha retusa</i>	Double Kidney	insect - moth	25/07/2007	-	1
<i>Cosmia trapezina</i>	Dun-bar	insect - moth	05/07/2003	31/07/2010	43
<i>Orthosia incerta</i>	Clouded Drab	insect - moth	12/04/2003	01/03/2009	14
<i>Atethmia centrago</i>	Centre-barred Sallow	insect - moth	29/08/2006	17/09/2015	7
<i>Panolis flammea</i>	Pine Beauty	insect - moth	10/05/2008	-	1



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<i>Apterogenum ypsilon</i>	Dingy Shears	insect - moth	22/07/2005	26/06/2008	3
<i>Griposia aprilina</i>	Merveille du Jour	insect - moth	16/10/2008	21/10/2008	2
<i>Dryobotodes eremita</i>	Brindled Green	insect - moth	22/09/2006	24/09/2008	21
<i>Aporophyla lutulenta</i>	Deep-brown Dart	insect - moth	28/09/2006	16/09/2015	2
<i>Polymixis flavicincta</i>	Large Ranunculus	insect - moth	01/10/2006	08/10/2007	12
<i>Mythimna impura</i>	Smoky Wainscot	insect - moth	05/07/2003	18/07/2008	6
<i>Cosmia pyralina</i>	Lunar-spotted Pinion	insect - moth	05/07/2003	08/07/2009	2
<i>Naenia typica</i>	Gothic	insect - moth	30/08/2008	-	1
<i>Mythimna pallens</i>	Common Wainscot	insect - moth	09/08/2005	17/09/2015	18
<i>Anaplectoides prasina</i>	Green Arches	insect - moth	15/06/1957	-	1
<i>Xestia xanthographa</i>	Square-spot Rustic	insect - moth	23/08/2006	17/09/2015	26
<i>Xestia sexstrigata</i>	Six-striped Rustic	insect - moth	23/08/2006	31/07/2010	4
<i>Xestia c-nigrum</i>	Setaceous Hebrew Character	insect - moth	29/06/2006	17/09/2015	9
<i>Noctua comes</i>	Lesser Yellow Underwing	insect - moth	29/06/2006	18/09/2014	11
<i>Xestia triangulum</i>	Double Square-spot	insect - moth	05/07/2003	24/07/2008	4
<i>Noctua fimbriata</i>	Broad-bordered Yellow Underwing	insect - moth	05/07/2003	16/09/2015	9
<i>Meganola albula</i>	Kent Black Arches	insect - moth	19/07/2006	22/07/2009	5
<i>Nola cucullatella</i>	Short-cloaked Moth	insect - moth	29/06/2006	08/07/2009	3
<i>Pseudoips prasinana subsp. britannica</i>	Green Silver-lines	insect - moth	05/07/2003	28/05/2005	2
<i>Nycteola revayana</i>	Oak Nycteoline	insect - moth	08/05/2008	19/10/2008	2
<i>Eupithecia intricata</i>	Freyer's Pug	insect - moth	08/06/2007	-	1
<i>Evergestis forficalis</i>	Garden Pebble	insect - moth	31/08/2010	-	1
<i>Xestia ditrapezium</i>	Triple-spotted Clay	insect - moth	09/07/2015	-	1
<i>Agrotis clavis</i>	Heart & Club	insect - moth	29/06/2006	-	2
<i>Lithophane leautieri</i>	Blair's Shoulder-knot	insect - moth	12/10/2006	13/10/2006	2
<i>Mythimna albipuncta</i>	White-point	insect - moth	08/09/2008	-	1
<i>Mythimna ferrago</i>	Clay	insect - moth	19/07/2006	16/09/2015	6
<i>Leucania comma</i>	Shoulder-striped Wainscot	insect - moth	29/06/2006	-	2
<i>Agrotis puta</i>	Shuttle-shaped Dart	insect - moth	19/07/2006	16/05/2010	5
<i>Noctua janthe</i>	Lesser Broad-bordered Yellow Underwi	insect - moth	19/07/2006	16/09/2015	9
<i>Agrotis exclamationis</i>	Heart & Dart	insect - moth	29/06/2006	09/07/2015	14
<i>Mythimna vitellina</i>	Delicate	insect - moth	28/09/2006	-	1
<i>Axylia putris</i>	Flame	insect - moth	05/07/2003	09/07/2015	5
<i>Ochropleura plecta</i>	Flame Shoulder	insect - moth	05/07/2003	16/09/2015	26
<i>Diarsia mendica subsp. mendica</i>	Ingrailed Clay	insect - moth	28/05/2005	06/06/2014	6
<i>Diarsia rubi</i>	Small Square-spot	insect - moth	31/05/2006	17/09/2015	6
<i>Cerastis rubricosa</i>	Red Chestnut	insect - moth	14/03/2008	11/04/2008	2
<i>Noctua pronuba</i>	Large Yellow Underwing	insect - moth	05/07/2003	17/09/2015	54
<i>Agrotis puta subsp. puta</i>	Shuttle-shaped Dart	insect - moth	31/07/2008	-	1
<i>Amphipyra pyramidea agg.</i>	Copper Underwings	insect - moth	16/09/2015	-	1
<i>Eremobia ochroleuca</i>	Dusky Sallow	insect - moth	19/07/2009	-	1
<i>Euplexia lucipara</i>	Small Angle Shades	insect - moth	29/06/2006	-	2
<i>Phlogophora meticulosa</i>	Angle Shades	insect - moth	28/05/2005	15/09/2013	25
<i>Thalpophila matura</i>	Straw Underwing	insect - moth	22/08/2006	02/08/2008	7

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<i>Mormo maura</i>	Old Lady	insect - moth	27/08/2005	05/09/2009	5
<i>Charanyca trigrammica</i>	Treble Lines	insect - moth	15/06/1957	28/05/2005	2
<i>Hoplodrina blanda</i>	Rustic	insect - moth	09/08/2005	08/07/2009	4
<i>Hoplodrina octogenaria</i>	Uncertain	insect - moth	29/06/2006	31/07/2010	12
<i>Caradrina morpheus</i>	Mottled Rustic	insect - moth	29/06/2006	-	2
<i>Bryophila domestica</i>	Marbled Beauty	insect - moth	19/07/2006	08/07/2009	8
<i>Helicoverpa armigera</i>	Scarce Bordered Straw or Old World Bo	insect - moth	16/09/2015	-	1
<i>Heliothis peltigera</i>	Bordered Straw	insect - moth	29/07/2006	-	2
<i>Xylocampa areola</i>	Early Grey	insect - moth	06/04/1964	16/05/2010	8
<i>Lithophane ornitopus</i>	Grey Shoulder-knot	insect - moth	17/04/2006	03/10/2006	3
<i>Acronicta leporina</i>	Miller	insect - moth	15/06/1957	29/04/2007	2
<i>Autographa jota</i>	Plain Golden Y	insect - moth	08/07/2009	-	1
<i>Deltote pygarga</i>	Marbled White Spot	insect - moth	05/07/2003	08/07/2009	9
<i>Colocasia coryli</i>	Nut-tree Tussock	insect - moth	05/07/2003	14/08/2008	24
<i>Diloba caeruleocephala</i>	Figure of Eight	insect - moth	02/10/2006	31/10/2009	19
<i>Acronicta</i>		insect - moth	19/08/2006	22/07/2008	4
<i>Allophyes oxyacanthae</i>	Green-brindled Crescent	insect - moth	02/10/2006	21/10/2009	12
<i>Acronicta aceris</i>	Sycamore	insect - moth	23/08/2009	-	1
<i>Asteroscopus sphinx</i>	Sprawler	insect - moth	12/11/2005	06/12/2013	44
<i>Acronicta rumicis</i>	Knot Grass	insect - moth	22/05/2008	01/08/2008	5
<i>Craniophora ligustri</i>	Coronet	insect - moth	05/07/2003	08/07/2009	31
<i>Panemeria tenebrata</i>	Small Yellow Underwing	insect - moth	07/05/2006	03/06/2015	9
<i>Amphipyra</i>		insect - moth	07/07/2005	11/08/2009	28
<i>Amphipyra pyramidea</i>	Copper Underwing	insect - moth	07/07/2005	14/09/2006	3
<i>Luperina testacea</i>	Flounced Rustic	insect - moth	05/09/2006	21/08/2008	3
<i>Acronicta alni</i>	Alder Moth	insect - moth	28/05/2005	-	1
<i>Agrochola circellaris</i>	Brick	insect - moth	17/10/2006	04/12/2008	8
<i>Gortyna flavago</i>	Frosted Orange	insect - moth	14/09/2009	16/09/2015	2
<i>Tiliacea aurago</i>	Barred Sallow	insect - moth	26/09/2006	24/10/2008	10
<i>Xanthia togata</i>	Pink-barred Sallow	insect - moth	30/09/2005	17/09/2008	7
<i>Cirrhia icteritia</i>	Sallow	insect - moth	29/09/2005	16/09/2015	30
<i>Agrochola lychnidis</i>	Beaded Chestnut	insect - moth	03/10/2006	-	1
<i>Oligia fasciuncula</i>	Middle-barred Minor	insect - moth	09/06/2008	12/06/2009	2
<i>Agrochola macilenta</i>	Yellow-line Quaker	insect - moth	22/10/2006	04/11/2008	5
<i>Oligia strigilis</i>	Marbled Minor	insect - moth	05/07/2003	-	1
<i>Omphaloscelis lunosa</i>	Lunar Underwing	insect - moth	26/09/2005	17/09/2015	32
<i>Conistra vaccinii</i>	Chestnut	insect - moth	09/03/2005	27/02/2012	31
<i>Conistra ligula</i>	Dark Chestnut	insect - moth	15/03/2005	-	2
<i>Conistra rubiginea</i>	Dotted Chestnut	insect - moth	16/05/2010	-	1
<i>Lithophane semibrunnea</i>	Tawny Pinion	insect - moth	14/09/2009	-	1
<i>Lithophane socia</i>	Pale Pinion	insect - moth	08/03/2007	-	1
<i>Agrochola lota</i>	Red-line Quaker	insect - moth	17/10/2006	21/10/2009	7
<i>Apamea monoglypha</i>	Dark Arches	insect - moth	05/07/2003	08/07/2016	23
<i>Autographa pulchrina</i>	Beautiful Golden Y	insect - moth	29/06/2006	08/07/2009	3

