



# Desktop Biodiversity Report

West Chiltington Parish

SxBRC/16/196

Prepared for Sharon Davis (West Chiltington Neighbourhood Plan Steering group)

20th June 2016

**Sussex Biodiversity Record Centre**  
**desktop report regarding**  
**West Chiltington Parish**  
**20th June 2016**

**Prepared for Sharon Davis**  
**West Chiltington Neighbourhood Plan Steering group**  
**SxBRC/16/196**

**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	PDF
Sussex Bat Inventory	Yes	PDF
Sussex Notable Bird Report	Yes	PDF
UK BAP Species Inventory	Yes	PDF
Sussex Rare Species Inventory	Yes	PDF
Sussex Invasive Alien Species	Yes	PDF
Full Species List	Yes	PDF
Environmental Survey Directory	Yes	PDF

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

**Local Wildlife Sites**

H54 - Cattlestone Farm  
H61 - Monkmead Woods

**Sites of Special Scientific Interest**

Hurston Warren

**Other Designations/Ownership**

Environmental Stewardship Agreement  
National Park  
Notable Road Verge

## 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.

Designated sites	
<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.
Habitats and natural features	
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/16/196)

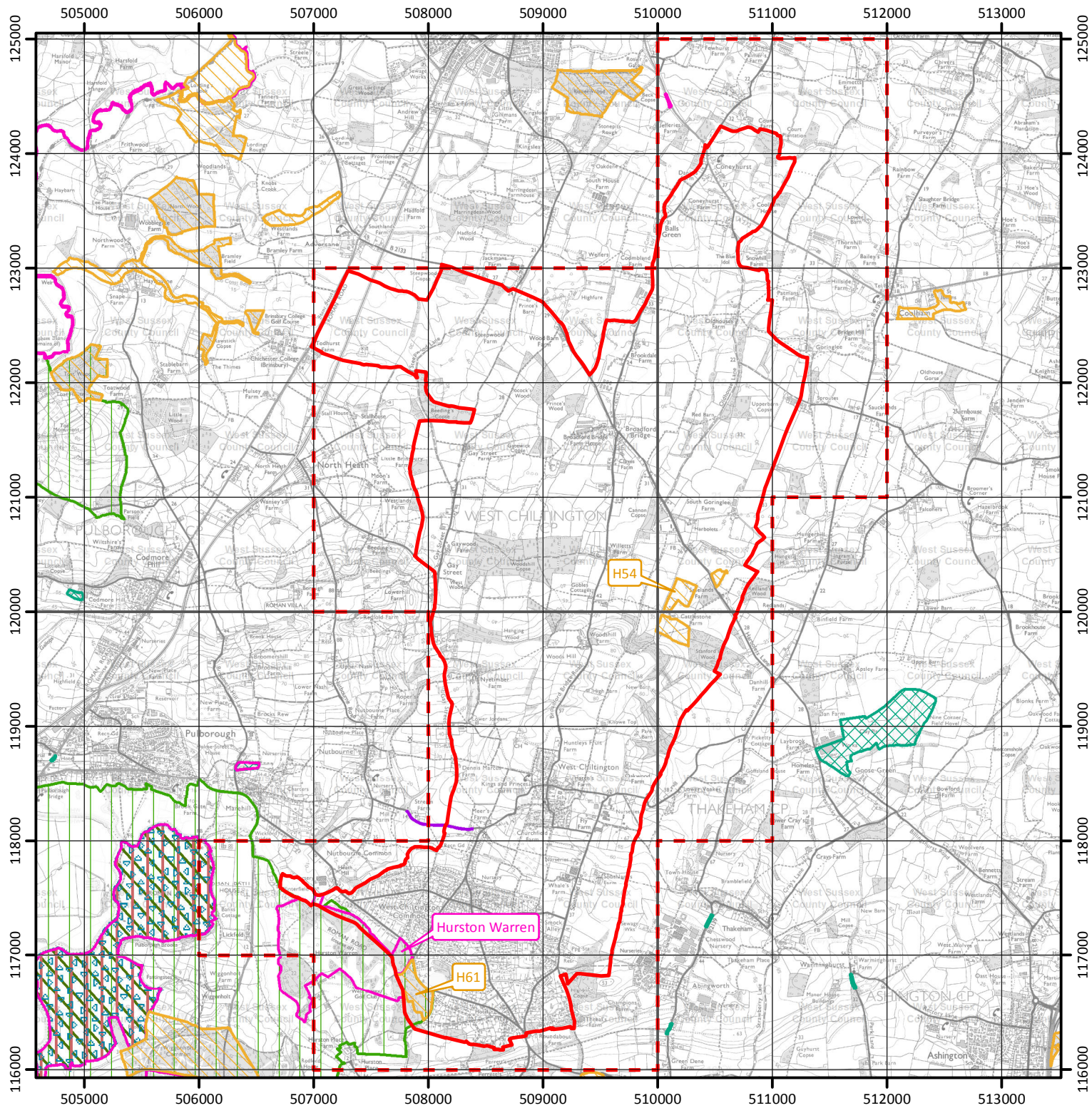
## Land at West Chiltington Parish

Prepared for Sharon Davis (West Chiltington Neighbourhood Plan Steering Group) - 20/06/2016



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### Key to Map:

- West Chiltington Parish
- Species search area
- Local Wildlife Site
- Site of Special Scientific Interest
- Notable Road Verge
- Ramsar
- Special Area of Conservation
- Special Protection Area
- National Park
- Local Geological Site



0 1 2 Km

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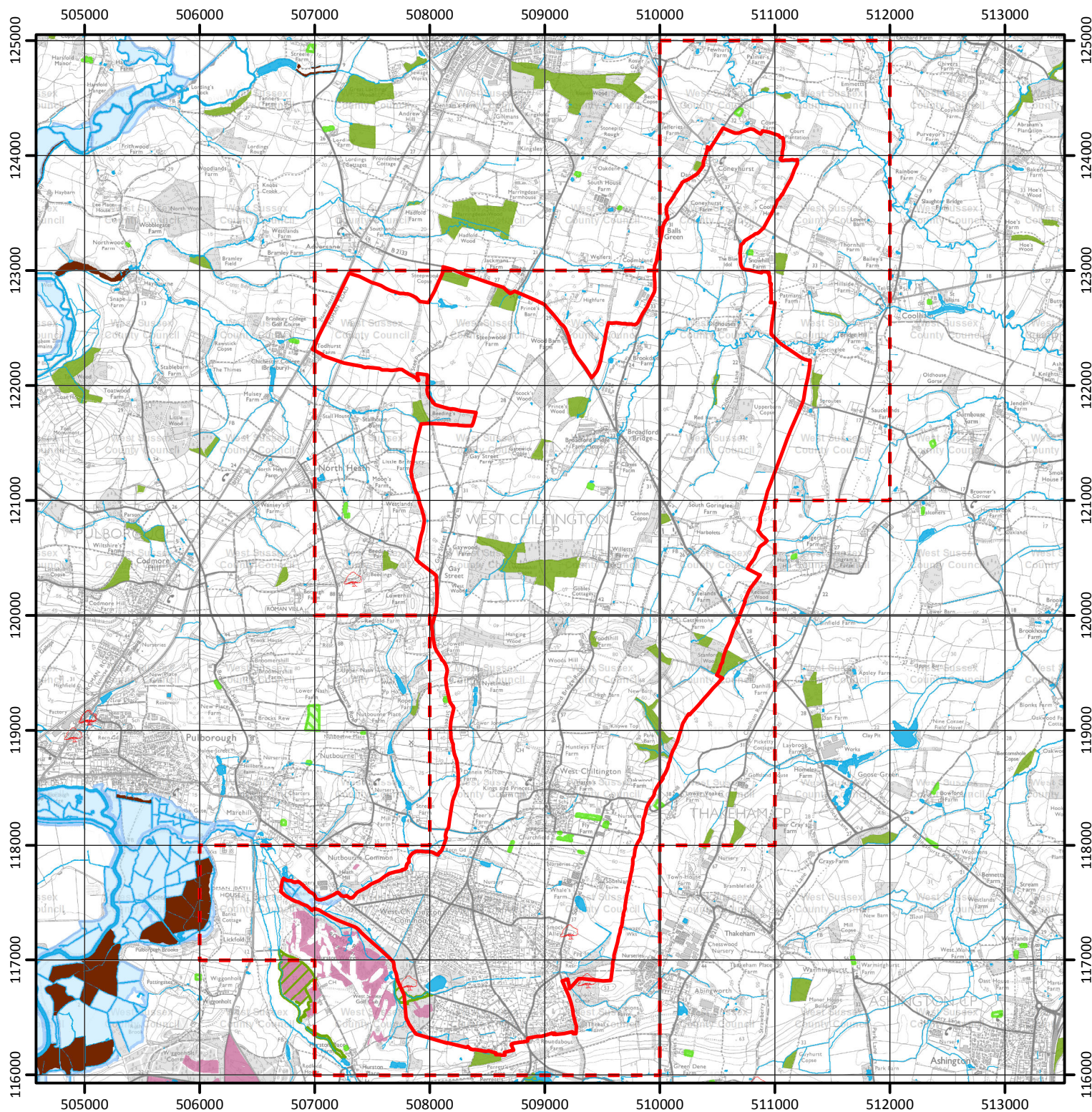
RAMSAR, Special Area of Conservation (SAC), Special Protection Area (SPA), National Park, Area of Outstanding Natural Beauty (AONB), National Nature Reserve (NNR), Site of Special Scientific Interest (SSSI), Local Nature Reserve (LNR) and Country Park data reproduced with permission of Natural England. Site of Nature Conservation Importance (SNCI) 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/16/196)

## Land at West Chilmington Parish

Prepared for Sharon Davis (West Chilmington Neighbourhood Plan Steering Group) - 20/06/2016



### Key to Map:

- West Chilmington Parish
- Species search area
- Ancient/veteran tree
- Lowland fen
- Open Water
- Traditional orchard
- Wood-pasture & parkland
- Lowland heathland
- Ancient woodland
- Coastal & floodplain grazing marsh



0 1 2 Km

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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/16/196)

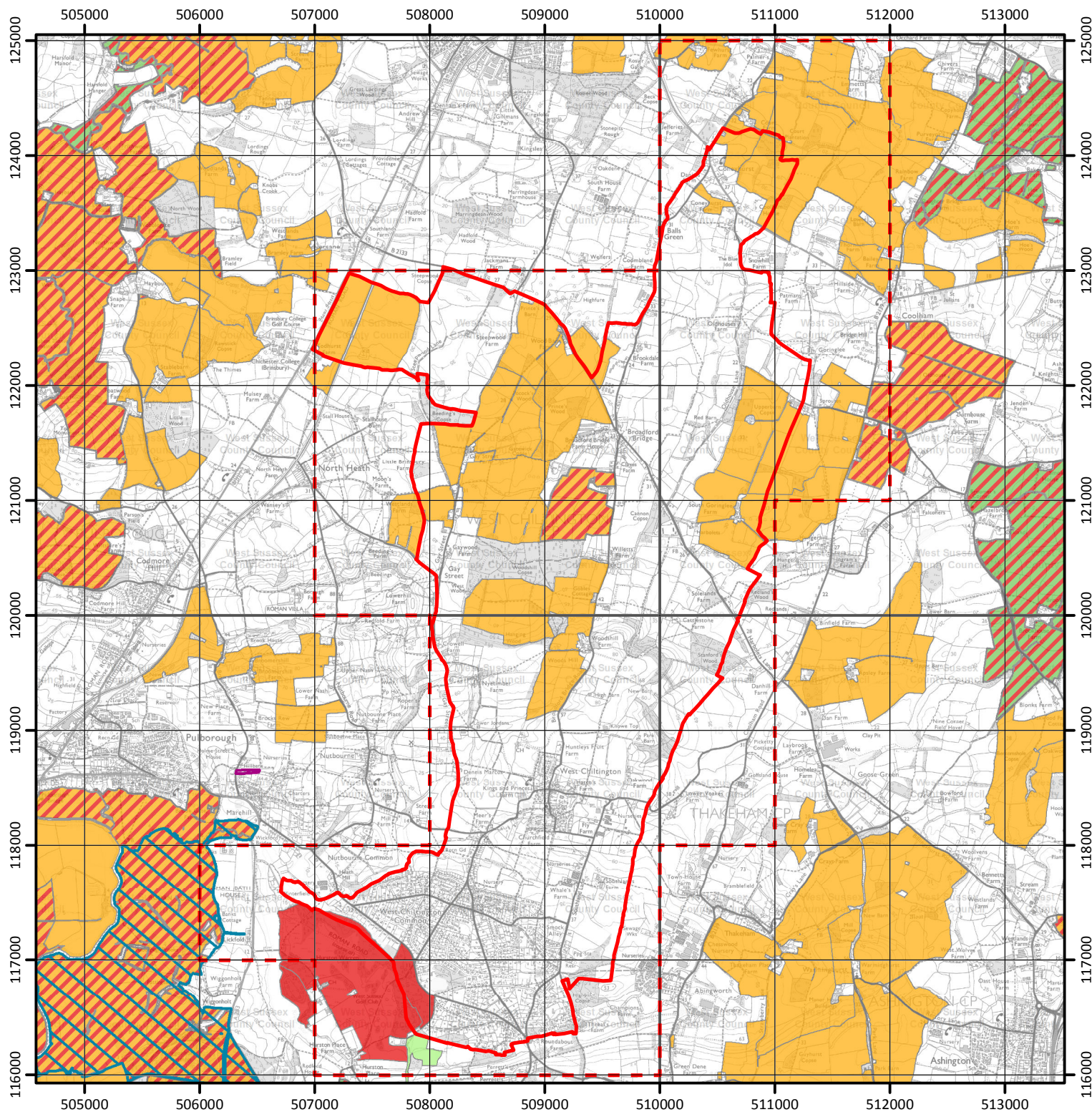
## Land at West Chilmington Parish

Prepared for Sharon Davis (West Chilmington Neighbourhood Plan Steering Group) - 20/06/2016



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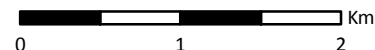


### Key to Map:

- West Chilmington Parish
- Species search area
- RSPB reserve
- SWT reserve

### 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 West Chiltington Parish

20 June 2016      SxBRC/16/1    Search Area:  
Sharon Davis (West Chiltington Neighbourhood Plan Ste

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

Number of species recorded	7
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**European Protected Species**

Number of species recorded	12
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**Bats**

Number of species recorded	10
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**Birds**

Number of species recorded	149
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Number of BoCC Red list species recorded	31
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Number of BoCC Amber list species recorded	56
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Number of W&CA Schedule 1 species recorded	30
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Number of significant breeding bird records	61
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**BAP species (not including bats or birds)**

Number of species recorded	42
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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 West Chiltington Parish

20 June 2016      SxBRC/16/196      Search Area:  
Sharon Davis (West Chiltington Neighbourhood Plan Steering Group)

### *Gryllus campestris*

### Field Cricket

#### Insect - orthopteran

The field-cricket is an extremely rare, declining and vulnerable insect which, in the UK, is restricted to one natural population, consisting of three sub-populations, within one square kilometre in West Sussex. Two reintroduced populations have been established, both of which are also in West Sussex.

#### Designations

Natural Environment and Rural Communities Act 2006 - Species of Principal Importance in England (sec; 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 (9.1 killing/injuring; 9.1 taking; 9.2; 9.4; subdivision a; 9.4b; 9.5a; 9.5b; Schedule 5)

Grid Reference	Recorder	Date	Locality
TQ06981712	Graeme Lyons;Mike Edwards	04/06/2015	West Sussex Golf Course
TQ07001703	Graeme Lyons;Mike Edwards	04/06/2015	West Sussex Golf Course
TQ07011703	Graeme Lyons;Mike Edwards	04/06/2015	West Sussex Golf Course
TQ07011711	Graeme Lyons;Mike Edwards	04/06/2015	West Sussex Golf Course

### *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 Environment and Rural Communities Act 2006 - Species of Principal Importance in England (sec; Sussex Biodiversity Action Plan; Sussex Protected Species Register; UK Biodiversity Action Plan priority species; Wildlife and Countryside Act 1981 Schedule 5 Sections (9.1 killing/injuring; 9.5a; 9.5b)

Grid Reference	Recorder	Date	Locality
TQ067171	SARG 2002 Leaflet	2002	West Sussex, West Sussex (VC13)
TQ0717	SARG Sussex Amphibian & Reptile Grp;Dennis Dey	01/01/1993	West Chiltington Common, West Sussex (VC13)
TQ077174	Recorder @ WildCall	28/06/2010	Fraoch, Castlegate, West Chiltington, Pulborough, West Sussex (VC13)
TQ078167	Stuart Card	21/08/2013	Monkmead Woods, HDC: Monkmead Woods
TQ083176	SARG 2002 Leaflet	2002	21 The Birches, West Chiltington, Pulborough, West Sussex (VC13)
TQ085175	SARG 2002 Leaflet	2002	West Sussex, West Sussex (VC13)

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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 Environment and Rural Communities Act 2006 - Species of Principal Importance in England (sec; Sussex Biodiversity Action Plan; Sussex Protected Species Register; UK Biodiversity Action Plan priority species; Wildlife and Countryside Act 1981 Schedule 5 Sections (9.1 killing/injuring; 9.5a; 9.5b)

Grid Reference	Recorder	Date	Locality
TQ067171	SARG 2002 Leaflet	2002	West Sussex, West Sussex (VC13)
TQ0717	SARG Sussex Amphibian & Reptile Grp; Dennis Dey	29/07/1994	Hurston Warren Golf Club, West Sussex (VC13)
TQ074169	HNHS Horsham Natural Hist. Soc.	1981	Hurston Warren

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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 Environment and Rural Communities Act 2006 - Species of Principal Importance in England (sec; Sussex Biodiversity Action Plan; Sussex Protected Species Register; UK Biodiversity Action Plan priority species; Wildlife and Countryside Act 1981 Schedule 5 Sections (9.1 killing/injuring; 9.5a; 9.5b)

Grid Reference	Recorder	Date	Locality
TQ0617	Andy Cotton	1995	Pulborough Brooks
TQ067171	SARG 2002 Leaflet	2002	West Sussex, West Sussex (VC13)
TQ0717	SARG Sussex Amphibian & Reptile Grp; Dennis Dey	01/01/1994	Hurston Warren Golf Course, West Sussex (VC13)
TQ073174	SARG Sussex Amphibian & Reptile Grp	01/01/1991	Monkmead Lane, West Chiltington, West Sussex (VC13)
TQ074169	HNHS Horsham Natural Hist. Soc.	1981	Hurston Warren
TQ075163	Recorder @ Lloyd Bore Ass.	29/06/2011	Land at Water Lane, Storrington, West Sussex, Storrington
TQ075165	SARG Sussex Amphibian & Reptile Grp; Dennis Dey	08/07/1993	Hurston Warren, West Sussex (VC13)
TQ076206	SARG Sussex Amphibian & Reptile Grp; Dennis Dey	17/06/1994	Gay Street, Adversane, West Sussex (VC13)
TQ077168	SARG Sussex Amphibian & Reptile Grp; Dennis Dey	01/08/1991	Monkmead Lane, West Chiltington, West Sussex (VC13)
TQ078167	Stuart Card	10/07/2013	Monkmead Woods, HDC: Monkmead Woods
TQ0817	SARG Sussex Amphibian & Reptile Grp; Dennis Dey	28/05/1999	Mill View Cottage, West Chiltington, West Sussex (VC13)
TQ082177	SARG Sussex Amphibian & Reptile Grp; Dennis Dey	29/05/1999	Foxfields, West Chiltington, West Sussex (VC13)
TQ083172	SARG Sussex Amphibian & Reptile Grp; Dennis Dey	13/07/1999	4 Morris Way, West Chiltington, West Sussex (VC13)
TQ085175	SARG 2002 Leaflet	2002	West Sussex, West Sussex (VC13)
TQ093165	SARG Sussex Amphibian & Reptile Grp	06/08/1987	Hermiston, Hazelwood Close, Storrington, West Sussex (VC13)
TQ1024	SARG Sussex Amphibian & Reptile Grp; Dennis Dey	18/08/1997	Coneyhurst Copse, Coneyhurst, West Sussex (VC13)

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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 Environment and Rural Communities Act 2006 - Species of Principal Importance in England (sec; Sussex Biodiversity Action Plan; Sussex Protected Species Register; UK Biodiversity Action Plan priority species; Wildlife and Countryside Act 1981 Schedule 5 Sections (9.1 killing/injuring; 9.5a; 9.5b)

Grid Reference	Recorder	Date	Locality
TQ067171	SARG 2002 Leaflet	2002	West Sussex, West Sussex (VC13)
TQ0717	SARG Sussex Amphibian & Reptile Grp; Dennis Dey	01/01/1994	Hurston Warren Golf Course, West Sussex (VC13)
TQ074169	HNHS Horsham Natural Hist. Soc.	1981	Hurston Warren

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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 Environment and Rural Communities Act 2006 - Species of Principal Importance in England (sec; 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 (9.1 killing/injuring; 9.1 taking; 9.2; 9.4; subdivision a; 9.4b; 9.5a; 9.5b; Schedule 5)

Grid Reference	Recorder	Date	Locality
TQ060173	Frances Southgate	April 2004	Pulborough Brooks North
TQ0608017910	Rowenna Baker	2013	PBW, Pulborough Brooks
TQ0611417838	Kelly Fouchy	15/12/2012	Pulborough Brooks
TQ0818	Unknown	1965	West Chiltington, West Sussex (VC13)
TQ090168	J Monahan	06/07/2004	Beech Croft, Roundabout Lane, W Chiltington, Pulborough, West Chiltington CP
TQ0918	Unknown	1965	Pond, Harting Coombe, West Sussex (VC13)

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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 Environment and Rural Communities Act 2006 - Species of Principal Importance in England (sec; 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; 9.5b; Schedule 5)

Grid Reference	Recorder	Date	Locality
TQ0916	Bonnie McBride	22/10/2015	Sensitive and/or private site within The Parish of: West Chiltington
TQ0918	Unknown	1930	West Chiltington, West Sussex (VC13)
TQ09241673	Lexi Tamblyn	02/11/2015	threals lane

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## 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

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

### Land at West Chiltington Parish

20 June 2016

SxBRC/16/196

Search Area:

Sharon Davis (West Chiltington Neighbourhood Plan Steering Group)

Common Name	Latin Name	No of Records	M/S	H	FR	MR	UR	D
Bat sp.	<i>Chiroptera</i>	10	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Brandt's Bat	<i>Myotis brandtii</i>	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Brown Long-eared Bat	<i>Plecotus auritus</i>	20	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Common Pipistrelle (45 kHz)	<i>Pipistrellus pipistrellus</i>	31	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Long-eared sp.	<i>Plecotus</i>	9	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Natterer's Bat	<i>Myotis nattereri</i>	3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Noctule Bat	<i>Nyctalus noctula</i>	3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pipistrelle sp.	<i>Pipistrellus</i>	28	<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>	9	<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>	15	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

## SUSSEX BAT INVENTORY REPORT

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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 West Chiltington Parish

20 June 2016

SxBRC/16/196

Search Area:

Sharon Davis (West Chiltington Neighbourhood Plan Steering Group)

### Chiroptera

### Bat sp.

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
14/06/2005	Kelmaine, Castlegate, West Chiltington, West Sussex (VC13)	TQ078174	NE Bat Worker	Building Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2 Present	
31/07/1992	Heron's Croft, Rambledown Lane, West Chiltington, West Sussex (VC13)	TQ084168	NE Bat Worker	Building Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
28/08/1987	Willets End, Broadford Bridge, West Sussex (VC13)	TQ096214	NE Bat Worker	Building Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		

30/12/1986	Nyetimber, Lower Jordans Lane, West Chiltington, West Sussex (VC13)	TQ083191	NE Bat Worker	Building Inspection	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>		
23/10/1986	Fair Wood, Birch Tree Lane, West Chiltington, West Sussex (VC13)	TQ090162	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"/>		
01/07/1985	Gay Street Farmhouse, Gay Street, West Sussex (VC13)	TQ083214	NE Bat Worker	Building Inspection	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>		
01/04/1985	Brambles, Finches Lane, West Chiltington, West Sussex (VC13)	TQ082177	NE Bat Worker	Building Inspection	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>		Seen each summer using derelict garage.
01/05/1982	South Strakes, Broadford Bridge, West Sussex (VC13)	TQ096217	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 Dead	Dead in water butt.
01/01/1982	West Chiltington, West Sussex (VC13)	TQ095185	Mr Dick	Visual	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	2 Present	1959 bungalow
1982	Kelmaine, Castlegate, West Chiltington, West Sussex (VC13)	TQ078174	NE Bat Worker	Building Inspection	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	2 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
06/08/2015	Sunset Lane, West Chiltington	TQ083163	Recorder @ Mountfield Ecology	Aural bat detector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3 Present	Structure/Habitat: Dwelling. Flying bat
09/07/2015	Sunset Lane, West Chiltington	TQ083163	Recorder @ Mountfield Ecology	Aural bat detector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4 Present	Structure/Habitat: Dwelling. Flying bat
27/05/2015	Sunset Lane, West Chiltington	TQ083163	Recorder @ Mountfield Ecology	Aural bat detector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4 Present	Structure/Habitat: Dwelling. Flying bat
02/11/2014	Pulborough	TQ08111740	Sue Harris	Droppings	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1 Present	By droppings.
28/07/2013	Hurston Mill, Hurston Lane, Storrington	TQ070160	David King;Sheila Wright	Aural bat detector	<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.
24/09/2010	Private property, Hurston Place Farm, West Chiltington Common	TQ071160	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"/>		
26/02/2005	West Chiltington	TQ092190	Anon	Grounded Bat	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1 Adult Female	Dead bat submitted to VLA Passive Surveillance Programme
01/10/1995	Badgers, Nye Timber Copse, Monkmead Lane, West Chiltington, West Sussex (VC13)	TQ082171	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"/>	15 Present	Estimate 10-15 present.
05/04/1989	Restharrow, Nightingales, West Chiltington, West Sussex (VC13)	TQ085172	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	BL-e and Serotine droppings in roof suggest small roost. Also 1 bat present.