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<i>Rhizedra lutosa</i>	Large Wainscot	insect - moth	26/09/2005	21/10/2009	13
<i>Archanara dissoluta</i>	Brown-veined Wainscot	insect - moth	19/07/2006	20/07/2009	5
<i>Coenobia rufa</i>	Small Rufous	insect - moth	19/07/2006	08/07/2009	3
<i>Apamea remissa</i>	Dusky Brocade	insect - moth	29/06/2006	-	2
<i>Tiliacea citrigo</i>	Orange Sallow	insect - moth	16/09/2015	-	1
<i>Apamea scolopacina</i>	Slender Brindle	insect - moth	05/07/2003	24/07/2008	4
<i>Hydraecia micacea</i>	Rosy Rustic	insect - moth	18/09/2014	17/09/2015	3
<i>Apamea lithoxylaea</i>	Light Arches	insect - moth	29/06/2006	29/06/2009	6
<i>Apamea sublustris</i>	Reddish Light Arches	insect - moth	02/05/2007	-	1
<i>Mesapamea</i>		insect - moth	09/08/2005	23/07/2011	4
<i>Mesapamea secalis/didyma</i>	Common/Lesser Rustic	insect - moth	23/08/2006	-	1
<i>Mesoligia furuncula</i>	Cloaked Minor	insect - moth	19/07/2006	-	2
<i>Oligia</i>		insect - moth	29/06/2006	08/07/2009	7
<i>Apamea epomidion</i>	Clouded Brindle	insect - moth	18/06/1955	-	1
<i>Cnephasia</i>		insect - moth	22/07/2008	22/08/2008	3
<i>Phalonidia manniana</i>	Water-mint Conch	insect - moth	12/05/2006	-	2
<i>Phtheochroa inopiana</i>	Plain Conch	insect - moth	16/07/2007	03/06/2015	3
<i>Acleris literana</i>	Lichen Button	insect - moth	13/03/2008	26/04/2008	3
<i>Acleris notana</i>	Rusty Birch Button	insect - moth	10/03/2006	24/02/2011	6
<i>Acleris ferrugana</i>	Rusty Oak Button	insect - moth	19/07/2006	27/02/2009	5
<i>Acleris hastiana</i>	Sallow Button	insect - moth	28/02/2009	-	1
<i>Acleris variegana</i>	Garden Rose Tortrix	insect - moth	24/07/2006	17/07/2009	4
<i>Acleris cristana</i>	Tufted Button	insect - moth	29/06/2006	29/01/2008	2
<i>Acleris emargana</i>	Notch-wing Button	insect - moth	30/09/2005	18/09/2014	4
<i>Acleris sparsana</i>	Ashy Button	insect - moth	12/11/2005	24/10/2008	6
<i>Acleris laterana</i>	Dark-triangle Button	insect - moth	19/08/2006	-	2
<i>Acleris forsskaleana</i>	Maple Button	insect - moth	19/07/2006	22/07/2008	3
<i>Bembecia ichneumoniformis</i>	Six-belted Clearwing	insect - moth	23/06/2009	-	1
<i>Tortrix viridana</i>	Green Oak Tortrix	insect - moth	05/07/2003	28/05/2011	37
<i>Aethes smeathmanniana</i>	Yarrow Conch	insect - moth	31/05/2008	-	1
<i>Tortricodes alternella</i>	Winter Shade	insect - moth	20/01/2008	14/03/2010	49
<i>Epiphyas postvittana</i>	Light Brown Apple Moth	insect - moth	23/08/2006	18/09/2014	7
<i>Clepsis consimilana</i>	Privet Twist	insect - moth	19/07/2006	-	2
<i>Cacoecimorpha pronubana</i>	Carnation Tortrix	insect - moth	28/09/2006	17/10/2006	2
<i>Syndemis musculana</i>	Dark-barred Twist	insect - moth	28/05/2005	03/06/2009	12
<i>Pandemis heparana</i>	Dark Fruit-tree Tortrix	insect - moth	09/06/2008	08/07/2009	3
<i>Pandemis cerasana</i>	Barred Fruit-tree Tortrix	insect - moth	23/08/2006	08/07/2009	6
<i>Pandemis corylana</i>	Chequered Fruit-tree Tortrix	insect - moth	22/07/2008	16/09/2015	3
<i>Ptycholoma lecheana</i>	Brindled Twist	insect - moth	22/05/2008	-	1
<i>Archips rosana</i>	Rose Tortrix	insect - moth	18/09/2014	-	1
<i>Archips xylosteana</i>	Variegated Golden Tortrix	insect - moth	29/06/2006	19/06/2008	7
<i>Archips podana</i>	Large Fruit-tree Tortrix	insect - moth	05/07/2003	16/06/2008	3
<i>Ditula angustiorana</i>	Red-barred Tortrix	insect - moth	17/07/2008	08/07/2009	6
<i>Aleimma loeflingiana</i>	Yellow Oak Button	insect - moth	16/06/2006	19/06/2010	18

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<i>Ancylis badiana</i>	Common Roller	insect - moth	07/05/2006	-	2
<i>Cydia splendana</i>	Marbled Piercer	insect - moth	28/08/2005	27/08/2008	21
<i>Cydia pomonella</i>	Codling Moth	insect - moth	19/07/2006	-	2
<i>Rhyacionia buoliana</i>	Pine Shoot Moth	insect - moth	29/07/2008	-	1
<i>Notocelia roborana</i>	Summer Rose Bell	insect - moth	16/08/2007	-	1
<i>Notocelia uddmanniana</i>	Bramble Shoot Moth	insect - moth	10/06/2005	08/07/2009	14
<i>Notocelia cynosbatella</i>	Yellow-faced Bell	insect - moth	20/07/2009	19/06/2010	3
<i>Gypsonoma dealbana</i>	Common Cloaked Shoot	insect - moth	22/07/2008	-	1
<i>Gypsonoma</i>		insect - moth	21/07/2008	-	1
<i>Eucosma hohenwartiana</i>	Bright Bell	insect - moth	29/06/2006	-	1
<i>Eucosma cana</i>	Hoary Belle	insect - moth	29/06/2006	08/07/2009	4
<i>Epinotia nisella</i>	Grey Poplar Bell	insect - moth	23/08/2006	-	1
<i>Epinotia tenerana</i>	Nut Bud Moth	insect - moth	03/10/2006	-	1
<i>Epinotia trigonella</i>	White-blotch Bell	insect - moth	29/06/2007	-	1
<i>Agapeta hamana</i>	Common Yellow Conch	insect - moth	29/06/2006	08/07/2009	8
<i>Apotomis betuletana</i>	Birch Marble	insect - moth	15/08/2008	-	1
<i>Pterophorus pentadactyla</i>	White Plume	insect - moth	29/06/2006	24/06/2010	10
<i>Aethes cricana</i>	Thistle Conch	insect - moth	08/07/2009	-	1
<i>Aethes rubigana</i>	Burdock Conch	insect - moth	23/07/2008	-	1
<i>Cochylis hybridella</i>	White-bodied Conch	insect - moth	28/08/2005	-	2
<i>Cochylis dubitana</i>	Little Conch	insect - moth	27/08/2008	-	1
<i>Spilonota ocellana</i>	Bud Moth	insect - moth	13/08/2008	-	1
<i>Eudemis profundana</i>	Diamond-back Marble	insect - moth	23/07/2011	-	1
<i>Rhopobota naevana</i>	Holly Tortrix	insect - moth	14/09/2008	08/07/2009	2
<i>Hedya nubiferana</i>	Marbled Orchard Tortrix	insect - moth	20/05/2005	08/07/2009	10
<i>Hedya pruniana</i>	Plum Tortrix	insect - moth	29/06/2006	-	2
<i>Celypha lacunana</i>	Common Marble	insect - moth	29/06/2006	03/06/2015	31
<i>Lobesia abscisana</i>	Smoky-barred Marble	insect - moth	08/07/2009	-	1
<i>Bactra lancealana</i>	Rush Marble	insect - moth	04/08/2008	-	1
<i>Agapeta zoegana</i>	Knapweed Conch	insect - moth	14/07/2006	02/08/2006	11
<i>Cochylis atricapitana</i>	Black-headed Conch	insect - moth	29/06/2006	29/08/2006	4
<i>Psyche casta</i>	Common Sweep	insect - moth	12/06/2007	03/06/2015	4
<i>Anthophila fabriciana</i>	Common Nettle-tap	insect - moth	01/07/2007	-	1
<i>Plutella porrectella</i>	Grey-streaked Smudge	insect - moth	09/06/2008	-	1
<i>Plutella xylostella</i>	Diamond-back Moth	insect - moth	29/06/2006	31/07/2010	13
<i>Ypsolopha parenthesella</i>	White-shouldered Smudge	insect - moth	28/08/2005	25/08/2008	3
<i>Ypsolopha scabrella</i>	Wainscot Smudge	insect - moth	31/07/2008	27/08/2008	8
<i>Ypsolopha mucronella</i>	Spindle Smudge	insect - moth	13/01/2005	10/04/2011	9
<i>Paraswammerdamia nebulella</i>	Hawthorn Ermel	insect - moth	08/07/2009	-	1
<i>Zelleria hepariella</i>	Brown Ash Ermel	insect - moth	19/07/2006	-	2
<i>Yponomeuta padella</i>	Orchard Ermine	insect - moth	19/07/2006	-	2
<i>Pasiphila rectangulata</i>	Green Pug	insect - moth	05/07/2003	08/07/2009	10
<i>Gracillaria syringella</i>	Common Slender	insect - moth	02/05/2015	-	1
<i>Scoparia ambigualis</i>	Common Grey	insect - moth	28/05/2005	21/07/2008	9

Latin Name	Common Name	Taxon Group	First Date	Last Date	No. of Rec's
<i>Tinea trinetella</i>	Bird's-nest Moth	insect - moth	12/05/2008	-	1
<i>Glyphipterix simpliciella</i>	Cocksfoot Moth	insect - moth	03/06/2015	-	1
<i>Nemophora degeerella</i>	Yellow-barred Long-horn	insect - moth	20/05/2005	30/05/2012	6
<i>Dyseriocrania subpurpurella</i>	Common Oak Purple	insect - moth	02/04/2005	18/04/2008	5
<i>Triodia sylvina</i>	Orange Swift	insect - moth	09/08/2005	20/08/2014	13
<i>Korscheltellus lupulina</i>	Common Swift	insect - moth	28/05/2005	23/05/2011	24
<i>Phymatopus hecta</i>	Gold Swift	insect - moth	05/07/2003	28/05/2005	2
<i>Hepialus humuli</i>	Ghost Moth	insect - moth	10/06/2005	04/06/2015	8
<i>Tinea semifulvella</i>	Fulvous Clothes	insect - moth	06/09/2006	29/08/2008	4
<i>Ectoedemia septembrella</i>	Hypericum Pigmy	insect - moth	06/12/2013	08/12/2013	2
<i>Nemapogon cloacella</i>	Cork Moth	insect - moth	18/05/2008	-	1
<i>Adela reaumurella</i>	Green Long-horn	insect - moth	07/05/2006	10/06/2008	14
<i>Cauchas rufimitrella</i>	Meadow Long-horn	insect - moth	07/05/2006	27/04/2007	3
<i>Nematopogon metaxella</i>	Buff Long-horn	insect - moth	16/04/2007	-	1
<i>Incurvaria masculella</i>	Feathered Bright	insect - moth	17/04/2007	12/05/2008	2
<i>Taleporia tubulosa</i>	Brown Smoke	insect - moth	21/06/2007	-	1
<i>Argyresthia brockeella</i>	Gold-ribbon Argent	insect - moth	19/07/2006	-	2
<i>Stigmella aurella</i>	Golden Pigmy	insect - moth	06/12/2006	02/05/2015	4
<i>Agonopterix heracliana</i>	Common Flat-body	insect - moth	13/01/2005	08/07/2009	14
<i>Yponomeuta evonymella</i>	Bird-cherry Ermine	insect - moth	19/07/2006	08/07/2009	3
<i>Stenoptilia pterodactyla</i>	Brown Plume	insect - moth	19/07/2006	19/08/2006	8
<i>Amblyptilia acanthadactyla</i>	Beautiful Plume	insect - moth	24/04/2006	18/03/2012	23
<i>Alucita hexadactyla</i>	Twenty-plume Moth or Many-plumed M	insect - moth	19/07/2006	09/04/2011	14
<i>Blastobasis lacticolella</i>	London Dowd	insect - moth	19/07/2006	09/07/2009	16
<i>Blastobasis adustella</i>	Dingy Dowd	insect - moth	22/07/2008	08/09/2008	15
<i>Elachista albifrontella</i>	White-headed Dwarf	insect - moth	03/06/2015	-	1
<i>Coleophora mayrella</i>	Meadow Case-bearer	insect - moth	08/07/2009	-	1
<i>Coleophora serratella</i>	Common Case-bearer	insect - moth	03/06/2015	-	1
<i>Psoricoptera gibbosella</i>	Humped Crest	insect - moth	26/07/2008	-	1
<i>Apodia bifractella</i>	Dark Fleabane Neb	insect - moth	02/05/2015	-	1
<i>Bryotropha terrella</i>	Cinerous Groundling	insect - moth	24/07/2008	-	1
<i>Helcystogramma rufescens</i>	Orange Crest	insect - moth	08/07/2009	-	1
<i>Glyphipterix thrasonella</i>	Speckled Fanner	insect - moth	12/06/2009	-	1
<i>Crassa unitella</i>	Golden-brown Tubic	insect - moth	10/08/2008	08/07/2009	2
<i>Argyresthia goedartella</i>	Golden Argent	insect - moth	19/07/2006	-	2
<i>Argyresthia spinosella</i>	Blackthorn Argent	insect - moth	18/06/2010	-	1
<i>Lyonetia clerkella</i>	Apple Leaf Miner	insect - moth	02/10/2007	-	1
<i>Prays fraxinella</i>	Ash Bud Moth	insect - moth	01/06/2008	29/08/2008	2
<i>Oegoconia</i>		insect - moth	16/08/2008	-	1
<i>Agonopterix alstromeriana</i>	Brown-spot Flat-body	insect - moth	16/04/2007	-	1
<i>Hofmannophila pseudospretella</i>	Brown House-moth	insect - moth	19/07/2006	25/05/2012	21
<i>Agonopterix ciliella</i>	Large Carrot Flat-body	insect - moth	19/07/2006	-	2
<i>Batia lunaris</i>	Lesser Tawny Tubic	insect - moth	19/07/2006	30/06/2007	3
<i>Diurnea fagella</i>	March Tubic	insect - moth	30/03/2005	18/03/2015	32