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*Myotis brandtii***Brandt's Bat**

A small bat that was only separated as a species from the whiskered bat (*Myotis mystacinus*) in 1970. A widespread, though scarce, species of woodland. Summer roosts are in buildings and trees but seldom in bat boxes, while winter roosts are often in caves and tunnels. Widespread in the British Isles to southern Scotland but often confused with the whiskered bat. Widely recorded in both West Sussex and East Sussex.

Date	Location	Grid Reference	Recorder	Sampling Method	M/S	H	FR	MR	UR	D	Abundance	Notes
27/05/2015	Sunset Lane, West Chiltington	TQ083163	Recorder @ Mountfield Ecology	Aural bat detector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1 Present	Structure/Habitat: Dwelling. Flying bat

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*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
06/08/2015	Sunset Lane, West Chiltington	TQ083163	Recorder @ Mountfield Ecology	Aural bat detector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1 Present	Structure/Habitat: Dwelling. Flying bat
24/09/2010	Private property, Hurston Place Farm, West Chiltington Common	TQ071160	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 Bat(s)	
24/04/2003	Gaywood Farmhouse, Gay Street, Pulborough, West Sussex (VC13)	TQ082207	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	

*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
09/07/2015	Sunset Lane, West Chiltington	TQ083163	Recorder @ Mountfield Ecology	Aural bat detector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4 Present	Structure/Habitat: Dwelling. Flying bat
27/05/2015	Sunset Lane, West Chiltington	TQ083163	Recorder @ Mountfield Ecology	Aural bat detector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4 Present	Structure/Habitat: Dwelling. Flying bat
03/06/2008	Nyetimber Vineyard, West Chiltington, West Sussex (VC13)	TQ08391946	Anon @ Ecology Consultancy Ltd; Tony Hutson	Aural bat detector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	taxon Present	Recorded at 22.25 during a bat survey.

## *Pipistrellus*

## **Pipstrelle sp.**

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
27/05/2015	Cherry Tree Cottage, Sunset Lane, West Chiltington	TQ083163	Sally-Ann Hurry; Roger Jones	Droppings	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Present Taxon	Droppings. Verified by: Sally-Ann Hurry
09/08/2012	Nyetimber Vineyard	TQ083193	Ecology Consultancy Ltd; Sally-Ann Hurry	Aural bat detector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Present Taxon	Emergence/activity monitoring survey for EPSM license.
02/07/2012	Nyetimber Vineyard	TQ083193	Ecology Consultancy Ltd; Sally-Ann Hurry	Aural bat detector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Present Taxon	Emergence/activity monitoring survey for EPSM license. Foraging and commuting.
02/07/2012	Nyetimber Vineyard	TQ083193	Ecology Consultancy Ltd; Sally-Ann Hurry	Aural bat detector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Present Taxon	Emergence/activity monitoring survey for EPSM license. Foraging and commuting.
01/12/2011	Bracklyn, Harborough Hill, West Chiltington	TQ074175	Ecology Consultancy Ltd; Giles Coe	Building Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Present Taxon	
24/09/2010	Private property, Hurston Place Farm, West Chiltington Common	TQ071160	NE Bat Worker	Building Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2 Bat(s)	
23/07/2008	Nyetimber Vineyard, West Chiltington, West Sussex (VC13)	TQ08371941	Anon @ Ecology Consultancy Ltd; Tony Hutson	Aural bat detector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	taxon Present	Recorded swarming around buildings 02.45-05.30 during a bat survey.
23/07/2008	Nyetimber Vineyard, West Chiltington, West Sussex (VC13)	TQ08391941	Anon @ Ecology Consultancy Ltd; Tony Hutson	Aural bat detector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	taxon Present	Small group inside barn at 03.45, recorded during a bat survey.

23/07/2008	Nyetimber Vineyard, West Chiltington, West Sussex (VC13)	TQ08361940	Anon @ Ecology Consultancy Ltd;Jo Clarke	Aural bat detector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	20 Present	Entering roost at 04.25, recorded during a bat survey.
02/07/2008	Nyetimber Vineyard, West Chiltington, West Sussex (VC13)	TQ08421940	Anon @ Ecology Consultancy Ltd;Carly Jefferies	Aural bat detector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Taxon Present	Recorded at 21.50 during a bat survey.
02/07/2008	Nyetimber Vineyard, West Chiltington, West Sussex (VC13)	TQ08361939	Anon @ Ecology Consultancy Ltd;Jo Clarke	Aural bat detector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	taxon Present	Recorded flying out of hole in tiles at 21.35 during a bat survey.
03/06/2008 - 23/07/2008	Nyetimber Vineyard, West Chiltington, West Sussex (VC13)	TQ08411940	Anon @ Ecology Consultancy Ltd	Aural bat detector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	taxon Present	Summer roost. Recorded during a bat survey.
03/06/2008	Nyetimber Vineyard, West Chiltington, West Sussex (VC13)	TQ08391940	Anon @ Ecology Consultancy Ltd;Naomi Forbes	Aural bat detector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	taxon Present	Four recordings, 21.36-22.17, recorded during a bat survey.
01/05/2007	West Chiltington	TQ084180	Anon	Grounded Bat	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1 Adult Male	Dead bat submitted to VLA Passive Surveillance Programme
13/09/2005	William Penn Flat, Blue Idol Meeting House, Old House, Lane, Coolham, RH13 8QP, West Sussex (VC13)	TQ107231	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"/>	59 Present	Problem is smell, noise and staining as bats get into praying area. Trying to resolve by fitting an external bat roost.
23/04/2003	Gaywood Farmhouse, Gay Street, Pulborough, West Sussex (VC13)	TQ082206	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"/>		
24/02/1998	Broadford Bridge Farm, Adversane, West Sussex (VC13)	TQ096212	Martin Love	Building Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
24/06/1995	High Rising, 10 Castlegate, West Chiltington, West Sussex (VC13)	TQ078173	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"/>		
29/07/1994	High Rising, 10 Castlegate, West Chiltington, West Sussex (VC13)	TQ078173	NE Bat Worker	Building Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	128 Present	
01/08/1992	Heronscroft, Rambledown Lane, West Chiltington, West Sussex (VC13)	TQ084168	NE Bat Worker	Building Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	92 Present	A nursery colony with more than 70 bats seen on the wall. Babies have been found on the patio. Only pipistrelles seen but droppings are also Serotine.
19/07/1985	Gables, Beeding Castle, Nutbourne Lane, Pulborough, West Sussex (VC13)	TQ074203	NE Bat Worker	Building Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	20 Present	1980s house, breeding colony's occasional roost. First occupation of 1980 house on 14-07-85.

21/09/1984	18 Crossways Park, West Chilmington, West Sussex (VC13)	TQ087171	Tony Hutson	Building Inspection	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	1 Juvenile Female	Juvenile female found during spraying in roof of 1960's bungalow.
05/08/1983	18 Holly Close, West Chilmington, West Sussex (VC13)	TQ089181	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	Under hanging tiles of 6 year old house.
28/06/1982	Martlets, Heathfield Copse, West Chilmington, West Sussex (VC13)	TQ080174	Lt. Col. Mills-Thomas	Visual	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	100+ Present	1950s house, in attic.
01/06/1982	Coombes Nursery, Broadford Bridge, West Sussex (VC13)	TQ0921	NE Bat Worker	Building Inspection	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>		
31/05/1982	Coombes Nursery, Broadford Bridge, West Sussex (VC13)	TQ0922	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 by signs.
31/05/1982	Broadford Bridge, Coombes Nursery, West Sussex (VC13)	TQ096216	Anon	Droppings	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>		1950s bungalow, in attic.
28/07/1975	Rose Cottage, Coneyhurst Road, Coneyhurst, West Sussex (VC13)	TQ104239	Mrs O'Keefe	Visual	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	taxon Present	Record from historical correspondence file from Dr Stebbings. Two dead bats sent to Dr Stebbings, ID'd as Pipistrelle.

*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
06/08/2015	Sunset Lane, West Chiltington	TQ083163	Recorder @ Mountfield Ecology	Aural bat detector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5 Present	Structure/Habitat: Dwelling. Flying bat
09/07/2015	Sunset Lane, West Chiltington	TQ083163	Recorder @ Mountfield Ecology	Aural bat detector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1 Present	Structure/Habitat: Dwelling. Roost
27/05/2015	Sunset Lane, West Chiltington	TQ083163	Recorder @ Mountfield Ecology	Aural bat detector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8 Present	Structure/Habitat: Dwelling. Flying bat
28/07/2013	Hurston Mill, Hurston Lane, Storrington	TQ070160	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)	1 emerged from under hanging tiles + Passes recorded on bat detector
29/06/2011	Court Farm Cott. Coneyhurst, West Sussex (VC13)	TQ105241	K. Suppel;David King;Sheila Wright	Visual	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2 Bat(s)	Emerging from roof
23/07/2008	Nyetimber Vineyard, West Chiltington, West Sussex (VC13)	TQ08411945	Anon @ Ecology Consultancy Ltd;Carly Jefferies	Aural bat detector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	4 Present	Recorded at 04.38 circling near roost during a bat survey.
23/07/2008	Nyetimber Vineyard, West Chiltington, West Sussex (VC13)	TQ08411945	Anon @ Ecology Consultancy Ltd;Carly Jefferies	Aural bat detector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Taxon Present	Two foragings 03.52 and 04.11, recorded during a bat survey.
23/07/2008	Nyetimber Vineyard, West Chiltington, West Sussex (VC13)	TQ08411945	Anon @ Ecology Consultancy Ltd;Carly Jefferies	Aural bat detector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	9 Present	Recorded circling and gradually entering roost, 4.38-4.57, during a bat survey.
23/07/2008	Nyetimber Vineyard, West Chiltington, West Sussex (VC13)	TQ08491932	Anon @ 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"/>	taxon Present	Recorded passing 03.20-03.23 during a bat survey.
23/07/2008	Nyetimber Vineyard, West Chiltington, West Sussex (VC13)	TQ08361940	Anon @ Ecology Consultancy Ltd;Jo Clarke	Aural bat detector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	6 Present	Recorded circling near roost at 04.10 during a bat survey.
23/07/2008	Nyetimber Vineyard, West Chiltington, West Sussex (VC13)	TQ08491932	Anon @ Ecology Consultancy Ltd;Giles Coe	Aural bat detector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1 Present	Recorded entering roost at 04.52 during a bat survey.