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<i>Carcina quercana</i>	Long-horned Flat-body	insect - moth	05/07/2003	08/07/2009	12
<i>Agonopterix ocellana</i>	Red-letter Flat-body	insect - moth	15/02/2006	30/10/2007	3
<i>Agonopterix arenella</i>	Brindled Flat-body	insect - moth	13/01/2005	15/03/2008	4
<i>Emmelina monodactyla</i>	Common Plume	insect - moth	02/02/2005	23/03/2014	189
<i>Endrosis sarcitrella</i>	White-shouldered House-moth	insect - moth	16/02/2008	05/09/2009	23
<i>Scopula floslactata</i>	Cream Wave	insect - moth	10/06/2005	03/06/2010	8
<i>Laothoe populi</i>	Poplar Hawk-moth	insect - moth	14/05/2005	20/07/2013	16
<i>Earophila badiata</i>	Shoulder Stripe	insect - moth	15/04/1965	09/03/2015	28
<i>Euphyia unangulata</i>	Sharp-angled Carpet	insect - moth	16/06/2008	-	1
<i>Epirrhoe alternata</i>	Common Carpet	insect - moth	29/06/2006	01/08/2012	10
<i>Campptogramma bilineata subsp. bilineata</i>	Yellow Shell	insect - moth	08/06/2005	31/07/2010	12
<i>Campptogramma bilineata</i>	Yellow Shell	insect - moth	08/06/2005	11/07/2015	17
<i>Xanthorhoe designata</i>	Flame Carpet	insect - moth	28/05/2005	13/08/2009	11
<i>Xanthorhoe spadicearia</i>	Red Twin-spot Carpet	insect - moth	19/07/2006	01/08/2009	20
<i>Zygaena filipendulae</i>	Six-spot Burnet	insect - moth	12/06/2004	17/07/2013	31
<i>Xanthorhoe fluctuata</i>	Garden Carpet	insect - moth	30/08/2006	17/09/2015	10
<i>Rhodometra sacraria</i>	Vestal	insect - moth	08/10/2007	-	1
<i>Cyclophora punctaria</i>	Maiden's Blush	insect - moth	24/05/2005	01/08/2012	31
<i>Cyclophora annularia</i>	Mocha	insect - moth	28/05/2005	22/05/2010	35
<i>Hydriomena furcata</i>	July Highflier	insect - moth	05/07/2003	31/07/2010	26
<i>Idaea trigeminata</i>	Treble Brown Spot	insect - moth	10/06/2005	13/07/2015	22
<i>Sphinx pinastri</i>	Pine Hawk-moth	insect - moth	19/07/2006	-	2
<i>Macroglossum stellatarum</i>	Humming-bird Hawk-moth	insect - moth	30/07/2010	03/09/2015	9
<i>Deilephila elpenor</i>	Elephant Hawk-moth	insect - moth	05/07/2003	08/07/2009	6
<i>Idaea rusticata</i>	Least Carpet	insect - moth	27/07/2005	-	1
<i>Idaea fuscovenosa</i>	Dwarf Cream Wave	insect - moth	11/07/2007	22/06/2009	5
<i>Timandra comae</i>	Blood-Vein	insect - moth	05/07/2003	18/09/2014	14
<i>Idaea dimidiata</i>	Single-dotted Wave	insect - moth	05/07/2003	05/08/2011	17
<i>Timandra griseata</i>	Blood-Vein	insect - moth	17/08/2006	17/06/2010	8
<i>Idaea biselata</i>	Small Fan-footed Wave	insect - moth	05/07/2003	31/07/2010	11
<i>Idaea emarginata</i>	Small Scallop	insect - moth	16/07/2007	28/07/2008	2
<i>Idaea aversata</i>	Riband Wave	insect - moth	05/07/2003	09/07/2015	71
<i>Scopula imitaria</i>	Small Blood-vein	insect - moth	19/07/2006	18/09/2014	7
<i>Scopula floslactata floslactata</i>	Cream Wave	insect - moth	28/05/2005	-	1
<i>Hydriomena impluviata</i>	May Highflier	insect - moth	14/05/2008	-	1
<i>Idaea seriata</i>	Small Dusty Wave	insect - moth	19/07/2006	24/09/2010	9
<i>Lampropteryx suffumata</i>	Water Carpet	insect - moth	12/04/2003	01/06/2008	10
<i>Caloptilia populetorum</i>	Clouded Slender	insect - moth	13/01/2005	31/12/2005	3
<i>Chloroclystis v-ata</i>	V-Pug	insect - moth	05/07/2003	28/06/2008	4
<i>Gymnoscelis rufifasciata</i>	Double-striped Pug	insect - moth	12/04/2003	08/07/2009	35
<i>Perizoma flavofasciata</i>	Sandy Carpet	insect - moth	27/05/2008	-	1
<i>Perizoma bifasciata</i>	Barred Rivulet	insect - moth	15/08/2006	-	2
<i>Perizoma alchemillata</i>	Small Rivulet	insect - moth	19/07/2006	30/08/2008	12
<i>Perizoma affinitata</i>	Rivulet	insect - moth	19/07/2006	-	2

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<i>Aplocera plagiata</i>	Treble-bar	insect - moth	22/06/2009	-	1
<i>Hydrelia flammeolaria</i>	Small Yellow Wave	insect - moth	05/07/2003	19/07/2006	3
<i>Euchoeca nebulata</i>	Dingy Shell	insect - moth	19/07/2006	-	2
<i>Asthena albulata</i>	Small White Wave	insect - moth	28/05/2005	08/05/2008	6
<i>Epirrita dilutata</i>	November Moth	insect - moth	16/10/2006	23/10/2008	12
<i>Epirrita</i>	Indet. November Moth	insect - moth	16/10/2006	16/11/2012	29
<i>Anticlea derivata</i>	Streamer	insect - moth	30/04/1965	07/04/2014	42
<i>Cosmorhoe ocellata</i>	Purple Bar	insect - moth	12/09/2008	-	1
<i>Pennithera firmata</i>	Pine Carpet	insect - moth	02/10/2007	02/11/2008	10
<i>Thera britannica</i>	Spruce Carpet	insect - moth	02/10/2008	08/10/2008	2
<i>Thera obeliscata</i>	Grey Pine Carpet	insect - moth	06/09/2006	24/10/2008	20
<i>Thera cupressata</i>	Cypress Carpet	insect - moth	12/11/2005	16/11/2012	6
<i>Plemyria rubiginata</i>	Blue-bordered Carpet	insect - moth	29/06/2006	22/06/2009	5
<i>Operophtera brumata</i>	Winter Moth	insect - moth	16/12/2005	07/12/2015	33
<i>Electrophaes corylata</i>	Broken-barred Carpet	insect - moth	28/05/2005	01/06/2010	3
<i>Operophtera</i>		insect - moth	16/12/2005	30/12/2005	2
<i>Gandaritis pyraliata</i>	Barred Straw	insect - moth	29/06/2006	-	2
<i>Ecliptopera silaceata</i>	Small Phoenix	insect - moth	28/05/2005	16/05/2010	10
<i>Chloroclysta siterata</i>	Red-Green Carpet	insect - moth	03/10/2006	26/11/2008	16
<i>Dysstroma truncata</i>	Common Marbled Carpet	insect - moth	28/05/2005	11/06/2010	55
<i>Colostygia pectinataria</i>	Green Carpet	insect - moth	12/04/2003	08/06/2013	29
<i>Scotopteryx chenopodiata</i>	Shaded Broad-bar	insect - moth	19/07/2006	09/07/2015	22
<i>Cidaria fulvata</i>	Barred Yellow	insect - moth	14/06/2005	21/06/2008	6
<i>Hypsopygia costalis</i>	Gold Triangle	insect - moth	19/07/2006	22/07/2008	3
<i>Eudonia mercurella</i>	Small Grey	insect - moth	05/06/2008	30/08/2008	28
<i>Eudonia angustea</i>	Narrow-winged Grey	insect - moth	26/09/2008	-	1
<i>Eudonia lacustrata</i>	Little Grey	insect - moth	21/07/2007	22/07/2007	2
<i>Evergestis pallidata</i>	Chequered Pearl	insect - moth	01/08/2008	-	1
<i>Nomophila noctuella</i>	Rush Veneer	insect - moth	19/07/2006	19/07/2009	9
<i>Pleuroptya ruralis</i>	Mother of Pearl	insect - moth	05/07/2003	16/09/2015	23
<i>Udea olivalis</i>	Olive Pearl	insect - moth	29/06/2006	02/07/2009	9
<i>Udea prunalis</i>	Dusky Pearl	insect - moth	29/06/2006	30/07/2009	3
<i>Udea ferrugalis</i>	Rusty-dot Pearl	insect - moth	12/11/2005	14/10/2007	8
<i>Anania hortulata</i>	Small Magpie	insect - moth	29/06/2006	09/07/2015	15
<i>Anania perlucidalis</i>	Fenland Pearl	insect - moth	29/06/2006	-	1
<i>Anania coronata</i>	Elder Pearl	insect - moth	29/06/2006	19/07/2006	3
<i>Pyrausta purpuralis</i>	Common Purple & Gold	insect - moth	16/07/2008	30/06/2009	9
<i>Eudonia pallida</i>	Marsh Grey	insect - moth	16/09/2015	17/09/2015	2
<i>Dioryctria abietella</i>	Dark Pine Knot-horn	insect - moth	21/07/2008	-	1
<i>Zygaena filipendulae subsp. filipendulae</i>		insect - moth	17/07/2014	-	1
<i>Zygaena lonicerae</i>	Narrow-bordered Five-spot Burnet	insect - moth	12/06/2004	05/07/2009	12
<i>Aphomia sociella</i>	Bee Moth	insect - moth	05/07/2003	30/07/2009	19
<i>Achroia grisella</i>	Lesser Wax Moth	insect - moth	30/08/2006	-	2
<i>Acrobasis repandana</i>	Warted Knot-horn	insect - moth	19/07/2006	-	2