23/07/2008	Nyetimber Vineyard, West Chiltington, West Sussex (VC13)	TQ08361940	Anon @ Ecology Consultancy Ltd;Jo Clarke	Aural bat detector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	taxon Present	Six passes 03.33-04.14 recorded during a bat survey.
23/07/2008	Nyetimber Vineyard, West Chiltington, West Sussex (VC13)	TQ08411945	Anon @ Ecology Consultancy Ltd;Carly Jefferies	Aural bat detector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	3 Present	Three recordings of roost exiting, 03.36-04.04, made during a bat survey.
23/07/2008	Nyetimber Vineyard, West Chiltington, West Sussex (VC13)	TQ08411945	Anon @ Ecology Consultancy Ltd;Carly Jefferies	Aural bat detector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Taxon Present	Six passings 03.26-04.36, recorded during a bat survey.
02/07/2008	Nyetimber Vineyard, West Chiltington, West Sussex (VC13)	TQ08421940	Anon @ Ecology Consultancy Ltd;Carly Jefferies	Aural bat detector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Taxon Present	Four commutings 21.32-21.48 recorded during a bat survey.
02/07/2008	Nyetimber Vineyard, West Chiltington, West Sussex (VC13)	TQ08421940	Anon @ Ecology Consultancy Ltd;Carly Jefferies	Aural bat detector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Taxon Present	Three foragings recorded during a bat survey.
02/07/2008	Nyetimber Vineyard, West Chiltington, West Sussex (VC13)	TQ08361939	Anon @ Ecology Consultancy Ltd;Jo Clarke	Aural bat detector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	taxon Present	Recorded flying out of hole in tiles at 21.30 during a bat survey.
02/07/2008	Nyetimber Vineyard, West Chiltington, West Sussex (VC13)	TQ08361939	Anon @ Ecology Consultancy Ltd;Jo Clarke	Aural bat detector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	taxon Present	Four passings over, 21.28-21.50, recorded during a bat survey.
02/07/2008	Nyetimber Vineyard, West Chiltington, West Sussex (VC13)	TQ08371938	Anon @ Ecology Consultancy Ltd;Tony Hutson	Aural bat detector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	16 Present	16 recorded emerging 21.10-21.55 during a bat survey.
03/06/2008	Nyetimber Vineyard, West Chiltington, West Sussex (VC13)	TQ08391946	Anon @ Ecology Consultancy Ltd;Tony Hutson	Aural bat detector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3 Present	Recorded at 21.25 and 21.28 during a bat survey.
03/06/2008	Nyetimber Vineyard, West Chiltington, West Sussex (VC13)	TQ08391940	Anon @ Ecology Consultancy Ltd;Naomi Forbes	Aural bat detector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	taxon Present	Two passes recorded at 21.25, and one at 21.39, during a bat survey.
03/06/2008 - 23/07/2008	Nyetimber Vineyard, West Chiltington, West Sussex (VC13)	TQ08401945	Anon @ Ecology Consultancy Ltd	Aural bat detector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	16 Adult	Recorded during a bat survey.
03/06/2008 - 23/07/2008	Nyetimber Vineyard, West Chiltington, West Sussex (VC13)	TQ08371939	Anon @ Ecology Consultancy Ltd	Aural bat detector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1 Present	Summer roost. Recorded during a bat survey.
03/06/2008	Nyetimber Vineyard, West Chiltington, West Sussex (VC13)	TQ08391946	Anon @ Ecology Consultancy Ltd;Tony Hutson	Aural bat detector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	taxon Present	Recorded 21.35-22.18 during a bat survey.

03/06/2008	Nyetimber Vineyard, West Chiltington, West Sussex (VC13)	TQ08391946	Anon @ Ecology Consultancy Ltd;Tony Hutson	Aural bat detector	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	2 Present	Recorded at 21.34 during a bat survey.
03/06/2008	Nyetimber Vineyard, West Chiltington, West Sussex (VC13)	TQ08411945	Anon @ Ecology Consultancy Ltd;Jo Clarke	Aural bat detector	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	3 Present	3 recorded emerging from hole in barn roof tiles at 21.32, 21.42 and 22.07, during a bat survey.
03/06/2008	Nyetimber Vineyard, West Chiltington, West Sussex (VC13)	TQ08411945	Anon @ Ecology Consultancy Ltd;Jo Clarke	Aural bat detector	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	taxon Present	Five passings over, 21.25-22.15, recorded during a bat survey.
03/06/2008	Nyetimber Vineyard, West Chiltington, West Sussex (VC13)	TQ08401938	Anon @ 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"/>	Taxon Present	Recorded circling at 21.39 during a bat survey.
03/06/2008	Nyetimber Vineyard, West Chiltington, West Sussex (VC13)	TQ08411945	Anon @ Ecology Consultancy Ltd;Jo Clarke	Aural bat detector	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	4 Present	Four feeding along tree line recordings, 21.37-22.20, recorded during a bat survey.
03/06/2008	Nyetimber Vineyard, West Chiltington, West Sussex (VC13)	TQ08411945	Anon @ Ecology Consultancy Ltd;Carly Jefferies	Aural bat detector	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Taxon Present	Four recordings 21.17-21.38 recorded during a bat survey.
12/07/2007	No 1 Corner Cottage, West Chiltington Lane, Coneyhurst	TQ105242	Amanda Millar	Grounded Bat	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	1 Juvenile Female	

*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
06/08/2015	Sunset Lane, West Chiltington	TQ083163	Recorder @ Mountfield Ecology	Aural bat detector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1 Present	Structure/Habitat: Dwelling. Roost
09/07/2015	Sunset Lane, West Chiltington	TQ083163	Recorder @ Mountfield Ecology	Aural bat detector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3 Present	Structure/Habitat: Dwelling. Flying bat
27/05/2015	Sunset Lane, West Chiltington	TQ083163	Recorder @ Mountfield Ecology	Aural bat detector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	11 Present	Structure/Habitat: Dwelling. Flying bat
28/07/2013	Hurston Mill, Hurston Lane, Storrington	TQ073160	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)	1 emerged from under hanging tiles + Passes recorded on bat detector
09/08/2012	Nyetimber Vineyard	TQ083193	Ecology Consultancy Ltd;Sally-Ann Hurry	Re-entry survey	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	3 Present	Foraging and commuting and then re-entered under barge board and through gap in rafters.
02/07/2012	Nyetimber Vineyard	TQ083193	Ecology Consultancy Ltd;Sally-Ann Hurry	Roost Exit Count	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	2 Present	emerging from under barge board
23/07/2008	Nyetimber Vineyard, West Chiltington, West Sussex (VC13)	TQ08361940	Anon @ Ecology Consultancy Ltd;Jo Clarke	Aural bat detector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	20 Present	Recorded flying out of roost at 04.40 during a bat survey.
23/07/2008	Nyetimber Vineyard, West Chiltington, West Sussex (VC13)	TQ08361940	Anon @ Ecology Consultancy Ltd;Jo Clarke	Aural bat detector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	taxon Present	Five passes 03.49-04.43 recorded during a bat survey.
23/07/2008	Nyetimber Vineyard, West Chiltington, West Sussex (VC13)	TQ08491932	Anon @ 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"/>	taxon Present	Recorded passing 03.25-03.30 during a bat survey.
23/07/2008	Nyetimber Vineyard, West Chiltington, West Sussex (VC13)	TQ08361940	Anon @ Ecology Consultancy Ltd;Jo Clarke	Aural bat detector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	6 Present	Circling near roost 05.00-05.09, recorded during a bat survey.

23/07/2008	Nyetimber Vineyard, West Chiltington, West Sussex (VC13)	TQ08361940	Anon @ Ecology Consultancy Ltd;Jo Clarke	Aural bat detector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	6 Present	Circling near roost 04.46-04.57, recorded during a bat survey.
02/07/2008	Nyetimber Vineyard, West Chiltington, West Sussex (VC13)	TQ08371938	Anon @ Ecology Consultancy Ltd;Giles Coe	Aural bat detector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	36 Present	36 recorded emerging from maternity roost, 21.10-21.40 during a bat survey.
03/06/2008	Nyetimber Vineyard, West Chiltington, West Sussex (VC13)	TQ08401938	Anon @ Ecology Consultancy Ltd;Giles Coe	Aural bat detector	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6 Present	Six feeding along tree line, 21.20-22.19, recorded during a bat survey.
03/06/2008	Nyetimber Vineyard, West Chiltington, West Sussex (VC13)	TQ08401938	Anon @ 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"/>	Taxon Present	Recorded flying over main house at 22.10 during a bat survey.
12/07/2000	Pine Lodge, Fir Tree Lane, West Chiltington, West Sussex (VC13)	TQ089168	NE Bat Worker	Building Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	103 Present	

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

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
06/08/2015	Sunset Lane, West Chiltington	TQ083163	Recorder @ Mountfield Ecology	Aural bat detector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1 Present	Structure/Habitat: Dwelling. Flying bat
09/07/2015	Sunset Lane, West Chiltington	TQ083163	Recorder @ Mountfield Ecology	Aural bat detector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2 Present	Structure/Habitat: Dwelling. Flying bat
09/08/2012	Nyetimber Vineyard	TQ083193	Ecology Consultancy Ltd; Sally-Ann Hurry	Aural bat detector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Present Taxon	Emergence/activity monitoring survey for EPSM license.
02/07/2012	Nyetimber Vineyard	TQ083193	Ecology Consultancy Ltd; Sally-Ann Hurry	Aural bat detector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Present Taxon	Emergence/activity monitoring survey for EPSM license. Foraging and commuting.
23/03/2012	Nyetimber Vineyard	TQ08381939	Ecology Consultancy Ltd; Sally-Ann Hurry	Building Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Present Taxon	~20 LE bat droppings in roof void of the Manor House and within rooms on the upper floor
01/12/2011	Bracklyn, Harborough Hill, West Chiltington	TQ074175	Ecology Consultancy Ltd; Giles Coe	Building Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Present Taxon	
13/04/2011	Court Farm Cottages, West Chiltington Lane, West Sussex (VC13)	TQ105241	Recorder @ Batbox Ltd	Building Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Taxon Present	A small number of droppings recorded in roof void of cottage No.1.
06/09/2003	Gaystreet Farmhouse, Gay Street, Pulborough, West Sussex (VC13)	TQ083214	NE Bat Worker	Building Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	57 Present	
23/04/2003	Gaywood Farmhouse, Gay Street, Pulborough, West Sussex (VC13)	TQ082206	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"/>		

*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
08/12/2011	Private property, Sunset Lane, West Chiltington Common	TQ082164	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"/>		
13/04/2011	Court Farm House, Coneyhurst, West Sussex (VC13)	TQ107243	K. Suppel;Sheila Wright	Building Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1 Adult	Roosting in roof void
24/09/2010	Private property, Hurston Place Farm, West Chiltington Common	TQ071160	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"/>		
23/07/2008	Nyetimber Vineyard, West Chiltington, West Sussex (VC13)	TQ08471955	Anon @ Ecology Consultancy Ltd;Tony Hutson	Aural bat detector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	taxon Present	Recorded present in barn, and flying out of barn at 02.45, during a bat survey.
23/07/2008	Nyetimber Vineyard, West Chiltington, West Sussex (VC13)	TQ08371941	Anon @ Ecology Consultancy Ltd;Tony Hutson	Aural bat detector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	taxon Present	Recorded around buildings 02.45-05.30 during a bat survey.
03/06/2008 - 23/07/2008	Nyetimber Vineyard, West Chiltington, West Sussex (VC13)	TQ08441953	Anon @ Ecology Consultancy Ltd	Aural bat detector	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	taxon Present	Recorded during a bat survey.
03/06/2008	Nyetimber Vineyard, West Chiltington, West Sussex (VC13)	TQ08391946	Anon @ Ecology Consultancy Ltd;Tony Hutson	Aural bat detector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	taxon Present	Recorded at 22.19 during a bat survey.
26/07/2007	Hadley, Mill Road, West Chiltington, RH20 2PZ, West Sussex (VC13)	TQ085179	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"/>	3 Dead	3 dead bats found on fly paper (put up because of fly problem in loft.) 1 adult and 2 probably juvenile. Owners did not realise bats were in loft. Identified in the hand.
23/07/2007	West Chiltington	TQ084178	Anon	Grounded Bat	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1 Adult Male	Dead bat submitted to VLA Passive Surveillance Programme
23/07/2007	West Chiltington	TQ084178	Anon	Grounded Bat	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1 Adult Female	Dead bat submitted to VLA Passive Surveillance Programme

21/07/2007	The Gables, Nutbourne Lane, Pulborough	TQ072201	Amanda Millar	Grounded Bat	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	1 Adult Female	
11/10/2006	Rose Cottage, Sproutes Lane, Coolham, RH13 8QH	TQ113218	Amanda Millar	Grounded Bat	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	1 Adult Female	
11/06/2005	Lakers House, Mill Road, West Chiltington, West Sussex (VC13)	TQ084181	NE Bat Worker	Building Inspection	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>		
06/01/2001	3 Silverwood, West Chiltington, Pulborough, West Sussex (VC13)	TQ078171	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"/>		
30/09/2000	Harbolets, Harbolets Road, West Chiltington, West Sussex (VC13)	TQ103208	NE Bat Worker	Building Inspection	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	2 Present	
04/11/1995	Gay Street Farm, Gay Street, W. Chiltington, West Sussex (VC13)	TQ083214	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"/>	8 Adult	
21/11/1993	Emetts Farm, West Chichesterlington Lane, Coneyhurst, Billinghamurst, West Sussex (VC13)	TQ118247	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"/>		
19/05/1990	Palmer's Farm, West Chiltington Lane, Coneyhurst, Billingshurst, West Sussex (VC13)	TQ109249	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"/>	10 Juvenile; 2 Adult	Droppings suggest long-established roost.
05/04/1989	Restharrow, Nightingales, West Chiltington, West Sussex (VC13)	TQ085172	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	BL-e and Serotine droppings in roof suggest small roost. Also 1 bat present.
01/01/1989 - 31/12/1989	Lakers House, Mill Road, West Chiltington, West Sussex (VC13)	TQ084181	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"/>	442 Present	Identified from thin scattering of droppings in roof, no bats present

## 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 declined 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-requets/SOS-excluded-data.pdf](http://www.sxbrc.org.uk/data-requets/SOS-excluded-data.pdf) for list of excluded species). 61 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 West Chiltington Parish

20 June 2016      SxBRC/16/196      Search Area:

Sharon Davis (West Chiltington Neighbourhood Plan Steering Group)

Common Name	Latin Name	First Date	Last Date	No. of Rec's	Total Abundance	Max. Abundance
Canada Goose	<i>Branta canadensis</i>	25/05/1983	09/03/2014	32	695	250
Brent Goose	<i>Branta bernicla</i>	09/03/1996	-	1	5	5
Mute Swan	<i>Cygnus olor</i>	21/01/2004	15/08/2014	20	67	14
Bewick's Swan	<i>Cygnus columbianus subsp. bewickii</i>	26/02/1979	27/12/2001	12	286	80
White-fronted Goose	<i>Anser albifrons</i>	24/11/1972	25/02/1973	4	45	30
Greylag Goose	<i>Anser anser</i>	21/01/2004	08/02/2014	8	66	50
Egyptian Goose	<i>Alopochen aegyptiacus</i>	04/06/2015	-	1	1	1
Common Shelduck	<i>Tadorna tadorna</i>	01/06/2000	09/03/2014	9	25	8
Mandarin Duck	<i>Aix galericulata</i>	06/05/1997	09/10/2010	11	15	2
Wigeon	<i>Anas penelope</i>	08/11/2003	09/03/2014	11	806	500
Gadwall	<i>Anas strepera</i>	13/04/1989	10/04/2012	8	20	10
Teal	<i>Anas crecca</i>	01/06/1995	01/02/2014	13	429	220
Mallard	<i>Anas platyrhynchos</i>	13/05/1983	03/06/2015	65	695	200
Pintail	<i>Anas acuta</i>	08/11/2003	30/12/2008	9	96	50
Shoveler	<i>Anas clypeata</i>	21/01/2004	09/03/2014	7	49	30
Pochard	<i>Aythya ferina</i>	14/02/1990	26/10/2006	7	129	104
Tufted Duck	<i>Aythya fuligula</i>	04/01/2004	08/02/2015	5	22	7
Ruddy Duck	<i>Oxyura jamaicensis</i>	26/10/2004	-	1	1	1
Little Egret	<i>Egretta garzetta</i>	10/04/2012	-	1	1	1
Grey Heron	<i>Ardea cinerea</i>	27/11/1997	05/03/2014	28	37	5
White Stork	<i>Ciconia ciconia</i>	16/02/1975	01/05/2012	4	12	5

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Common Name	Latin Name	First Date	Last Date	No. of Rec's	Total Abundance	Max. Abundance
Red-legged Partridge	<i>Alectoris rufa</i>	20/05/1990	05/06/2011	5	4	2
Grey Partridge	<i>Perdix perdix</i>	30/07/1989	27/02/2003	7	12	2
Quail	<i>Coturnix coturnix</i>	05/06/1980	-	1	1	1
Pheasant	<i>Phasianus colchicus</i>	20/11/1997	04/02/2014	39	140	15
Little Grebe	<i>Tachybaptus ruficollis</i>	18/08/2007	-	1	1	1
Cormorant	<i>Phalacrocorax carbo</i>	21/01/2004	05/11/2014	7	13	6
Honey-buzzard	<i>Pernis apivorus</i>	02/10/2000	-	1	1	1
Marsh Harrier	<i>Circus aeruginosus</i>	09/04/1982	-	1	1	1
Hen Harrier	<i>Circus cyaneus</i>	17/12/1981	21/01/1990	3	3	1
Sparrowhawk	<i>Accipiter nisus</i>	30/07/1989	19/06/2014	47	56	4
Buzzard	<i>Buteo buteo</i>	13/03/1965	28/11/2015	71	112	5
Kestrel	<i>Falco tinnunculus</i>	30/07/1989	08/02/2015	60	63	2
Merlin	<i>Falco columbarius</i>	20/02/2008	20/03/2013	3	3	1
Hobby	<i>Falco subbuteo</i>	03/10/1990	07/10/2004	3	3	1
Peregrine	<i>Falco peregrinus</i>	13/11/1987	-	1	1	1
Moorhen	<i>Gallinula chloropus</i>	13/05/1983	08/02/2015	55	129	8
Coot	<i>Fulica atra</i>	10/05/1990	08/02/2015	23	62	10
Little Ringed Plover	<i>Charadrius dubius</i>	05/06/2008	-	1	2	2
Ringed Plover	<i>Charadrius hiaticula</i>	06/03/2014	-	1	2	2
Golden Plover	<i>Pluvialis apricaria</i>	26/10/2003	06/04/2009	3	2	2
Lapwing	<i>Vanellus vanellus</i>	22/02/1992	09/03/2014	34	1319	300
Snipe	<i>Gallinago gallinago</i>	22/12/1990	12/06/2009	12	21	7
Jack Snipe	<i>Lymnocyrtus minimus</i>	14/10/2005	04/11/2005	2	7	4
Whimbrel	<i>Numenius phaeopus</i>	04/05/1984	19/04/1996	5	37	20
Curlew	<i>Numenius arquata</i>	28/02/1989	18/05/1997	7	8	2
Woodcock	<i>Scolopax rusticola</i>	14/02/1978	01/06/2013	24	29	3
Dunlin	<i>Calidris alpina</i>	26/10/2003	-	1	0	0
Ruff	<i>Calidris pugnax</i>	27/12/2001	16/11/2003	2	1	1
Black-tailed Godwit	<i>Limosa limosa</i>	21/11/2004	12/06/2009	3	9	4
Redshank	<i>Tringa totanus</i>	01/06/1995	18/08/2007	4	7	4
Greenshank	<i>Tringa nebularia</i>	21/11/2004	-	1	1	1
Green Sandpiper	<i>Tringa ochropus</i>	31/12/1984	08/01/2008	5	6	2
Little Gull	<i>Hydrocoloeus minutus</i>	12/10/1980	23/03/1996	2	13	12
Mediterranean Gull	<i>Larus melanocephalus</i>	13/03/2007	13/12/2012	2	3	2
Common Gull	<i>Larus canus</i>	05/01/2001	06/03/2014	8	650	310
Lesser Black-backed Gull	<i>Larus fuscus</i>	02/03/1998	10/04/2012	3	6	3
Herring Gull	<i>Larus argentatus</i>	02/12/1997	08/02/2015	29	139	50
Great Black-backed Gull	<i>Larus marinus</i>	30/12/2008	10/04/2011	2	1	1
Black-headed Gull	<i>Chroicocephalus ridibundus</i>	17/02/2004	15/08/2014	16	170	100

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Common Name	Latin Name	First Date	Last Date	No. of Rec's	Total Abundance	Max. Abundance
Rock Dove	<i>Columba livia</i>	11/02/2010	04/11/2014	8	20	10
Stock Dove	<i>Columba oenas</i>	16/05/1989	04/11/2014	58	136	16
Woodpigeon	<i>Columba palumbus</i>	31/12/1981	08/02/2015	169	15274	5000
Collared Dove	<i>Streptopelia decaocto</i>	05/11/1989	08/02/2015	123	400	79
Turtle Dove	<i>Streptopelia turtur</i>	27/05/1966	17/05/2005	25	131	40
Cuckoo	<i>Cuculus canorus</i>	17/04/1989	04/06/2015	27	38	4
Barn Owl	<i>Tyto alba</i>	17/01/1979	19/02/2004	17	19	2
Little Owl	<i>Athene noctua</i>	18/01/1976	04/11/2014	48	150	25
Tawny Owl	<i>Strix aluco</i>	09/04/1978	13/09/2014	44	124	8
Short-eared Owl	<i>Asio flammeus</i>	27/11/2004	-	1	1	1
Nightjar	<i>Caprimulgus europaeus</i>	01/06/2000	-	1	1	1
Swift	<i>Apus apus</i>	18/07/1997	13/06/2015	26	282	150
Kingfisher	<i>Alcedo atthis</i>	10/07/1982	12/10/2013	18	16	1
Hoopoe	<i>Upupa epops</i>	15/05/1967	-	1	1	1
Green Woodpecker	<i>Picus viridis</i>	04/05/1981	28/11/2015	111	169	6
Great Spotted Woodpecker	<i>Dendrocopos major</i>	24/05/1980	12/05/2015	102	243	10
Lesser Spotted Woodpecker	<i>Dendrocopos minor</i>	01/06/1980	22/09/2013	56	81	4
Sedge Warbler	<i>Acrocephalus schoenobaenus</i>	01/06/1995	12/06/2009	6	7	2
Reed Warbler	<i>Acrocephalus scirpaceus</i>	08/06/2005	-	1	1	1
Grasshopper Warbler	<i>Locustella naevia</i>	03/05/1978	19/08/1987	5	5	1
Wood Warbler	<i>Phylloscopus sibilatrix</i>	18/08/2007	-	1	8	8
Chiffchaff	<i>Phylloscopus collybita</i>	31/12/1981	13/06/2015	62	144	12
Willow Warbler	<i>Phylloscopus trochilus</i>	31/12/1981	24/08/2014	21	65	12
Woodlark	<i>Lullula arborea</i>	10/04/2011	-	1	0	0
Skylark	<i>Alauda arvensis</i>	30/07/1989	09/03/2014	41	98	13
Sand Martin	<i>Riparia riparia</i>	26/08/1997	18/08/2007	4	62	50
Swallow	<i>Hirundo rustica</i>	01/06/1991	27/09/2014	49	22840	20000
House Martin	<i>Delichon urbicum</i>	23/09/1991	02/09/2014	43	9578	5000
Meadow Pipit	<i>Anthus pratensis</i>	27/09/1989	08/09/2014	21	333	50
Yellow Wagtail	<i>Motacilla flava</i>	28/08/1990	23/04/2009	3	8	5
Grey Wagtail	<i>Motacilla cinerea</i>	28/05/1969	12/12/2013	24	27	2
Pied Wagtail	<i>Motacilla alba</i>	01/06/1995	27/11/2014	43	116	30
Pied Wagtail	<i>Motacilla alba subsp. yarrellii</i>	18/08/2007	29/12/2013	6	7	2
Wren	<i>Troglodytes troglodytes</i>	31/12/1981	05/06/2015	98	283	21
Dunnock	<i>Prunella modularis</i>	30/07/1989	08/02/2015	137	245	11
Robin	<i>Erithacus rubecula</i>	31/12/1981	05/06/2015	197	595	26
Nightingale	<i>Luscinia megarhynchos</i>	22/04/1978	01/06/2012	94	141	6
Redstart	<i>Phoenicurus phoenicurus</i>	16/07/1990	28/08/2007	10	10	1
Whinchat	<i>Saxicola rubetra</i>	28/05/2004	02/09/2014	3	4	2