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<i>Endotricha flammealis</i>	Rosy Tabby	insect - moth	05/07/2003	22/07/2009	33
<i>Acrobasis suavella</i>	Thicket Knot-horn	insect - moth	19/07/2006	21/07/2006	4
<i>Hypsopygia glaucinalis</i>	Double-striped Tabby	insect - moth	19/07/2006	09/06/2008	3
<i>Xanthorhoe montanata</i>	Silver-ground Carpet	insect - moth	28/05/2005	17/06/2013	12
<i>Myelois circumvoluta</i>	Thistle Ermine	insect - moth	08/07/2009	-	1
<i>Smerinthus ocellata</i>	Eyed Hawk-moth	insect - moth	09/07/2015	-	1
<i>Pyralis farinalis</i>	Meal Moth	insect - moth	28/06/2007	-	1
<i>Aglossa caprealis</i>	Small Tabby	insect - moth	31/12/1918	31/12/1927	2
<i>Euzophera pinguis</i>	Ash-bark Knot-horn	insect - moth	05/07/2003	10/08/2008	5
<i>Acrobasis advenella</i>	Grey Knot-horn	insect - moth	28/08/2005	27/08/2008	20
<i>Cymatophorina diluta hartwegi</i>	Oak Lutestring	insect - moth	22/09/2006	24/09/2010	8
<i>Phycita roborella</i>	Dotted Oak Knot-horn	insect - moth	22/07/2005	08/07/2009	12
<i>Calamotropha paludella</i>	Bulrush Veneer	insect - moth	19/07/2006	02/08/2007	3
<i>Euthrix potatoria</i>	Drinker	insect - moth	05/07/2003	08/07/2009	20
<i>Malacosoma neustria</i>	Lackey	insect - moth	11/05/2007	12/07/2010	5
<i>Trichiura crataegi</i>	Pale Eggar	insect - moth	04/09/2007	-	1
<i>Polyploca ridens</i>	Frosted Green	insect - moth	22/04/2007	11/04/2009	7
<i>Cymatophorima diluta</i>	Oak Lutestring	insect - moth	22/09/2006	-	1
<i>Ochropacha duplaris</i>	Common Lutestring	insect - moth	05/07/2003	19/06/2008	8
<i>Habrosyne pyritoides</i>	Buff Arches	insect - moth	05/07/2003	08/07/2009	7
<i>Thyatira batis</i>	Peach Blossom	insect - moth	05/07/2003	10/07/2008	5
<i>Cilix glaucata</i>	Chinese Character	insect - moth	28/05/2005	08/07/2009	16
<i>Drepana falcataria</i>	Pebble Hook-tip	insect - moth	19/07/2006	20/05/2010	4
<i>Watsonalla cultraria</i>	Barred Hook-tip	insect - moth	19/07/2006	-	1
<i>Watsonalla binaria</i>	Oak Hook-tip	insect - moth	27/04/2007	31/07/2010	2
<i>Crambus perlella</i>	Satin Grass-veneer	insect - moth	14/07/2006	31/07/2010	4
<i>Chrysoteuchia culmella</i>	Garden Grass-veneer	insect - moth	27/07/2005	01/06/2013	65
<i>Crambus pascuella</i>	Inlaid Grass-veneer	insect - moth	19/07/2006	-	2
<i>Poecilocampa populi</i>	December Moth	insect - moth	01/12/2006	02/12/2013	10
<i>Falcaria lacertinaria</i>	Scalloped Hook-tip	insect - moth	09/05/2008	-	1
<i>Crambus lathoniellus</i>	Hook-streak Grass-veneer	insect - moth	06/06/2006	06/06/2008	4
<i>Agriphila tristella</i>	Common Grass-veneer	insect - moth	10/08/2005	04/08/2013	59
<i>Agriphila selasella</i>	Pale-streak Grass-veneer	insect - moth	05/08/2005	16/08/2007	12
<i>Saturnia pavonia</i>	Emperor Moth	insect - moth	22/04/2008	-	1
<i>Agriphila geniculea</i>	Elbow-stripe Grass-veneer	insect - moth	21/08/2006	27/08/2008	16
<i>Nymphula nitidulata</i>	Beautiful China-mark	insect - moth	19/07/2006	26/06/2008	3
<i>Catoptria falsella</i>	Chequered Grass-veneer	insect - moth	23/08/2006	29/08/2008	2
<i>Acentria ephemerella</i>	Water Veneer	insect - moth	29/06/2006	08/07/2009	5
<i>Agriphila straminella</i>	Straw Grass-veneer	insect - moth	22/07/2005	20/08/2014	28
<i>Elophila nymphaeata</i>	Brown China-mark	insect - moth	18/08/2007	18/09/2014	3
<i>Crambus pratella</i>	Scarce Grass-veneer	insect - moth	05/07/2003	-	1
<i>Leucozona lucorum</i>		insect - true fly (Diptera)	04/08/2014	-	1
<i>Melangyna umbellatarum</i>		insect - true fly (Diptera)	31/12/2009	-	1
<i>Melanostoma scalare</i>		insect - true fly (Diptera)	17/07/2014	-	1



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<i>Myathropa florea</i>		insect - true fly (Diptera)	31/12/2012	29/07/2014	3
<i>Neoascia interrupta</i>		insect - true fly (Diptera)	30/06/2009	-	1
<i>Helophilus trivittatus</i>		insect - true fly (Diptera)	31/12/2012	-	1
<i>Episyrphus balteatus</i>	Marmalade Hoverfly	insect - true fly (Diptera)	31/12/2009	17/07/2014	3
<i>Platycheirus albimanus</i>		insect - true fly (Diptera)	17/07/2014	27/08/2014	2
<i>Platycheirus scutatus</i>		insect - true fly (Diptera)	17/07/2014	-	1
<i>Meliscaeva auricollis</i>		insect - true fly (Diptera)	31/12/2012	-	1
<i>Helophilus pendulus</i>		insect - true fly (Diptera)	31/08/2009	08/08/2014	5
<i>Eristalis pertinax</i>		insect - true fly (Diptera)	29/03/2014	27/08/2014	4
<i>Eristalis nemorum</i>		insect - true fly (Diptera)	31/12/2012	-	1
<i>Eristalis horticola</i>		insect - true fly (Diptera)	31/12/2012	-	1
<i>Eristalis</i>		insect - true fly (Diptera)	27/08/2014	-	1
<i>Epistrophe eligans</i>		insect - true fly (Diptera)	31/12/2012	-	1
<i>Dasysyrphus albostrigatus</i>		insect - true fly (Diptera)	31/12/2012	-	1
<i>Platycheirus rosarum</i>		insect - true fly (Diptera)	23/08/2014	-	1
<i>Sphenella marginata</i>		insect - true fly (Diptera)	14/09/2012	-	1
<i>Eristalis arbustorum</i>		insect - true fly (Diptera)	04/08/2009	-	1
<i>Volucella zonaria</i>		insect - true fly (Diptera)	20/07/2009	14/08/2014	3
<i>Cheilosia proxima</i>		insect - true fly (Diptera)	17/07/2014	-	1
<i>Phasia hemiptera</i>		insect - true fly (Diptera)	04/08/2014	-	1
<i>Gymnosoma rotundatum</i>		insect - true fly (Diptera)	12/08/2014	-	2
<i>Eriothrix rufomaculata</i>		insect - true fly (Diptera)	16/08/2014	-	1
<i>Mesembrina meridiana</i>		insect - true fly (Diptera)	04/08/2009	-	1
<i>Chirosia betuleti</i>		insect - true fly (Diptera)	14/09/2012	-	1
<i>Urophora stylata</i>		insect - true fly (Diptera)	28/06/2007	14/09/2012	2
<i>Urophora cardui</i>		insect - true fly (Diptera)	14/09/2012	-	1
<i>Urophora jaceana</i>		insect - true fly (Diptera)	14/09/2012	-	1
<i>Xanthogramma pedissequum</i>		insect - true fly (Diptera)	31/12/2012	-	1
<i>Scaeva pyrastris</i>		insect - true fly (Diptera)	31/12/2009	-	1
<i>Volucella pellucens</i>		insect - true fly (Diptera)	31/12/2009	08/08/2014	5
<i>Volucella inanis</i>		insect - true fly (Diptera)	04/08/2014	-	1
<i>Volucella bombylans</i>		insect - true fly (Diptera)	21/07/2014	-	1
<i>Syrphus vitripennis</i>		insect - true fly (Diptera)	31/12/2009	-	1
<i>Syrphus ribesii</i>		insect - true fly (Diptera)	26/07/2009	-	1
<i>Syrphus</i>		insect - true fly (Diptera)	27/08/2014	-	1
<i>Syrirta pipiens</i>		insect - true fly (Diptera)	21/07/2014	-	2
<i>Sphaerophoria taeniata</i>		insect - true fly (Diptera)	31/12/2012	-	1
<i>Sphaerophoria scripta</i>		insect - true fly (Diptera)	31/12/2009	21/07/2014	2
<i>Campiglossa malaris</i>		insect - true fly (Diptera)	28/06/2007	-	1
<i>Macrodiplosis pustularis</i>		insect - true fly (Diptera)	14/09/2012	-	1
<i>Dasineura lupulinae</i>		insect - true fly (Diptera)	14/09/2012	-	1
<i>Dasineura loewiana</i>		insect - true fly (Diptera)	14/09/2012	-	1
<i>Dasineura lathyri</i>		insect - true fly (Diptera)	14/09/2012	-	1
<i>Dasineura kiefferiana</i>		insect - true fly (Diptera)	14/09/2012	-	1

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<i>Dasineura irregularis</i>		insect - true fly (Diptera)	14/09/2012	-	1
<i>Dasineura fraxini</i>		insect - true fly (Diptera)	14/09/2012	-	1
<i>Dasineura fraxinea</i>		insect - true fly (Diptera)	14/09/2012	-	1
<i>Dasineura crataegi</i>		insect - true fly (Diptera)	14/09/2012	-	1
<i>Dasineura plicatrix</i>		insect - true fly (Diptera)	14/09/2012	-	1
<i>Lasioptera rubi</i>		insect - true fly (Diptera)	14/09/2012	-	1
<i>Dasineura rosae</i>		insect - true fly (Diptera)	14/09/2012	-	1
<i>Harmandiola tremulae</i>		insect - true fly (Diptera)	14/09/2012	-	1
<i>Harmandiola globuli</i>		insect - true fly (Diptera)	14/09/2012	-	1
<i>Contarinia petioli</i>		insect - true fly (Diptera)	14/09/2012	-	1
<i>Contarinia barbichei</i>		insect - true fly (Diptera)	14/09/2012	-	1
<i>Kiefferia pericarpicola</i>		insect - true fly (Diptera)	14/09/2012	-	1
<i>Wachtliella caricis</i>		insect - true fly (Diptera)	14/09/2012	-	1
<i>Bibio marci</i>	St Marks Fly	insect - true fly (Diptera)	07/05/2011	-	1
<i>Chrysotoxum bicinctum</i>		insect - true fly (Diptera)	28/06/2007	13/08/2014	5
<i>Cheilosia soror</i>		insect - true fly (Diptera)	17/07/2014	-	1
<i>Dasineura acrophila</i>		insect - true fly (Diptera)	14/09/2012	-	1
<i>Chironomus</i>		insect - true fly (Diptera)	27/11/2008	-	1
<i>Cheilosia illustrata</i>		insect - true fly (Diptera)	27/06/2014	-	1
<i>Empis livida</i>		insect - true fly (Diptera)	28/06/2007	-	1
<i>Macrodiplosis roboris</i>		insect - true fly (Diptera)	14/09/2012	-	1
<i>Dasineura populeti</i>		insect - true fly (Diptera)	14/09/2012	-	1
<i>Leptogaster cylindrica</i>	Striped Slender Robberfly	insect - true fly (Diptera)	28/06/2007	09/07/2015	2
<i>Bombylius major</i>	Dark-edged Bee-fly	insect - true fly (Diptera)	19/04/2010	29/04/2011	9
<i>Chloromyia formosa</i>	Broad Centurion	insect - true fly (Diptera)	28/06/2007	-	1
<i>Haematopota pluvialis</i>	Notch-horned Cleg	insect - true fly (Diptera)	09/07/2015	-	1
<i>Semudobia tarda</i>		insect - true fly (Diptera)	14/09/2012	-	1
<i>Semudobia skuhravae</i>		insect - true fly (Diptera)	14/09/2012	-	1
<i>Semudobia betulae</i>		insect - true fly (Diptera)	14/09/2012	-	1
<i>Iteomyia major</i>		insect - true fly (Diptera)	14/09/2012	-	1
<i>Dasineura trifolii</i>		insect - true fly (Diptera)	14/09/2012	-	1
<i>Dasineura urticae</i>		insect - true fly (Diptera)	14/09/2012	-	1
<i>Pachygaster atra</i>	Dark-winged Black	insect - true fly (Diptera)	28/06/2007	-	1
<i>Dasineura viciae</i>		insect - true fly (Diptera)	14/09/2012	-	1
<i>Jaapiella jaapiana</i>		insect - true fly (Diptera)	14/09/2012	-	1
<i>Jaapiella veronicae</i>		insect - true fly (Diptera)	14/09/2012	-	1
<i>Rabdophaga salicis</i>		insect - true fly (Diptera)	14/09/2012	-	1
<i>Rondaniola bursaria</i>		insect - true fly (Diptera)	14/09/2012	-	1
<i>Rabdophaga strobilina</i>		insect - true fly (Diptera)	14/09/2012	-	1
<i>Macrolabis heraclei</i>		insect - true fly (Diptera)	14/09/2012	-	1
<i>Neuroterus anthracinus f. agamic</i>	Oyster-gall Causer	insect - hymenopteran	14/09/2012	-	1
<i>Diplolepis eglanteriae</i>		insect - hymenopteran	14/09/2012	-	1
<i>Andricus curvator f. sexual</i>	Curved-leaf Gall Causer	insect - hymenopteran	14/09/2012	-	1
<i>Andricus corruptrix f. agamic</i>		insect - hymenopteran	14/09/2012	-	1