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Common Name	Latin Name	First Date	Last Date	No. of Rec's	Total Abundance	Max. Abundance
Stonechat	<i>Saxicola rubicola</i>	24/01/1990	09/12/2007	6	6	2
Wheatear	<i>Oenanthe oenanthe</i>	27/08/2007	31/08/2014	3	7	3
Blackbird	<i>Turdus merula</i>	23/12/1990	28/11/2015	204	887	32
Fieldfare	<i>Turdus pilaris</i>	18/01/1989	28/11/2015	34	2774	500
Song Thrush	<i>Turdus philomelos</i>	30/07/1989	28/11/2015	110	188	7
Redwing	<i>Turdus iliacus</i>	31/12/1989	08/02/2015	50	4845	800
Mistle Thrush	<i>Turdus viscivorus</i>	31/12/1981	08/02/2015	30	70	20
Spotted Flycatcher	<i>Muscicapa striata</i>	30/07/1989	27/09/2014	46	150	20
Pied Flycatcher	<i>Ficedula hypoleuca</i>	10/09/1998	04/09/2007	8	9	2
Blackcap	<i>Sylvia atricapilla</i>	30/07/1989	05/06/2015	39	113	12
Garden Warbler	<i>Sylvia borin</i>	31/12/1981	17/05/2012	12	26	6
Lesser Whitethroat	<i>Sylvia curruca</i>	30/07/1989	18/08/2014	12	27	6
Whitethroat	<i>Sylvia communis</i>	30/07/1989	27/09/2014	37	123	21
Dartford Warbler	<i>Sylvia undata</i>	08/06/2005	-	1	1	1
Goldcrest	<i>Regulus regulus</i>	31/12/1981	28/11/2015	40	63	8
Firecrest	<i>Regulus ignicapilla</i>	04/01/1999	09/12/2007	5	5	1
Long-tailed Tit	<i>Aegithalos caudatus</i>	31/12/1981	28/11/2015	80	426	83
Blue Tit	<i>Cyanistes caeruleus</i>	31/12/1981	28/11/2015	227	1823	81
Great Tit	<i>Parus major</i>	31/12/1981	28/11/2015	194	818	53
Coal Tit	<i>Parus ater</i>	31/12/1981	15/08/2014	30	33	3
Willow Tit	<i>Poecile montana</i>	01/06/1979	30/12/2008	19	61	8
Marsh Tit	<i>Poecile palustris</i>	14/01/1978	28/03/2014	18	32	4
Nuthatch	<i>Sitta europaea</i>	30/07/1989	05/06/2015	76	155	10
Treecreeper	<i>Certhia familiaris</i>	02/02/1998	05/06/2015	41	54	3
Golden Oriole	<i>Oriolus oriolus</i>	09/06/1980	-	1	1	1
Jay	<i>Garrulus glandarius</i>	30/07/1989	08/10/2015	106	189	12
Magpie	<i>Pica pica</i>	31/12/1981	12/05/2015	134	551	37
Carrion Crow	<i>Corvus corone agg.</i>	20/05/2011	19/11/2014	13	32	6
Jackdaw	<i>Corvus monedula</i>	02/02/1989	08/02/2015	123	19770	2500
Rook	<i>Corvus frugilegus</i>	01/04/1975	27/11/2014	76	27161	2000
Carrion Crow	<i>Corvus corone</i>	20/11/1989	08/02/2015	111	1143	200
Carrion Crow	<i>Corvus corone subsp. corone</i>	31/12/1981	-	1	0	0
Starling	<i>Sturnus vulgaris</i>	31/12/1981	08/02/2015	112	1993	300
House Sparrow	<i>Passer domesticus</i>	01/06/1995	08/02/2015	162	1280	30
Tree Sparrow	<i>Passer montanus</i>	28/12/1976	28/05/2004	22	184	30
Lesser Redpoll	<i>Acanthis cabaret</i>	28/11/1991	19/04/2013	10	62	35
Common (Mealy) Redpoll	<i>Acanthis flammea</i>	31/12/1981	-	1	0	0
Greenfinch	<i>Chloris chloris</i>	09/12/2007	12/05/2015	3	57	50
Linnet	<i>Linaria cannabina</i>	31/12/1981	02/09/2014	23	120	30

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Common Name	Latin Name	First Date	Last Date	No. of Rec's	Total Abundance	Max. Abundance
Siskin	<i>Spinus spinus</i>	14/03/1998	15/04/2013	16	36	6
Chaffinch	<i>Fringilla coelebs</i>	23/11/1990	08/02/2015	147	1336	150
Brambling	<i>Fringilla montifringilla</i>	01/10/1997	03/03/2013	9	23	10
Greenfinch	<i>Carduelis chloris</i>	31/12/1981	08/02/2015	76	619	200
Goldfinch	<i>Carduelis carduelis</i>	25/04/1989	12/05/2015	98	765	80
Common Crossbill	<i>Loxia curvirostra</i>	28/03/1984	-	1	1	1
Bullfinch	<i>Pyrrhula pyrrhula</i>	30/07/1989	18/11/2014	74	144	9
Hawfinch	<i>Coccothraustes coccothraustes</i>	02/09/1981	10/10/1991	3	7	4
Yellowhammer	<i>Emberiza citrinella</i>	28/04/1989	03/07/2011	36	599	70
Cirl Bunting	<i>Emberiza cirlus</i>	15/09/1969	21/08/1982	2	4	2
Reed Bunting	<i>Emberiza schoeniclus</i>	05/02/1978	12/03/2013	8	16	6

## SUSSEX BIRD INVENTORY REPORT

### Land at West Chiltington Parish

20 June 2016      SxBRC/16/196      Search Area:  
Sharon Davis (West Chiltington Neighbourhood Plan Steering Group)

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.

### *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
25/05/1983	09/03/2014	32

### *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.

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

First Date	Last Date	No. of Records
09/03/1996	-	1

### *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
21/01/2004	15/08/2014	20

## ***Cygnus columbianus subsp. bewickii*** Bewick's Swan

**BAP N**

Bern Convention Appendix 2; Bird Population Status - amber; Birds Directive Annex 1; Convention on Migratory Species; Appendix 2; Natural Environment and Rural Communities Act 2006 - Species of Principal Importance in England (sec; Nerc Act 2006; UK Biodiversity Action Plan priority species; Wildlife and Countryside Act 1981 (Schedule 1 Part 1)

First Date	Last Date	No. of Records
26/02/1979	27/12/2001	12

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## ***Anser albifrons***

## **White-fronted Goose**

**BAP N**

A scarce winter visitor and passage migrant mainly in the east of the county. It is a grey goose which feeds on grass, clover, grain, winter wheat and potatoes. European race (*A. a. albifrons*) is red listed species of high conservation concern.

Birds Directive Annex 2.2; Convention on Migratory Species; Appendix 2; Nerc Act 2006; UK Biodiversity Action Plan priority species

First Date	Last Date	No. of Records
24/11/1972	25/02/1973	4

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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
21/01/2004	08/02/2014	8

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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
04/06/2015	-	1

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## ***Tadorna tadorna***

## **Common Shelduck**

A fairly common winter visitor, scarce passage migrant and scarce breeding species. This large duck has a red bill and black head and is recorded mainly in coastal areas, but also from reservoirs and gravel pits where it feeds on invertebrates, small shellfish and aquatic snails.

Bern Convention Appendix 2; Convention on Migratory Species; Appendix 2

First Date	Last Date	No. of Records
01/06/2000	09/03/2014	9

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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
06/05/1997	09/10/2010	11



## ***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
08/11/2003	09/03/2014	11

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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
13/04/1989	10/04/2012	8

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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
01/06/1995	01/02/2014	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
13/05/1983	03/06/2015	65

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## ***Anas acuta***

## **Pintail**

A duck that is a fairly common winter visitor to coastal estuaries and lagoons in Sussex. It is scarce on observed passage, it occasionally summers and has bred. The Pintail is slim, elegant and so-called because of its elongated tail feathers. It feeds on a variety of small invertebrates and plants.

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

First Date	Last Date	No. of Records
08/11/2003	30/12/2008	9

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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
21/01/2004	09/03/2014	7

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***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.

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

First Date	Last Date	No. of Records
14/02/1990	26/10/2006	7

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***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.

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

First Date	Last Date	No. of Records
04/01/2004	08/02/2015	5

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***Oxyura jamaicensis*****Ruddy Duck**

A duck that was introduced into Europe from North America for wildfowl collections. It is a scarce and declining resident and winter visitor. It is subject to culling to reduce numbers as it hybridises with the indigenous white-headed duck, *Oxyura leucocephala*. It is thought that if the ruddy duck is not controlled there is a danger that the globally threatened white-headed will become extinct. The British government decided in 2002 to proceed with a ruddy duck eradication programme and other control measures.

Convention on Migratory Species; Appendix 2

First Date	Last Date	No. of Records
26/10/2004	-	1

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

A medium-sized white heron with characteristic bright yellow feet which was formerly rare but has bred since 2001 and is a scarce and increasing resident, and probably scarce autumn visitor. Its status as winter visitor is uncertain. 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; Bird Population Status - amber; Birds Directive Annex 1; EC CITES Annex A

First Date	Last Date	No. of Records
10/04/2012	-	1

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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
27/11/1997	05/03/2014	28

***Ciconia ciconia*****White Stork**

A rare vagrant; mainly in the spring. It feeds in marshy areas mainly on frogs and large insects, but also young birds, lizards and rodents. (see details at [www.sos.org.uk](http://www.sos.org.uk))

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

First Date	Last Date	No. of Records
16/02/1975	01/05/2012	4

***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
20/05/1990	05/06/2011	5

***Perdix perdix*****Grey Partridge****BAP N**

A medium-sized gamebird with a distinctive orange face, which is a scarce resident species that has suffered a major decline nationally. It was formerly widespread on the South Downs but is now a scarce resident there; much declined but benefitting locally through conservation effort. Found in arable areas where it feeds on leaves, seeds and insects. However, it continues to be recorded in larger numbers in the far East of the county around Rye Bay.

Bird Population Status - red; Birds Directive Annex 2.1; Environmental Stewardship Target Species (High Weald); Environmental Stewardship Target Species (Low Weald); 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 Environment and Rural Communities Act 2006 - Species of Principal Importance in England (sec); UK Biodiversity Action Plan priority species

First Date	Last Date	No. of Records
30/07/1989	27/02/2003	7

***Coturnix coturnix*****Quail**

This small migratory gamebird is a scarce summer visitor; recorded in variable numbers from year to year. Most records are along the Downs from Beachy Head to central West Sussex in grass or cereal fields, where it feeds on insects and seeds. Quails are rarely seen, but have a distinctive call which can be heard at night. Formerly occasional in winter.

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

First Date	Last Date	No. of Records
05/06/1980	-	1

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

A very common introduced resident only absent from places like the Pevensey 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
20/11/1997	04/02/2014	39

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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.

Bird Population Status - amber

First Date	Last Date	No. of Records
18/08/2007	-	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
21/01/2004	05/11/2014	7

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***Pernis apivorus*****Honey-buzzard**

A large bird of prey with broad wings and a long tail, which feeds mainly on the larvae and nests of bees and wasps. It is a very scarce breeding summer visitor in Sussex and passage migrant.

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
02/10/2000	-	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.

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
09/04/1982	-	1

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***Circus cyaneus*****Hen Harrier****N**

This elegant bird of prey is a scarce winter visitor and passage migrant. Most records are from coastal farmland, marshes along the larger river valleys and on the Downs where it feeds on small birds and mammals.

Bird Population Status - red; Birds Directive Annex 1; Convention on Migratory Species; Appendix 2; EC CITES Annex A; Natural Environment and Rural Communities Act 2006 - Species of Principal Importance in England (sec; Wildlife and Countryside Act 1981 (Schedule 1 Part 1)

First Date	Last Date	No. of Records
17/12/1981	21/01/1990	3

***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

First Date	Last Date	No. of Records
30/07/1989	19/06/2014	47

***Buteo buteo*****Buzzard**

A fairly common and increasing resident, and probably scarce passage migrant. 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

First Date	Last Date	No. of Records
13/03/1965	28/11/2015	71

***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; Bird Population Status - amber; Convention on Migratory Species; Appendix 2; EC CITES Annex A

First Date	Last Date	No. of Records
30/07/1989	08/02/2015	60

***Falco columbarius*****Merlin**

The Merlin is the UK's smallest bird of prey which has a fast, agile flight which it needs in order to catch small bird prey. It is a scarce winter visitor and passage migrant to Sussex where it is recorded mainly from coastal farmland and marshes. It is similar to a Kestrel, but has shorter broader wings, a square-cut tail and darker duller plumage.

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
20/02/2008	20/03/2013	3

***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
03/10/1990	07/10/2004	3

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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
13/11/1987	-	1

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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
13/05/1983	08/02/2015	55

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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
10/05/1990	08/02/2015	23

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***Charadrius dubius*****Little Ringed Plover**

A small wader which is a scarce breeding summer visitor and passage migrant. A species that started to colonise Britain in 1938 and which first bred in Sussex in 1949, regularly since 1970. Widespread in Sussex in suitable habitats such as shingle banks and gravel pits, where it feeds on insects.

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

First Date	Last Date	No. of Records
05/06/2008	-	1

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***Charadrius hiaticula*****Ringed Plover**

A small dumpy wader with short legs, a brown back and a white belly, which is a fairly common breeder along the Sussex coast, as well as a passage migrant and winter visitor. The British wintering sites, including those in Sussex, are of international importance. Wintering and breeding sites include shingle and sandy beaches, where they can feed on flies, spiders, marine worms, crustaceans and molluscs.

Bern Convention Appendix 2; Bird Population Status - amber; Convention on Migratory Species; Appendix 2

First Date	Last Date	No. of Records
06/03/2014	-	1

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***Pluvialis apricaria*****Golden Plover**

A common winter visitor and passage migrant often with quite large numbers on levels and coastal grasslands where it can feed on beetles and worms; this species is a rare non-breeder in summer. This medium-sized Plover is buff, white and black in the winter and can be seen flying in tight flocks, often associating with Lapwings.

Bird Population Status - amber; Birds Directive Annex 1; Birds Directive Annex 2.2; Convention on Migratory Species; Appendix 2

First Date	Last Date	No. of Records
26/10/2003	06/04/2009	3

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***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.

Bird Population Status - red; 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 Environment and Rural Communities Act 2006 - Species of Principal Importance in England (sec); UK Biodiversity Action Plan priority species

First Date	Last Date	No. of Records
22/02/1992	09/03/2014	34

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***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.

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

First Date	Last Date	No. of Records
22/12/1990	12/06/2009	12

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***Lymnocryptes 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.

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

First Date	Last Date	No. of Records
14/10/2005	04/11/2005	2

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## ***Numenius phaeopus***

## **Whimbrel**

This large wader with a long curved bill, is a common passage migrant, and a very scarce non-breeding summering and wintering species. Usually recorded close to the Sussex coast in spring on estuaries, saltmarshes, coastal lagoons, muddy and rocky shores, nearby fields and some are seen inland. On passage they feed on crabs, shrimps, molluscs and worms.

Bird Population Status - red; Birds Directive Annex 2.2; Convention on Migratory Species; Appendix 2; Wildlife and Countryside Act 1981 (Schedule 1 Part 1)

First Date	Last Date	No. of Records
04/05/1984	19/04/1996	5

## ***Numenius arquata***

## **Curlew**

**BAP N**

Formerly a very scarce breeder; this large wader is a common passage migrant and winter visitor. Mainly recorded from marshes, mudflats and saltmarsh, but sometimes elsewhere. Easily recognisable by its long down-curved bill which it uses to catch worms, shellfish and shrimps, and its distinctive bubbling call.

Bird Population Status - amber; Birds Directive Annex 2.2; Convention on Migratory Species; Appendix 2; Natural Environment and Rural Communities Act 2006 - Species of Principal Importance in England (sec; UK Biodiversity Action Plan priority species

First Date	Last Date	No. of Records
28/02/1989	18/05/1997	7

## ***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.

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

First Date	Last Date	No. of Records
14/02/1978	01/06/2013	24

## ***Calidris alpina***

## **Dunlin**

This small wader is a very common passage migrant and winter visitor, scarce away from estuaries (occurring on the coast and along estuaries wherever mud is present). It is a scarce non-breeder in summer. Often seen feeding in flocks, looking for insects, worms and snails. Small numbers are also recorded in summer. Its slightly down-curved bill and rotund shape are key identification features.

Bern Convention Appendix 2; Bird Population Status - red; Convention on Migratory Species; Appendix 2

First Date	Last Date	No. of Records
26/10/2003	-	1

## ***Calidris pugnax***

## **Ruff**

A medium-sized wader which is a scarce winter visitor and passage migrant overwintering in a handful of sites near the Sussex coast, but more frequently seen on passage during the colder months. It can be found in wet meadows, muddy fringes of pools and lakes, and brackish coastal lagoons where it can feed on insects, larvae, frogs, small fish and seeds.

Bird Population Status - red; Birds Directive Annex 1; Birds Directive Annex 2.2; Convention on Migratory Species; Appendix 2; Wildlife and Countryside Act 1981 (Schedule 1 Part 1)

First Date	Last Date	No. of Records
27/12/2001	16/11/2003	2



***Limosa limosa*****Black-tailed Godwit****BAP**

This large wader has long legs and a very long, straight bill. It is a fairly common but localised winter visitor and passage migrant, but a scarce non-breeder in summer. In our area it is recorded mainly from the Chichester and Pagham Harbour areas. It has suffered a large decline of its breeding populations in northern Europe and is now a rare breeder there. It can be found on estuaries and coastal lagoons where it feeds on insects, worms and snails.

Bird Population Status - red; Birds Directive Annex 2.2; Convention on Migratory Species; Appendix 2; UK Biodiversity Action Plan priority species; Wildlife and Countryside Act 1981 (Schedule 1 Part 1)

First Date	Last Date	No. of Records
21/11/2004	12/06/2009	3

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***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.

Bird Population Status - amber; 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
01/06/1995	18/08/2007	4

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***Tringa nebularia*****Greenshank**

This medium-sized slim wader has dark upperparts, white underparts and long green legs. In Sussex it is a fairly common passage migrant, and very scarce in winter. More commonly recorded in West Sussex at places such as Chichester and Pagham Harbours, but also recorded elsewhere along the Sussex coast on estuaries and saltmarshes, and at some inland sites such as gravel pits and reservoirs. Its diet is made up of worms, snails and fish.

Birds Directive Annex 2.2; Convention on Migratory Species; Appendix 2; Wildlife and Countryside Act 1981 (Schedule 1 Part 1)

First Date	Last Date	No. of Records
21/11/2004	-	1

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***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
31/12/1984	08/01/2008	5

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***Hydrocoloeus minutus*****Little Gull**

This small dainty gull is a fairly common passage migrant which is most numerous in spring, but a very scarce non-breeder in summer and scarce in winter. Records of this species have increased during recent decades. Mainly recorded from the coast, but occasionally inland. Can be seen along coasts and estuaries, but also inland at lakes and reservoirs where it feeds on insects.

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
12/10/1980	23/03/1996	2

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***Larus melanocephalus*****Mediterranean Gull**

Fairly common throughout the year and increasing globally. Has bred annually since 1994, with an established breeding colony at Rye Harbour. This gull is slightly larger than a Black-headed Gull, with a bright red beak; it feeds on insects, fish, offal and  
Bern Convention Appendix 2; Bird Population Status - amber; Birds Directive Annex 1; Convention on Migratory Species; Appendix 2; Wildlife and Countryside Act 1981 (Schedule 1 Part 1)

First Date	Last Date	No. of Records
13/03/2007	13/12/2012	2

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***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
05/01/2001	06/03/2014	8

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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
02/03/1998	10/04/2012	3

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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
02/12/1997	08/02/2015	29

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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
30/12/2008	10/04/2011	2

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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; its 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
17/02/2004	15/08/2014	16

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***Columba livia*****Rock Dove**

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

First Date	Last Date	No. of Records
11/02/2010	04/11/2014	8

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***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

First Date	Last Date	No. of Records
16/05/1989	04/11/2014	58

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***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

First Date	Last Date	No. of Records
31/12/1981	08/02/2015	169

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***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
05/11/1989	08/02/2015	123

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

A declining summer 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.

Bird Population Status - red; 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 Environment and Rural Communities Act 2006 - Species of Principal Importance in England (sec; UK Biodiversity Action Plan priority species

First Date	Last Date	No. of Records
27/05/1966	17/05/2005	25

***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. It's diet consists of insects, especially hairy caterpillars.

Bird Population Status - red; Natural Environment and Rural Communities Act 2006 - Species of Principal Importance in England (sec; UK Biodiversity Action Plan priority species

First Date	Last Date	No. of Records
17/04/1989	04/06/2015	27

***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; Bird Population Status - amber; EC CITES Annex A; Wildlife and Countryside Act 1981 (Schedule 1 Part 1)

First Date	Last Date	No. of Records
17/01/1979	19/02/2004	17

***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

First Date	Last Date	No. of Records
18/01/1976	04/11/2014	48

***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

First Date	Last Date	No. of Records
09/04/1978	13/09/2014	44

***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; Bird Population Status - amber; Birds Directive Annex 1; EC CITES Annex A

First Date	Last Date	No. of Records
27/11/2004	-	1

***Caprimulgus europaeus*****Nightjar****BAP N**

This brown hawk-like bird is recorded as a breeding species from many commons, heaths and open woods across both East and West Sussex but is a declining species due mainly to habitat loss, afforestation and fragmentation. This nocturnal species feeds on insects and moths and its churring song is an evocative sound of the summer. It is a fairly common but localised summer visitor which is rarely seen on migration.

Bern Convention Appendix 2; Bird Population Status - red; Birds Directive Annex 1; Natural Environment and Rural Communities Act 2006 - Species of Principal Importance in England (sec; UK Biodiversity Action Plan priority species

First Date	Last Date	No. of Records
01/06/2000	-	1

***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

First Date	Last Date	No. of Records
18/07/1997	13/06/2015	26

***Alcedo atthis*****Kingfisher**

Fairly common resident and occasional 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; Bird Population Status - amber; Birds Directive Annex 1; Wildlife and Countryside Act 1981 (Schedule 1 Part 1)

First Date	Last Date	No. of Records
10/07/1982	12/10/2013	18

***Upupa epops*****Hoopoe**

Very scarce spring and autumn passage migrant which has bred in Sussex. This exotic-looking black, white and orange bird has a crest and it has been recorded from both coastal and inland locations including garden lawns where it feeds on insects and spiders.

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

First Date	Last Date	No. of Records
15/05/1967	-	1

***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; Bird Population Status - amber

First Date	Last Date	No. of Records
04/05/1981	28/11/2015	111

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***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
24/05/1980	12/05/2015	102

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***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
01/06/1980	22/09/2013	56

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***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
01/06/1995	12/06/2009	6

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***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
08/06/2005	-	1

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

A 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 Environment and Rural Communities Act 2006 - Species of Principal Importance in England (sec; UK Biodiversity Action Plan priority species)

First Date	Last Date	No. of Records
03/05/1978	19/08/1987	5

***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 Environment and Rural Communities Act 2006 - Species of Principal Importance in England (sec; UK Biodiversity Action Plan priority species)

First Date	Last Date	No. of Records
18/08/2007	-	1

***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
31/12/1981	13/06/2015	62

***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
31/12/1981	24/08/2014	21

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

Declined considerably in the mid- to late-20th century largely due to loss of heathland habitat and changes in agriculture. 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.

Bird Population Status - amber; Birds Directive Annex 1; Natural Environment and Rural Communities Act 2006 - Species of Principal Importance in England (sec; UK Biodiversity Action Plan priority species; Wildlife and Countryside Act 1981 (Schedule 1 Part 1))

First Date	Last Date	No. of Records
10/04/2011	-	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.

Bird Population Status - red; Birds Directive Annex 2.2; Natural Environment and Rural Communities Act 2006 - Species of Principal Importance in England (sec; UK Biodiversity Action Plan priority species

First Date	Last Date	No. of Records
30/07/1989	09/03/2014	41

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***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; Bird Population Status - amber

First Date	Last Date	No. of Records
26/08/1997	18/08/2007	4

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***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; Bird Population Status - amber

First Date	Last Date	No. of Records
01/06/1991	27/09/2014	49

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***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
23/09/1991	02/09/2014	43

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***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
27/09/1989	08/09/2014	21

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**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; Bird Population Status - red; Environmental Stewardship Target Species (Romney Marsh); Nerc Act 2006; UK Biodiversity Action Plan priority species

First Date	Last Date	No. of Records
28/08/1990	23/04/2009	3

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**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; Bird Population Status - amber

First Date	Last Date	No. of Records
28/05/1969	12/12/2013	24

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**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 yarrellii* 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
01/06/1995	27/11/2014	43

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

Bern Convention Appendix 2

First Date	Last Date	No. of Records
18/08/2007	29/12/2013	6

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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
31/12/1981	05/06/2015	98

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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
30/07/1989	08/02/2015	137

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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
31/12/1981	05/06/2015	197

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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; Bird Population Status - amber

First Date	Last Date	No. of Records
22/04/1978	01/06/2012	94

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

This robin-sized bird is a scarce and declining 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

First Date	Last Date	No. of Records
16/07/1990	28/08/2007	10

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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; Bird Population Status - amber

First Date	Last Date	No. of Records
28/05/2004	02/09/2014	3

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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

First Date	Last Date	No. of Records
24/01/1990	09/12/2007	6

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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; Bird Population Status - amber

First Date	Last Date	No. of Records
27/08/2007	31/08/2014	3

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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
23/12/1990	28/11/2015	204

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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
18/01/1989	28/11/2015	34

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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.

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
30/07/1989	28/11/2015	110

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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
31/12/1989	08/02/2015	50

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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.

Bird Population Status - amber; Birds Directive Annex 2.2

First Date	Last Date	No. of Records
31/12/1981	08/02/2015	30

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***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; Bird Population Status - red; Convention on Migratory Species; Appendix 2; Natural Environment and Rural Communities Act 2006 - Species of Principal Importance in England (sec; UK Biodiversity Action Plan priority species

First Date	Last Date	No. of Records
30/07/1989	27/09/2014	46

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***Ficedula hypoleuca*****Pied Flycatcher**

Scarce passage migrant; more numerous in autumn than spring. Has bred. Often recorded in some numbers near the coast in woods and copses during autumn migrations. It feeds on insects and caterpillars; fruit and seeds in late summer and on migration.