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<i>Andricus kollari</i>	Marble Gall	insect - hymenopteran	23/03/2015	-	1
<i>Diplolepis rosae</i>	Robin's Pin-Cushion Gall	insect - hymenopteran	14/09/2012	-	1
<i>Neuroterus numismalis f. agamic</i>	Silk-button Causer	insect - hymenopteran	14/09/2012	-	1
<i>Neuroterus albipes f. agamic</i>	Smooth-spangle Causer	insect - hymenopteran	14/09/2012	-	1
<i>Tetramesa hyalipennis</i>		insect - hymenopteran	14/09/2012	-	1
<i>Bombus (Thoracobombus) pascuorum</i>	Common Carder Bee	insect - hymenopteran	12/07/2007	16/08/2016	7
<i>Andricus fecundator f. agamic</i>	Artichoke Gall Causer	insect - hymenopteran	14/09/2012	-	1
<i>Neuroterus quercusbaccarum f. agamic</i>	Common Spangle Causer	insect - hymenopteran	14/09/2012	-	1
<i>Andricus grossulariae f. agamic</i>		insect - hymenopteran	14/09/2012	-	1
<i>Andricus lignicola f. agamic</i>	Cola-nut Causer	insect - hymenopteran	14/09/2012	-	1
<i>Andricus quadrilineatus f. agamic</i>	Furrowed-catkin Gall Causer	insect - hymenopteran	14/09/2012	-	1
<i>Andricus quercuscalicis f. agamic</i>	Knopper Gall Causer	insect - hymenopteran	14/09/2012	-	1
<i>Andricus quercuscorticis f. agamic</i>	Bark-gall Causer	insect - hymenopteran	14/09/2012	-	1
<i>Andricus seminationis f. agamic</i>	Spindle Gall Causer	insect - hymenopteran	14/09/2012	-	1
<i>Andricus solitarius f. agamic</i>	Hairy-spindle Gall Causer	insect - hymenopteran	14/09/2012	-	1
<i>Cynips longiventris f. agamic</i>	Striped-pea Gall Causer	insect - hymenopteran	14/09/2012	-	1
<i>Biorhiza pallida f. sexual</i>	Oak-apple Causer	insect - hymenopteran	14/09/2012	-	1
<i>Bombus (Pyrobombus) hypnorum</i>	Tree Bumblebee	insect - hymenopteran	20/05/2011	13/05/2012	2
<i>Andricus kollari f. agamic</i>	Marble Gall	insect - hymenopteran	14/09/2012	03/06/2015	2
<i>Biorhiza pallida</i>	Oak Apple	insect - hymenopteran	30/07/2009	14/09/2012	2
<i>Halictus (Seladonia) tumulorum</i>	Bronze Furrow Bee	insect - hymenopteran	03/07/1973	-	1
<i>Andricus nudus f. agamic</i>	Malpighi's Gall Causer	insect - hymenopteran	14/09/2012	-	1
<i>Andrena (Trachandrena) haemorrhoea</i>	Orange-tailed Mining Bee	insect - hymenopteran	19/03/2011	09/04/2011	3
<i>Bombus (Psithyrus) campestris</i>	Field Cuckoo Bee	insect - hymenopteran	09/08/2010	01/09/2010	2
<i>Andrena (Micrandrena) minutula</i>	Common Mini-miner	insect - hymenopteran	03/07/1973	-	2
<i>Lasioglossum (Evylaeus) albipes</i>	Bloomed Furrow Bee	insect - hymenopteran	16/08/2016	-	1
<i>Lasioglossum (Evylaeus) pauxillum</i>	Lobe-spurred Furrow Bee	insect - hymenopteran	03/07/1973	-	1
<i>Lasioglossum (Dialictus) morio</i>	Green Furrow Bee	insect - hymenopteran	03/07/1973	-	1
<i>Melitta tricincta</i>	Red Bartsia Blunthorn Bee	insect - hymenopteran	16/08/2016	-	1
<i>Athalia rosae</i>		insect - hymenopteran	31/07/2009	03/06/2015	3
<i>Blennocampa phyllocolpa</i>		insect - hymenopteran	14/09/2012	-	1
<i>Pontania (Eupontania) pedunculi</i>		insect - hymenopteran	14/09/2012	-	1
<i>Pontania (Pontania) bridgmanii</i>		insect - hymenopteran	14/09/2012	-	1
<i>Pontania (Pontania) proxima</i>		insect - hymenopteran	14/09/2012	-	1
<i>Bombus (Bombus) lucorum</i>	White-Tailed Bumble Bee	insect - hymenopteran	12/07/2007	27/04/2016	6
<i>Euura (Gemmura) mucronata</i>		insect - hymenopteran	14/09/2012	-	1
<i>Bombus (Bombus) terrestris</i>	Buff-Tailed Bumble Bee	insect - hymenopteran	17/03/2009	16/08/2016	12
<i>Bombus (Psithyrus) bohemicus</i>	Gypsy (Bohemian) Cuckoo Bee	insect - hymenopteran	01/09/2010	-	1
<i>Bombus</i>	Bumble Bee	insect - hymenopteran	09/06/2006	-	2
<i>Dolichovespula (Dolichovespula) media</i>		insect - hymenopteran	01/07/2000	01/07/2009	2
<i>Ancistrocerus nigricornis</i>		insect - hymenopteran	16/08/2016	-	1
<i>Lasius flavus</i>	Yellow Meadow Ant	insect - hymenopteran	04/06/2011	08/07/2015	2
<i>Amblyteles armatorius</i>		insect - hymenopteran	24/06/2011	-	1
<i>Pristiphora (Micronematus) monogyniae</i>		insect - hymenopteran	14/09/2012	-	1

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<i>Vespa crabro</i>	Hornet	insect - hymenopteran	08/05/2006	16/08/2016	32
<i>Bombus (Melanobombus) lapidarius</i>	Large Red Tailed Bumble Bee	insect - hymenopteran	28/06/2007	16/08/2016	12
<i>Phyllocolpa</i>		insect - hymenopteran	14/09/2012	-	1
<i>Petromyzontidae</i>		jawless fish (Agnatha)	02/08/2002	31/07/2012	6
<i>Cottus gobio</i>	Bullhead	bony fish (Actinopterygii)	01/08/2002	26/09/2012	14
<i>Esox lucius</i>	Pike	bony fish (Actinopterygii)	01/08/2002	29/07/2013	11
<i>Gasterosteus aculeatus</i>	Three-spined Stickleback	bony fish (Actinopterygii)	16/07/2003	14/08/2006	6
<i>Pungitius pungitius</i>	Nine-spined Stickleback	bony fish (Actinopterygii)	21/04/2009	14/10/2009	3
<i>Salmo trutta</i>	Brown/Sea Trout	bony fish (Actinopterygii)	16/07/2003	14/08/2006	3
<i>Tinca tinca</i>	Tench	bony fish (Actinopterygii)	31/05/2011	-	1
<i>Cyprinus carpio</i>	Common Carp	bony fish (Actinopterygii)	06/05/2008	18/07/2015	12
<i>Perca fluviatilis</i>	Perch	bony fish (Actinopterygii)	02/08/2002	29/07/2013	15
<i>Squalius cephalus</i>	Chub	bony fish (Actinopterygii)	01/08/2002	29/07/2013	18
<i>Scardinius erythrophthalmus</i>	Rudd	bony fish (Actinopterygii)	03/08/2006	29/07/2013	11
<i>Rutilus rutilus</i>	Roach	bony fish (Actinopterygii)	01/08/2002	18/07/2015	26
<i>Phoxinus phoxinus</i>	Minnow	bony fish (Actinopterygii)	01/08/2002	29/07/2013	16
<i>Gobio gobio</i>	Gudgeon	bony fish (Actinopterygii)	01/08/2002	29/07/2013	16
<i>Carassius auratus</i>	Goldfish	bony fish (Actinopterygii)	27/11/2008	-	1
<i>Abramis brama</i>	Common Bream	bony fish (Actinopterygii)	01/08/2002	13/07/2013	12
<i>Barbatula barbatula</i>	Stone Loach	bony fish (Actinopterygii)	01/08/2002	26/09/2012	10
<i>Anguilla anguilla</i>	European Eel	bony fish (Actinopterygii)	01/08/2002	31/07/2012	13
<i>Leuciscus leuciscus</i>	Dace	bony fish (Actinopterygii)	01/08/2002	29/07/2013	11
<i>Triturus cristatus</i>	Great Crested Newt	amphibian	15/07/1986	26/05/2016	39
<i>Bufo bufo</i>	Common Toad	amphibian	15/07/1986	13/09/2015	31
<i>Lissotriton</i>		amphibian	08/06/2006	12/05/2011	5
<i>Lissotriton helveticus</i>	Palmate Newt	amphibian	15/07/1986	22/06/2012	29
<i>Rana temporaria</i>	Common Frog	amphibian	01/03/1993	09/07/2015	59
<i>Lissotriton vulgaris</i>	Smooth Newt	amphibian	15/07/1986	02/09/2015	44
<i>Trachemys scripta subsp. elegans</i>	Red-eared Terrapin	reptile	23/05/2004	08/06/2008	3
<i>Chelydra serpentina</i>	Snapping Turtle	reptile	16/02/2009	15/06/2009	2
<i>Zootoca vivipara</i>	Common Lizard	reptile	17/08/1988	16/08/2014	77
<i>Anguis fragilis</i>	Slow-worm	reptile	17/08/1988	16/08/2016	154
<i>Natrix natrix</i>	Grass Snake	reptile	23/06/1992	16/08/2016	135
<i>Vipera berus</i>	Adder	reptile	12/05/2007	05/08/2009	4
<i>Sciurus carolinensis</i>	Eastern Grey Squirrel	terrestrial mammal	31/12/1935	10/06/2015	618
<i>Muntiacus reevesi</i>	Chinese Muntjac	terrestrial mammal	01/05/2007	-	1
<i>Dama dama</i>	Fallow Deer	terrestrial mammal	28/04/2010	14/02/2012	3
<i>Capreolus capreolus</i>	Roe Deer	terrestrial mammal	28/04/2000	29/05/2016	100
<i>Arvicola amphibius</i>	European Water Vole	terrestrial mammal	31/12/1966	04/10/2001	6
<i>Neovison vison</i>	American Mink	terrestrial mammal	06/09/1998	08/04/2010	7
<i>Micromys minutus</i>	Harvest Mouse	terrestrial mammal	31/12/1965	12/09/2015	6
<i>Vulpes vulpes</i>	Red Fox	terrestrial mammal	20/05/1991	30/11/2015	101
<i>Myodes glareolus</i>	Bank Vole	terrestrial mammal	28/10/2004	02/12/2015	33
<i>Microtus agrestis</i>	Field Vole	terrestrial mammal	28/10/2004	31/10/2014	23

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<i>Apodemus</i>		terrestrial mammal	31/10/2008	-	1
<i>Mustela putorius subsp. furo</i>	Feral Ferret	terrestrial mammal	22/03/2015	-	1
<i>Apodemus sylvaticus</i>	Wood Mouse	terrestrial mammal	30/05/2002	09/07/2015	18
<i>Pipistrellus pygmaeus</i>	Soprano Pipistrelle (55 kHz)	terrestrial mammal	20/07/2004	01/06/2015	25
<i>Rattus norvegicus</i>	Brown Rat	terrestrial mammal	31/12/2000	18/07/2015	60
<i>Muscardinus avellanarius</i>	Hazel Dormouse	terrestrial mammal	31/12/1962	29/03/2016	10
<i>Lepus europaeus</i>	Brown Hare	terrestrial mammal	31/12/1966	-	1
<i>Oryctolagus cuniculus</i>	European Rabbit	terrestrial mammal	28/04/2000	04/05/2016	354
<i>Apodemus flavicollis</i>	Yellow-necked Mouse	terrestrial mammal	31/12/1965	09/07/2015	9
<i>Myotis</i>	Unidentified Bat	terrestrial mammal	27/05/2011	17/07/2012	8
<i>Erinaceus europaeus</i>	West European Hedgehog	terrestrial mammal	16/04/1967	11/07/2016	39
<i>Soricidae</i>		terrestrial mammal	31/12/2009	31/12/2010	2
<i>Neomys fodiens</i>	Eurasian Water Shrew	terrestrial mammal	15/01/2008	19/04/2010	6
<i>Sorex araneus</i>	Eurasian Common Shrew	terrestrial mammal	29/08/2004	11/05/2015	29
<i>Sorex minutus</i>	Eurasian Pygmy Shrew	terrestrial mammal	19/04/2007	31/12/2010	7
<i>Talpa europaea</i>	European Mole	terrestrial mammal	20/01/2001	09/07/2015	50
<i>Chiroptera</i>	Bat sp.	terrestrial mammal	31/12/1985	17/09/2012	28
<i>Plecotus auritus</i>	Brown Long-eared Bat	terrestrial mammal	31/12/1969	01/06/2015	18
<i>Eptesicus serotinus</i>	Serotine	terrestrial mammal	25/09/1987	01/09/2011	6
<i>Mustela putorius</i>	Polecat	terrestrial mammal	11/02/2016	-	1
<i>Myotis daubentonii</i>	Daubenton's Bat	terrestrial mammal	20/07/2004	01/06/2015	5
<i>Myotis nattereri</i>	Natterer's Bat	terrestrial mammal	02/08/1994	22/06/2002	2
<i>Nyctalus noctula</i>	Noctule Bat	terrestrial mammal	17/07/2012	17/09/2015	4
<i>Pipistrellus</i>	Pipistrelle sp.	terrestrial mammal	31/07/1987	01/06/2015	61
<i>Pipistrellus pipistrellus</i>	Common Pipistrelle (45 kHz)	terrestrial mammal	20/07/2004	25/10/2013	35
<i>Plecotus</i>	Long-eared sp.	terrestrial mammal	02/03/2003	14/05/2014	34
<i>Mustela erminea</i>	Stoat	terrestrial mammal	31/12/1900	20/06/1993	3
<i>Mustela nivalis</i>	Weasel	terrestrial mammal	20/11/2004	30/12/2009	9
<i>Barbastella barbastellus</i>	Western Barbastelle	terrestrial mammal	14/05/2014	-	1

# **MAP CITATION SHEETS**

## LOCAL WILDLIFE SITE (LWS)

Formally known as Site of Nature Conservation Importance (SNCI)

A Local Wildlife Site (LWS) is a non-statutory designation which is identified at a county level. They typically form a network of sites that are recognised to be of local conservation importance and are often included in Local Authority development plans.

There are many sites within East and West Sussex and Brighton and Hove that are not recognised under the national designation of SSSI (Site of Special Scientific Interest) but are of considerable wildlife value due to the special interest of their flora or fauna. In May 1990 a Sussex-wide project was instigated to identify which non-designated sites were important for wildlife. The selected sites are now known as Local Wildlife Sites. The aim of this identification was to protect such sites from land management changes, which may lessen their nature conservation interest, and to encourage sensitive management to maintain and enhance their importance.

Sites within both rural and urban areas were considered but the evaluation process considers two types of site under slightly different criteria:

- **Rural sites**, that may contain habitats such as heathland or ancient woodland, must be of county-wide importance.
- **Urban sites** must recognise the importance to safeguard important urban wildlife sites, to link all significant greenspaces and to ensure that people in towns have easy access to wildlife areas.

After extensive survey work, the selection of LWS was made by a panel of expert ecologists. This panel included representatives from the relevant County Council, English Nature (now Natural England) and the Sussex Wildlife Trust. A range of specialists with either specific species knowledge or a sound knowledge of the county's ecology were also involved with the selection process. Assessment and identification of LWS is a continuing process with new sites being identified and others deleted as ecological knowledge of the total resource and specific sites increase.

In West Sussex LWS selection is steered by the County Council, whereas in East Sussex it is steered by the District/Borough Councils. Currently there are over 600 LWS in Sussex.

Although LWS have no statutory protection they need to be considered in the planning process through Planning Policy Guidance such as PPG9 which refers to the Town & Country Planning Act 1990 Section 30. This states that nature conservation issues should be included in the surveys of local authority areas to ensure that the plans are based on fully adequate information about local species, habitats, geology and landform. Plans should be concerned not only with designated areas but also with other land of conservation value and the possible provision of new habitats.

LWS citations outline the characteristics of the area based on its semi-natural vegetation and the underlying geology and are in three main sections :-

- **Summary** which highlights the nature conservation importance of the site
- **Site description or site notes** which gives further descriptive details about the site and its associated species
- **Management recommendations** which give a brief indication of the type of management that would best maintain the nature conservation interest of the site.

It is important to realise that classification as a LWS in no way reduces the value of other wildlife sites. Sites of LWS quality may not have been surveyed for various reasons. All areas of semi-natural vegetation are important to wildlife. Many rare plants and animals occur in seemingly otherwise uninteresting sites and may be overlooked by the survey.

## SITE OF NATURE CONSERVATION IMPORTANCE (SNCI)

### West Sussex

<b>Site Name:</b>	Sparrow Copse	<b>Owner:</b>	Private
<b>Site Ref:</b>	H08	<b>Size (ha):</b>	8.5
<b>District:</b>	Horsham	<b>Date:</b>	Identified May 1992
<b>Parish:</b>	Southwater	<b>Author:</b>	Louise Clark
<b>National Grid Ref:</b>	TQ151293		
<b>Habitat:</b>	Semi-natural woodland		

#### Summary

This wood consists mostly of Ash/Maple woodland situated on the slopes of a stream valley. It has a diverse shrub layer, and a species rich ground flora and supports a good variety of mosses and liverworts.

#### Site description

This wood is sited mostly along a steep-sided stream valley. On the valley side there is well-structured Ash/Maple woodland, an uncommon type. It has a fairly diverse shrub layer consisting mostly of Hazel coppice, Elder and Hawthorn with occasional Black Currant *Ribes nigrum*, Dogwood *Thelycrania sanguinea* and Spindle *Euonymus europaeus* throughout. The ground flora is species-rich and forms a dense cover. Frequent species includes Dog's Mercury *Mercurialis perennis*, Yellow Archangel *Lamiastrum galeobdolon*, Bluebells *Hyacinthoides non-scripta* and Ground Ivy *Glechoma hederacea*.

Additionally, Oak/Hazel woodland can be found on flatter ground where Bramble *Rubus fruticosus*, Bluebell and Dog's Mercury are frequent in the ground flora. Also, Alder occurs beside the steeply banked stream with some Wych Elm. The ground flora near the stream has additional species such as Wood Avens *Geum urbanum*, Hedge Woundwort *Stachys sylvatica*, and Male and Buckler ferns *Dryopteris spp.*. Carpets of Liverworts occur on the stream banks and there are a few small wet areas adjacent to the stream where Opposite-leaved Golden-saxifrage *Chrysosplenium oppositifolium*, Creeping Buttercup *Ranunculus repens* and Common Nettle *Urtica dioica* are frequent.

#### Management recommendations

This wood would benefit from the re-introduction of a coppicing regime. Additionally, rides and tracks throughout should be kept wide and open.



## SITE OF NATURE CONSERVATION IMPORTANCE (SNCI)

### West Sussex

<b>Site Name:</b>	<b>The Downs Link, Nutham Wood &amp; Greatsteeds Farm Meadow</b>		
<b>Site Ref:</b>	H33	<b>Owner:</b>	Private
<b>District:</b>	Horsham	<b>Size (ha):</b>	35.1
<b>Parish:</b>	Nuthurst, Southwater & Shipley	<b>Date:</b>	Identified May 1992
<b>National Grid Ref:</b>	TQ165255 to TQ179238	<b>Author:</b>	Graham Roberts
<b>Habitat:</b>	Disused railway, semi-natural woodland, coniferous plantation, stream and neutral meadow		

#### Summary

The Downs Link, a dismantled railway line, has developed into an interesting moderately species-rich belt of shrubs. This supports a large colony of the rare Brown Hairstreak butterfly. A number of important wildlife sites lie adjacent to the old railway, notably a small, herb-rich meadow and small, stream-side, ancient semi-natural woodlands. Nutham Wood, in particular, has a very rich ground flora.

#### Site description

The Downs Link, a bridleway, is bounded on both sides by thick hedges of Blackthorn, Hawthorn and Guelder Rose. This Blackthorn is the larval foodplant of the Brown Hairstreak.

Nutham Wood, although small, has a very varied and outstandingly rich flora. Alongside the stream there are Alder trees grown from coppice with abundant Hazel. Ramsons *Allium ursinum* form a dense carpet over much of the stream valley. Toothwort *Lathraea squamaria*, an uncommon parasitic plant, grows on the Hazel. More freely drained ground supports Pedunculate Oak and Hazel with occasional Hornbeam, Ash and Field Maple. The ground flora includes Bluebell *Hyacinthoides non-scripta*, Wood Anemone *Anemone nemorosa*, Bramble *Rubus fruticosus* and Honeysuckle *Lonicera periclymenum*. Noteworthy species include Aspen, Guelder Rose, Midland Hawthorn, Goldilocks Buttercup *Ranunculus auricomus*, Wood Spurge *Euphorbia amygdaloides*, Yellow Archangel *Lamium galeobdolon* and Moschatel *Adoxa moschatellina*.

The small, triangular meadow has a moderately rich flora. The most abundant herbs are Common Knapweed *Centaurea nigra*, Yellow Rattle *Rhinanthus minor*, Meadow Buttercup *Ranunculus acris*, Common Bird'-foot-trefoil *Lotus corniculatus* and Common Fleabane *Pulicaria dysenterica*. Four species of orchid, namely Green-winged *Orchis morio*, Fragrant *Gymnadenia conopsea*, Southern Marsh *Dactylorhiza praetermissa* and Common Spotted Orchid *D. fuchsii* have been recorded. Also of note is the present of Adder's-tongue *Ophioglossum vulgatum*, Quaking Grass *Briza media*, Meadow Brome *Bromus commutatus* and Common Sedge *Carex nigra*.

#### Management recommendations

The meadow should be cut for hay, preferably with the cuttings removed. Sections of Blackthorn scrub along the Downs Link may require rotational coppicing in order to maintain the Brown Hairstreaks. The site is being monitored by the County Council's Countryside Rangers and the British Butterfly Conservation Society.

## SITE OF NATURE CONSERVATION IMPORTANCE (SNCI)

### West Sussex

<b>Site Name:</b>	Courtland Wood		
<b>Site Ref:</b>	H50	<b>Owner:</b>	Private
<b>District:</b>	Horsham	<b>Size (ha):</b>	5.8
<b>Parish:</b>	Southwater	<b>Date:</b>	Identified May 1994
<b>National Grid Ref:</b>	TQ151272	<b>Author:</b>	Ann Griffiths
<b>Habitat:</b>	Semi-natural woodland and conifer with replanted broadleaved trees		

#### Summary

A relatively small semi-natural broadleaved woodland, with conifer introductions in the east. Damaged by the 1987 storm and now replanted with broadleaved, the wood has a varied structure, dominated in the west by Small-leaved Lime coppice.

#### Site description

The woodland lies on Weald Clay. It has a southerly aspect and dips down to a stream valley in the west. Although with some conifer in the east the semi-natural broadleaved woodland characteristics predominate. Identified by the then Nature Conservancy Council as Ancient woodland in the Provisional Atlas for West Sussex in 1989, the ground flora supports a good number of ancient woodland indicators. Of note are Goldilocks Buttercup *Ranunculus auricomus*, Ramsons *Allium ursinum*, Yellow Archangel *Lamium galeobdolon* and Greater Butterfly Orchid *Platanthera chlorantha*. Bluebells *Hyacinthoides non-scripta* and Wood Anemone *Anemone nemorosa* are plentiful, together with some Wood-sorrel *Oxalis acetosella*. Of especial interest is the Small-leaved Lime coppice which dominates the western end. This is interspersed with Midland Hawthorn, Crab Apple and Cherry. This unusual woodland type in the County is of particular note.

#### Management recommendations

The replanting of broadleaves, in place of the conifer is to be welcomed. A re-introduction of coppice cutting would be desirable, coupled with management of the paths and rides through the wood to maintain structural diversity.

## SITE OF NATURE CONSERVATION IMPORTANCE (SNCI)

### West Sussex

<b>Site Name:</b>	Southwater Country Park Complex		
<b>Site Ref:</b>	H70	<b>Owner:</b>	Horsham District Council
<b>District:</b>	Horsham	<b>Size (ha):</b>	25
<b>Parish:</b>	Southwater	<b>Date:</b>	Identified April 2010
<b>National Grid Ref:</b>	TQ158257	<b>Author:</b>	Ben Rainbow
<b>Habitat:</b>	Species-rich grassland, ponds, reedbed, scrub and ancient woodland		

#### Summary

Southwater Country Park exists on a former brickworks site. The site was landscaped and opened as a Country Park in 1986. Since then it has been managed for amenity, recreation and nature conservation. It consists of a mosaic of habitats and supports a number of rare and scarce species. The site is partially encompassed by development and of great value to the local community.

#### Site description

Southwater Country Park SNCI consists of two adjoining areas. The western area includes cripplegate pond, several smaller ponds and a mosaic of grassland, broadleaved woodland and wetland habitats. Cripplegate pond is largely open water with areas of common reed *Phragmites australis*, supporting breeding reed warbler *Acrocephalus scirpaceus* and reed bunting *Emberiza schoeniclus*. Winter wildfowl are recorded including tufted duck *Aythya fuligula* and pochard *Aythya ferina*. The other ponds and ditches support dragonflies including downy emerald *Cordulia aenea* and amphibians including greater-crested newt *Triturus cristatus*. The grassland is moderately species-rich and supports a number of orchids including southern marsh *Dactylorhiza praetermissa*. Recent broadleaved woodland is species-rich, including alder, willow, pedunculate oak and aspen. The nationally scarce mocha moth *Cyclophora annulata* occurs on field maple. Nightingale *Luscinia megarhynchos* still breed in dense scrub.

The eastern area consists of moderately species-rich grassland, mature hedgerows, broadleaved woodland and a flooded quarry called Quarry Pond. The mosaic habitats support a diversity of butterfly brown hairstreak *Thecla betulae*, grizzled skipper *Pyrgus malvae*, dingy skipper *Erynnis tages*, small blue *Cupido minimus*, marbled white *Melanargia galathea*, and herpetofauna slowworm *Anguis fragilis* grass snake *Natrix natrix*, common lizard *Lacerta vivipara* and adder *Vipera berus*. A strip of ancient woodland has a diverse ground flora including toothwort *Lathraea squamaria*, moschatel *Adoxa moscatellina*, wood anemone *Anemone nemorosa* and ransoms *Allium ursinum*. The grassland is largely species-rich with black knapweed *Centaurea nigra*, common bird's-foot trefoil *Lotus corniculatus*, grass vetchling *Lathyrus nissolia*, betony *Betonica officinalis*, adder's-tongue fern *Ophioglossum vulgatum*, sneezewort *Achillea ptarmica* and pepper-saxifrage *Silaum silaus*. Quarry Pond supports a large population of white-legged damselfly *Platycnemis pennipes*. Scarce chaser *Libellula fulva* dragonfly has also been recorded.

#### Management Suggestions

The Country Park landholding is being sympathetically managed by the landowner Horsham District Council. Types of positive management include, scrub management and hay cutting in late summer. These management practices should continue. Visitors are managed so some areas of the site remain undisturbed for wildlife.

## SITE OF SPECIAL SCIENTIFIC INTEREST (SSSI)

Sites of Special Scientific Interest (SSSIs) are areas notified under the Wildlife and Countryside Act 1981, as being of special interest for nature conservation. They represent the finest sites for wildlife and natural features supporting many characteristic, rare and endangered species, habitats and natural features. Notification as a SSSI is primarily a legal mechanism organised by Natural England and selected according to specific scientific criteria. *The Guidelines for the Selection of Biological SSSIs*, published in 1989 by the Joint Nature Conservation Council, set down the selection criteria for both biological and geological SSSIs.

**Biological SSSIs** form a national network of wildlife sites. Sites are selected in such a way that the protection of each site, and hence the network, aims to conserve the minimum area of wildlife habitat necessary to maintain the natural diversity and distribution of Britain's native flora and fauna and the communities they comprise. Each site, therefore, is of national significance for its nature conservation value.

**Geological SSSIs** are sites chosen for their research value, the criterion being that they are of national or international importance. Geological conservation is concerned with the maintenance of our geological and geomorphological heritage.

There are over 4,000 SSSIs in England of which just under 150 are in Sussex. Natural England is responsible for identifying and protecting these sites. This is achieved, primarily, in partnership with SSSI owners and managers, and as a result the majority are in good condition and well managed.

Ever growing pressures on our landscape and countryside mean that SSSIs are an increasingly precious part of our natural heritage. Damaging SSSIs is unacceptable, either in the short or long term, and must be avoided if they are to remain the finest wildlife and natural heritage sites in England. Once lost, the special interest of a site may be difficult or impossible to restore or recreate. Owners and occupiers (i.e. landowners, tenants and commoners) of SSSIs must give Natural England written notice before initiating any operations likely to damage the site, or allowing someone else to carry out these activities. None of the operations listed in the notification documents may proceed without Natural England's consent.

Under the Countryside and Rights of Way Act 2000 (CROW) anyone who intentionally or recklessly destroys or damages any of the flora, fauna or geological or physiological features of an SSSI is guilty of an offence. They are liable, on summary conviction, of a fine of up to £20,000.

For more information on SSSIs visit the [Natural England website](#).

## KEY NATIONAL AND INTERNATIONAL SITE DESIGNATIONS

### National Nature Reserve (NNR)

National Nature Reserves are statutory reserves established under the Wildlife and Countryside Act 1981. NNRs may be owned by the relevant national body (e.g. Natural England in England) or established by agreement. A few are owned and managed by non-statutory bodies, for example the Sussex Wildlife Trust. NNRs cover a selection of the most important sites for nature conservation in the UK. There are six NNRs in Sussex.

### Special Area of Conservation (SAC)

Special Areas of Conservation are sites designated by Member States under the EC Habitats Directive. The aim is to establish a European network of important high quality conservation sites that will make a significant contribution to conserving habitats and species considered to be most in need of conservation at a European level. There are 12 SAC sites in Sussex.

### Special Protection Area (SPA)

Special Protection Areas are designated under the EC Birds Directive, to conserve the habitat of certain rare or vulnerable birds and regularly occurring migratory birds. Any significant pollution or disturbance to or deterioration of these sites has to be avoided. All SPAs are also designated as SSSIs. There are six SPA sites in Sussex.

### Ramsar

Ramsar sites are designated under the Convention on Wetlands of International Importance. Under the Convention, each government must select its best wetlands according to very clear criteria, which include: a wetland that regularly supports 20,000 or more waterbirds; a wetland that regularly supports 1% of the individuals in a population of one species or subspecies of waterbird. Wetlands are broadly defined to include marsh, fen, peatland and water. All designated Ramsar sites are also designated as SSSIs. There are four Ramsar sites in Sussex.

### National Park

National Parks are beautiful, spectacular and often dramatic expanses of countryside. In the UK people live and work in the National Parks and the farms, villages and towns are protected along with the landscape and wildlife. They differ from Areas of Outstanding Natural Beauty (AONBs) in that each National Park has its own authority for planning control and other services.

The creation of the South Downs National Park (SDNP) was confirmed on 12th November 2009 and came into being on 1st April 2010.

Further information can be found on the [SDNP Authority website](#).

### Area of Outstanding Natural Beauty (AONB)

Areas of Outstanding Natural Beauty are areas of high scenic quality that have statutory protection in order to conserve and enhance the natural beauty of their landscapes. They differ from National Parks in their more limited opportunities for extensive outdoor recreation and by the way they are managed. AONBs are designated by Natural England under the Countryside and Rights of Way Act 2000.

There are two AONBs in Sussex covering approx. 114,000 hectares; Chichester Harbour and High Weald. Each has an associated body concerned with the area's conservation:

**Chichester Harbour Conservancy** [www.conservancy.co.uk](http://www.conservancy.co.uk)

**High Weald AONB Unit** [www.highweald.org](http://www.highweald.org)

### Marine Conservation Zone (MCZ)

MCZs protect a range of nationally important marine wildlife, habitats, geology and geomorphology. In November 2013 27 MCZs were designated in English inshore and English and Welsh offshore waters in the first tranche of sites. Three of these sites were designated off Sussex; Kingmere, Beachy Head West and Pagham Harbour. More MCZs will be designated in future rounds or 'tranches', although it is uncertain how many.

Further information can be found on the [JNCC website](#).

## **Local Nature Reserve (LNR)**

Local Nature Reserves are for both people and wildlife. All district and county councils have powers to acquire, declare and manage LNRs. To qualify for LNR status, a site must be of importance for wildlife, geology, education or public enjoyment. Some are also SSSIs. There are 36 LNRs in Sussex.

## **Country Park**

Country Parks were established as a result of the 1968 Countryside Act to provide a wide range of opportunities for recreation, health, education and improve the quality of life for local communities. Natural England recognises Country Parks as significant places that contribute to England's accessible natural green space. There are 11 Country Parks in Sussex, the details of which can be obtained from the local authorities.

## **Local Geological Site (LGS)**

Previously known as Regionally Important Geological/Geomorphological Sites (RIGGS), LGS are non-statutory designations that have been identified by local geodiversity groups as being of importance. There are over 120 LGS in Sussex which have been assessed by the Sussex Geodiversity Partnership. The features identified as being important become a material consideration in any future development, and should be taken into account by the relevant local authority.

A selection of LGS with public access in Sussex can be viewed on the [Sussex Geodiversity Partnership's website](#).

## **Marine Site of Nature Conservation Importance (MSNCI)**

Marine Sites of Nature Conservation Importance are non-statutory sites identified on account of the special interest of their marine habitats, the fauna and flora, or for unusual geological and geomorphological features. They are an extension of the series of terrestrial SNCIs. The identification of these sites is to highlight their importance for marine wildlife and to emphasise the risks of certain operations damaging their interest. There are 23 MSNCIs off the Sussex coast.

## **Environmental Stewardship**

Environmental Stewardship is an agri-environment scheme managed by Natural England that provides funding to farmers and other land managers to deliver effective environmental management.

There are four elements to Environmental Stewardship, three of which are relevant in Sussex:

**Entry Level Stewardship (ELS)** goes beyond the Single Payment Scheme requirement to maintain land in good agricultural and environmental condition.

**Organic Entry Level Stewardship (OELS)** is the organic strand of ELS. It is geared to organic and organic/conventional mixed farming systems and is open to all farmers not receiving Organic Farming Scheme aid.

**Higher Level Stewardship (HLS)** involves more complex types of management where agreements are tailored to local circumstances.

Further information can be found on the [Natural England website](#).

**Further information on many of the designations listed above can be found on the [Natural England website](#).**

## ANCIENT & VETERAN TREES

Ancient trees form a vital part of our landscape, heritage and biodiversity. They are scattered through most parts of the UK landscape where they are found in exceptionally large numbers compared with north east Europe. Ancient trees can be most easily found in the vestiges of the once extensive Royal Hunting Forests, such as Ashdown Forest, and medieval parks. Others occur in historic parkland, landscaped gardens, woodland, wood pasture and ancient wooded commons. There are also small groups and individual trees scattered around housing estates, urban parks, village greens and churchyards. Some ancient trees are found on farmland, usually in hedgerows or old boundary features.

In Sussex, some of the largest recorded girths belong to: the Queen Elizabeth oak of 12.67m at Cowdray Park, a yew of 8.5m in Wilmington churchyard; a beech of 8.4m on Ashdown Forest; and a sweet chestnut of 7.2m at Herstmonceux Castle.

There are different definitions for mature trees, depending mainly on their stage of life:

**Ancient trees.** Biologically, aesthetically or culturally interesting because of their great age; In ancient or post-mature stage of life; Have a large girth relative to others of the same species.

**Veteran trees.** Usually in the second or mature stage of life; Have important wildlife and habitat features including hollowing or associated decay fungi, holes, wounds and large dead branches.

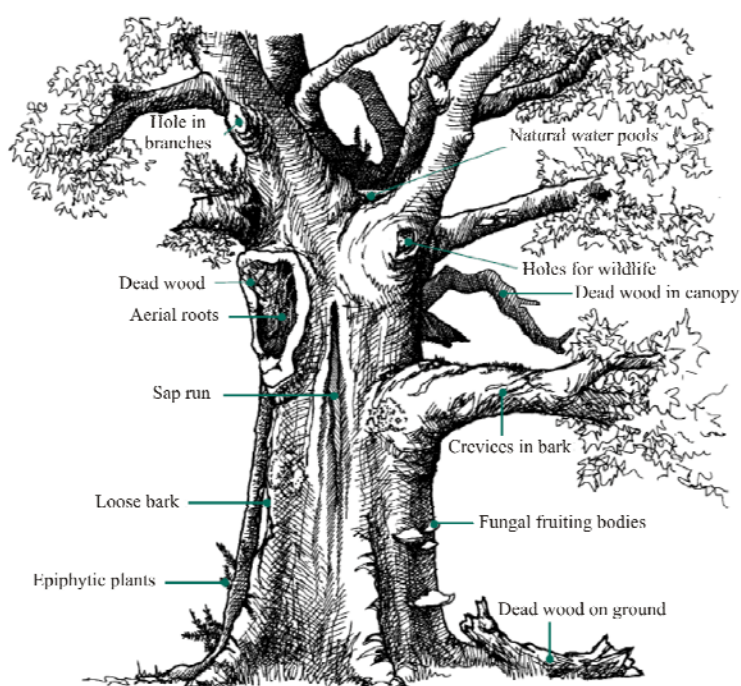
**Notable trees.** Locally important or of significance to the community; Specimen trees or considered to be the potential next generation of veteran trees.

### Ancient tree ecology

Ancient trees are unique as a wildlife habitat because of the exceptionally species-rich communities associated with wood decay and the bare surfaces of trunks, bough and roots. Clusters of ancient trees are even more important because together they offer a wide range of niche homes for many specialist species in one small area.

Approximately 1,700 (6%) invertebrate species in the British Isles are dependent on decaying wood to complete their life cycles. Species associated with decaying wood include: rare click beetles such as the violet click beetle *Limoniscus violaceus*, the wasp mimic crane fly *Ctenophora flaveolata* and the oak longhorn beetle *Rhagium mordax*. The black-headed cardinal beetle *Pyrochroa coccinea* is an insect associated with veteran trees and old growth woodland.

Old trees with splits, cracks, loose bark, holes and crevices are especially attractive to bats and in particular to woodland specialists such as the rare Barbastelle and Bechstein's bat.



Characteristic features of a veteran tree

Source: *Veteran Trees: A guide to good management*. Natural England, 2000.

### The Ancient Tree Hunt

The Ancient Tree Hunt is a nationwide search to map all of the old trees in the UK in order to plan for their active conservation. This project, led by the Woodland Trust in partnership with the Ancient Tree Forum and Tree Register of the British Isles, was launched in 2007.

Most of the trees recorded can be viewed on their website: [www.ancient-tree-hunt.org.uk](http://www.ancient-tree-hunt.org.uk)

# ANCIENT WOODLAND

Ancient woodland is defined by Natural England as an area that has had a continuous woodland cover since at least 1600 AD.

Sussex is one of the most wooded parts of lowland Britain with ancient woodland covering approximately 39,000ha (10%) of the county. Bluebell woods associated with coppicing, open wood pasture associated with deer parks and the small Wealden woods in ghyll valleys are a key part of Sussex's distinctive and varied landscape.



Bluebell

The habitat can be split into two broad categories:-

**Ancient semi-natural woodland** - is composed predominantly of trees and shrubs native to the site that do not obviously originate from planting. However, woodlands with small planting of trees native to the site would still be included in this category. The stands may have been managed by coppicing or pollarding in the past or the tree and shrub layer may have grown up by natural regeneration.

**Plantations on ancient woodland sites** - are areas of ancient woodland where the former native tree cover has been felled and replaced by planted trees, predominantly of species not native to the site. These will include conifers such as Norway spruce or Corsican pine, and also non-native broadleaves such as sweet chestnut. These sites often retain some ancient woodland features such as soils, ground flora, fungi, and woodland archaeology and as such they can respond well to restoration management.

## The importance of ancient woodland

Ancient woodland is of prime ecological and landscape importance, providing a vital part of a rich and diverse countryside. In particular, ancient woodland:

- is exceptionally rich in wildlife, and supports many rare and threatened species
- may contain surviving descendants and features from the original natural forests
- acts as reservoirs from which wildlife can spread into new woodlands
- has valuable soils due to their undisturbed nature
- is an integral part of England's historic landscapes and the biological and visual functioning of a landscape
- contains a wealth of features of historical and archaeological importance little altered by modern cultivation or disturbance

## Ancient Woodland Inventory

The Ancient Woodland Inventory was set up in 1981 by the Nature Conservancy Council (now Natural England). It originally only included sites over two hectares in size. Advances in digital mapping techniques mean it is now possible to map woodlands under two hectares with greater accuracy. This has led to a revision of the Ancient Woodland Inventory within the South East. The surveys for the revision of the inventory for Sussex were completed in 2010 and have been adopted by Natural England. However, the inventory will always be classed as "provisional" because it is reviewed and updated as new information comes to light.

Further information about the Ancient Woodland Inventory can be found on the [Natural England website](#).

(Illustration courtesy of Natural England.)



## GHYLL WOODLAND

Ghylls (or gills) are ancient steep-sided, wooded valleys created by streams cutting gullies into existing slopes. In the Sussex Weald, ghyll formation began in the Pleistocene period (pre 10,000 BC) by erosion of the sandstone making up the 'Hastings Beds'. Such ghylls occasionally contain outcrops of erosion resistant sandstone known as 'sandrock'.

Ghylls and sandrock outcrops create a microclimate similar to that of the Atlantic climate common to the west of England, but with different influences from the soil and geology. This microclimate is humid with a low frost incidence and for this reason our Sussex ghylls are strongholds for rare flora and fauna. Good examples of species adapted to this unique habitat are the Tunbridge filmy fern, the hay-scented buckler fern and bryophytes such as *Hyocomium armoricum*, *Dicranum scottianum* and *Scapania gracilis*. All of these species are rare in Britain and are found predominantly on the western seaboard of Wales.



Hard fern

The steep and rugged nature of these stream valleys has provided protection for this distinctive flora. Unlike much of the rest of the Sussex Weald, clearance and subsequent cultivation was not possible in the ghylls. The associated undisturbed woodland or scrubland can therefore often be regarded as 'ancient woodland'. In some cases there are remnants of original 'wildwood' as evidenced by the presence of indicator species such as small-leaved lime.

The hilly topography means that the land surrounding ghylls tends not to be intensively cultivated. As a consequence the water flowing in the streams is often relatively unpolluted and the delicate balance and biodiversity of this unique environment is maintained. Any contamination of the water supply, disruption to its flow or the invasion of exotic species such as rhododendron could do irreparable damage to this habitat.

Broadleaved woodland is a priority habitat for conservation in Sussex as it contains a higher number of UK Biodiversity Action Plan Priority Species than any other habitat. These species include dormouse, pearl bordered fritillary butterfly and the black-headed cardinal beetle.

### Objectives in the Habitat Action Plan include:

- Maintain the extent and habitat quality of ghyll woodland.
- Reverse the trend of degradation in ghyll woodlands and ensure that they are managed to achieve conservation objectives.
- Replace non-native tree species on ancient woodland sites.
- Provide mechanisms to help clear invading rhododendron.
- Implement systems for the control of animals believed to cause damage to woodland, such as squirrel and deer.
- Identify where ghyll woods are located and recommend their optimum management for conservation.
- Ensure pollution is prevented wherever possible.
- Encourage planning departments to refuse permission for ghyll woodland development.

(Illustration courtesy of Natural England.)

## TRADITIONAL ORCHARDS

Traditional orchards are areas of land on which a range of fruit and nut trees are cultivated that are managed in a low intensity way. Permanent grassland beneath the trees was traditionally grazed by livestock.



### **Why are they important?**

- The mosaic of habitats such as hedgerows, dead wood and fruit trees make traditional orchards important for a wide range of species.
- Traditional orchards provide the conditions needed for many bryophytes and lichens.
- Holes and crevices in old trees provide habitat for bats and nest sites for birds such as redstart and bullfinch.
- Dead and decaying wood makes traditional orchards hugely important for invertebrates, lichens and fungi.

### **Traditional orchards in Sussex**

The traditional orchards inventory\* lists over 900 sites in Sussex covering an area of approximately 300 hectares. It is estimated that around half of these orchards are currently in a poor condition.

### **What are the threats?**

- Changes in farming policy and markets has led to a decline in income from traditional orchard produce.
- A decline in the skills and knowledge to manage traditional orchards can lead to neglect.
- Loss of orchards can occur as fruit trees dying of old age are not replaced.
- Lack of protection under the current planning system.

### **Some associated species**

- Lesser spotted woodpecker *Picoides minor*
- Noctule *Nyctalus noctula*
- Lichen running-spider *Philodromus margaritatus*
- Noble chafer *Gnorimus nobilis*
- Mistletoe *Viscum album*
- A lichen *Ramonia chrysophaea*

### **\* The Traditional Orchard Inventory for England**

The traditional orchard data used in Sussex Biodiversity Record Centre reports are the result of a project run by the People's Trust for Endangered Species (PTES) on behalf of Natural England. The resulting inventory is based on combining existing survey data with aerial photograph interpretation, together with ground-truthing survey work by local volunteers. The inventory is provisional, and is still being refined and updated as new data becomes available. The project was completed in March 2011.

For the purpose of the inventory, traditional orchards are defined as sites where at least five fruit trees must be present with no more than 20m between their crown edges.

### **Further information**

Orchard Network: [www.orchardnetwork.org.uk](http://www.orchardnetwork.org.uk)

## WOOD-PASTURE & PARKLAND

Many parks were established in medieval times for aesthetic reasons, to provide grazing for farm animals or deer and to provide wood from pollarded trees. In later centuries, new landscaped parks were created from these medieval parks or by enclosing ordinary farmland. Wood-pasture and parkland is therefore the result of a distinctive, historic land-use system, and represents a vegetation structure rather than being a particular plant community.

Typically this structure consists of veteran trees with wide, spreading crowns growing in a matrix of grazed grassland or heathland. It is a habitat of cultural and historical significance and can also be of great ecological importance due to the wide range of species it supports. For these reasons, and due the threats facing the habitat, it is a UK Biodiversity Action Plan (BAP) habitat.



Pedunculate Oak

### Current status and distribution

There are no reliable statistics on the extent of this habitat in the UK, but it is most common in southern Britain. Sussex is particularly rich in wood-pasture and parkland with several large old deer parks, such as Petworth Park and Parham Park.

### Ecological significance

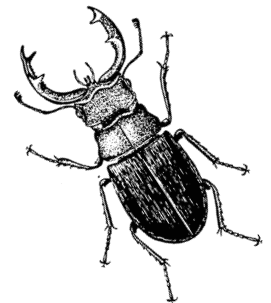
Wood-pasture and parkland is important for wildlife for a number of reasons:

- The mosaic of habitats together with the presence of veteran trees provides the conditions needed by certain species for every stage of their life cycle.
- There is often a continuity of old trees over hundreds of years, or even in some cases back to the post ice-age 'wildwood'. The trees have often been pollarded; this management technique extends their life and creates rot holes and crevices which are used by bats, hole-nesting birds and invertebrates.
- Sussex has the majority of the UK's mature English Elms following the loss of millions to Dutch Elm Disease.
- Rotten wood within ancient tree trunks supports saproxylic invertebrates (those that rely on dead wood for all or part of their life cycle) and are amongst the most threatened group of species in Europe. One such species is the click beetle *Lacon querceus*, which develops in dry red-rotten oak wood in veteran trunks and fallen boughs. The Stag Beetle is another saproxylic beetle often associated with pasture parkland.
- The old tree trunks also support unique communities of lichens, mosses and liverworts which depend on the stability of the surface provided by veteran trees. Two BAP Priority Species of lichen found on old trees include *Bacidia incompta* and *Enterographa sorediata*.

### Threats facing the habitat include:

- Isolation and fragmentation of the remaining parklands.
- Inappropriate grazing resulting in the loss of plant diversity and habitat structure.
- Agricultural intensification including reseeded, ploughing and use of fertilisers.
- Neglect and loss of veteran trees, and over-tidying of deadwood.

(Illustrations courtesy of Natural England.)



Stag Beetle

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The Sussex Biodiversity Record Centre is managed by the Sussex Wildlife Trust as a partnership project.  
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