Bird Population Status - amber; Convention on Migratory Species; Appendix 2

First Date	Last Date	No. of Records
10/09/1998	04/09/2007	8

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***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
30/07/1989	05/06/2015	39

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

A common summer visitor and passage migrant it has very dull brown non-descript plumage as its 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
31/12/1981	17/05/2012	12

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***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
30/07/1989	18/08/2014	12

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***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.

Bird Population Status - amber

First Date	Last Date	No. of Records
30/07/1989	27/09/2014	37

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***Sylvia undata*****Dartford Warbler**

One of Britain's few resident warblers and a fairly common but localised bird breeding almost exclusively on heathland. Vulnerable to cold winters and the destruction of gorse scrub. This small, dark, long-tailed warbler has a scratchy warbling song and feeds on insects and spiders that it gleans from gorse.

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

First Date	Last Date	No. of Records
08/06/2005	-	1

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***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

First Date	Last Date	No. of Records
31/12/1981	28/11/2015	40

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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; Bird Population Status - amber; Wildlife and Countryside Act 1981 (Schedule 1 Part 1)

First Date	Last Date	No. of Records
04/01/1999	09/12/2007	5

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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.

First Date	Last Date	No. of Records
31/12/1981	28/11/2015	80

***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

First Date	Last Date	No. of Records
31/12/1981	28/11/2015	227

***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

First Date	Last Date	No. of Records
31/12/1981	28/11/2015	194

***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

First Date	Last Date	No. of Records
31/12/1981	15/08/2014	30

***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
01/06/1979	30/12/2008	19

***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
14/01/1978	28/03/2014	18

***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
30/07/1989	05/06/2015	76

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***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
02/02/1998	05/06/2015	41

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***Oriolus oriolus*****Golden Oriole**

This beautiful bird is a very scarce passage migrant and rare summer visitor; which may have bred in 1965. Mainly recorded on the coast. Breeding birds frequent woodland edges, orchards and, in Britain, poplar plantations. Has a distinctive fluting whistle and feeds on insects.

Bern Convention Appendix 2; Bird Population Status - red; Wildlife and Countryside Act 1981 (Schedule 1 Part 1)

First Date	Last Date	No. of Records
09/06/1980	-	1

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***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
30/07/1989	08/10/2015	106

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***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
31/12/1981	12/05/2015	134

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

First Date	Last Date	No. of Records
20/05/2011	19/11/2014	13

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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
02/02/1989	08/02/2015	123

***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
01/04/1975	27/11/2014	76

***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
20/11/1989	08/02/2015	111

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

Birds Directive Annex 2.2

First Date	Last Date	No. of Records
31/12/1981	-	1

***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.

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
31/12/1981	08/02/2015	112

***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 Environment and Rural Communities Act 2006 - Species of Principal Importance in England (sec); UK Biodiversity Action Plan priority species

First Date	Last Date	No. of Records
01/06/1995	08/02/2015	162

***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.

Bird Population Status - red; 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 Environment and Rural Communities Act 2006 - Species of Principal Importance in England (sec); UK Biodiversity Action Plan priority species

First Date	Last Date	No. of Records
28/12/1976	28/05/2004	22

***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.

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

First Date	Last Date	No. of Records
28/11/1991	19/04/2013	10

***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
31/12/1981	-	1

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

First Date	Last Date	No. of Records
09/12/2007	12/05/2015	3

***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; Bird Population Status - red; Nerc Act 2006; UK Biodiversity Action Plan priority species

First Date	Last Date	No. of Records
31/12/1981	02/09/2014	23

***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
14/03/1998	15/04/2013	16

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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
23/11/1990	08/02/2015	147

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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
01/10/1997	03/03/2013	9

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***Carduelis 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
31/12/1981	08/02/2015	76

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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
25/04/1989	12/05/2015	98

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

A chunky finch with a large head and bill, it is a scarce visitor occurring in large numbers in particularly favourable 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
28/03/1984	-	1

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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.

Bird Population Status - amber; Nerc Act 2006; UK Biodiversity Action Plan priority species

First Date	Last Date	No. of Records
30/07/1989	18/11/2014	74

***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 Environment and Rural Communities Act 2006 - Species of Principal Importance in England (sec; UK Biodiversity Action Plan priority species

First Date	Last Date	No. of Records
02/09/1981	10/10/1991	3

***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; Bird Population Status - red; 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 Environment and Rural Communities Act 2006 - Species of Principal Importance in England (sec; UK Biodiversity Action Plan priority species

First Date	Last Date	No. of Records
28/04/1989	03/07/2011	36

***Emberiza cirlus*****Cirl Bunting****BAP N**

Once found commonly across much of southern England, cirl buntings are now very rare and only breed in south Devon. The species bred in Sussex until 1982 but has been only rarely recorded as a casual visitor since then.

Bern Convention Appendix 2; Bird Population Status - red; Natural Environment and Rural Communities Act 2006 - Species of Principal Importance in England (sec; UK Biodiversity Action Plan priority species; Wildlife and Countryside Act 1981 (Schedule 1 Part 1)

First Date	Last Date	No. of Records
15/09/1969	21/08/1982	2

***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; Bird Population Status - amber; Natural Environment and Rural Communities Act 2006 - Species of Principal Importance in England (sec; UK Biodiversity Action Plan priority species

First Date	Last Date	No. of Records
05/02/1978	12/03/2013	8

## 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 West Chiltington Parish

20 June 2016      SxBRC/16/196      Search Area:  
Sharon Davis (West Chiltington Neighbourhood Plan Steering Group)

### *Fossombronia foveolata*

### Pitted Frillwort

**N**

#### Liverwort

A rare liverwort of damp, usually peaty, tracks on heathland and on acid soils in woods, often on ground flooded in winter. Only recently recorded in our area from Ambersham in West Sussex, though there are a couple of older records from East Sussex. Scattered records from elsewhere in Britain.

#### Designations

Natural Environment and Rural Communities Act 2006 - Species of Principal Importance in England (sec, Sussex Biodiversity Action Plan, Sussex Rare Species Inventory, UK Biodiversity Action Plan priority species)

Grid Reference	Recorder	Date	Locality
TQ07461686	Tom Ottley;S. Rubinstein	06/11/2014	Hurston Warren, West Sussex (VC13)

### *Lophozia ventricosa*

### Tumid Notchwort

#### Liverwort

#### Designations

Sussex Biodiversity Action Plan

Grid Reference	Recorder	Date	Locality
TQ074169	Tom Ottley;Bruce Middleton	30/10/2014	Hurston Warren, West Sussex (VC13)
TQ075169	Recorder @ BBS British Bryological Soc.;Rod Stern	19/04/1985	Hurston Warren, West Sussex (VC13)

### *Dicranum spurium*

### Rusty Fork-moss

**N**

#### Moss

A rare heathland moss with a characteristic bushy appearance growing on thin peat layers. Widespread on West Sussex commons.

#### Designations

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

Grid Reference	Recorder	Date	Locality
TQ0716	E.C. Wallace	24/05/1947	Storrington, Hurstow Warren, West Sussex (VC13)
TQ075169	Francis Rose	01/01/1943 - 31/12/1951	Hurston Warren, West Sussex (VC13)

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*Pilularia globulifera*

## Pillwort

N

**Fern**

A small fern growing that grows beside still, or slowly flowing, non-calcareous water. Formerly scattered thinly across our area but now assumed to be extinct in both East and West Sussex. 1790-1985

**Designations**

IUCN (2001) - Lower risk - near threatened, Natural Environment and Rural Communities Act 2006 - Species of Principal Importance in England (sec, Sussex Biodiversity Action Plan, Sussex Rare Species Inventory, UK Biodiversity Action Plan priority species

Grid Reference	Recorder	Date	Locality
TQ0816	Dr Paxton	14/07/1875	West Chiltington Common

---

*Lycopodiella inundata*

## Marsh Clubmoss

N

**Clubmoss**

A clubmoss of wet, bare, peaty or sandy margins of lakes, pools, flushes and trackways. Declining nationally, but known from several sites heathland sites in East and West Sussex.

**Designations**

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

Grid Reference	Recorder	Date	Locality
TQ0816	Unknown	1896	Approx.NGR, West Chiltington Common

---

*Ranunculus arvensis*

## Corn Buttercup

N

**Flowering plant**

A long-established arable weed which was once abundant on light soils in Sussex but is now extremely scarce and normally occurs in very limited numbers. Recorded from eight sites in East and West Sussex between 1987 and 2000.

**Designations**

Farm Environment Plan Guidance 007- Table 3, IUCN (2001) - Critically endangered, Natural Environment and Rural Communities Act 2006 - Species of Principal Importance in England (sec, Sussex Biodiversity Action Plan, Sussex Rare Species Inventory, UK Biodiversity Action Plan priority species

Grid Reference	Recorder	Date	Locality
TQ1018820304	M. Shaw;A. Hoare	30/05/2011	E of Broadford Bridge and Hungerhill, West Sussex (VC13)
TQ102204	Anon @ Sussex Bot. Rec. Soc.;Frank Dougharty	1999	Cattlestone Farm, West Sussex (VC13)

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*Chamaemelum nobile*

## Chamomile

N

**Flowering plant**

The decline in many parts of Britain of this species of heaths and commons became apparent towards the end of the last century. The plant still occurs in both East and West Sussex on greens, cricket fields and closely mown unimproved turf and may increase in response to pony grazing.

**Designations**

IUCN (2001) - Vulnerable, Natural Environment and Rural Communities Act 2006 - Species of Principal Importance in England (sec, Sussex Biodiversity Action Plan, Sussex Rare Species Inventory, UK Biodiversity Action Plan priority species

Grid Reference	Recorder	Date	Locality
TQ10181986	M. Shaw;A. Hoare	30/05/2011	N of Thakeham and Warminghurst, West Sussex (VC13)
TQ102198	Kate Ryland	04/09/1996	Cattlestone Farm, Field 2
TQ102200	Kate Ryland	May 1997	Cattlestone FarmWest Chiltington

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*Scandix pecten-veneris*

## Shepherd's-needle

N

**Flowering plant**

A long-established annual of arable fields and rarely on waste ground, coastal cliffs and in gardens. Has declined dramatically since the advent of modern agriculture, but still has five recent records in West Sussex and three in East Sussex.

**Designations**

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

Grid Reference	Recorder	Date	Locality
TQ1018820304	M. Shaw;A. Hoare	30/05/2011	E of Broadford Bridge and Hungerhill, West Sussex (VC13)
TQ102200	Frank Penfold	August 1998	Cattlestone Farm, West Chiltington
TQ102204	Anon @ Sussex Bot. Rec. Soc.;Arthur Hoare	1997	Cattlestone Fm, West Sussex (VC13)
TQ12A	SPASU	1979	West Sussex (VC13)

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*Sium latifolium*

## Greater Water-parsnip

N

**Flowering plant**

An aquatic perennial now generally found in ditches, growing amongst other emergent species, or in reedswamp. A declining species currently known from several sites in West Sussex but only two in East Sussex.

**Designations**

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

Grid Reference	Recorder	Date	Locality
TQ076178	Frances Abraham	17/05/2004	Nutbourne
TQ0818	Anon;Anon @ Sussex Bot. Rec. Soc.	1988	West Sussex (VC13)
TQ083182	Anon @ Monks Wood	1988	Nutbourne, West Sussex (VC13)

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*Gryllus campestris*

## Field Cricket

N

**Insect - orthopteran**

The field-cricket is an extremely rare, declining and vulnerable insect which, in the UK, is restricted to one natural population, consisting of three sub-populations, within one square kilometre in West Sussex. Two reintroduced populations have been established, both of which are also in West Sussex.

**Designations**

Natural Environment and Rural Communities Act 2006 - Species of Principal Importance in England (sec, 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 9.1 (killing/injuring)), Wildlife and Countryside Act 1981 (Schedule 5 Section 9.1 (taking)), Wildlife and Countryside Act 1981 (Schedule 5 Section 9.2), 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 Section 9.5a), Wildlife and Countryside Act 1981 (Schedule 5 Section 9.5b), Wildlife and Countryside Act 1981 (Schedule 5)

Grid Reference	Recorder	Date	Locality
TQ06981712	Graeme Lyons;Mike Edwards	04/06/2015	West Sussex Golf Course
TQ07001703	Graeme Lyons;Mike Edwards	04/06/2015	West Sussex Golf Course
TQ07011703	Graeme Lyons;Mike Edwards	04/06/2015	West Sussex Golf Course
TQ07011711	Graeme Lyons;Mike Edwards	04/06/2015	West Sussex Golf Course



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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 Environment and Rural Communities Act 2006 - Species of Principal Importance in England (sec, Sussex Biodiversity Action Plan, Sussex Rare Species Inventory, UK Biodiversity Action Plan priority species, Wildlife and Countryside Act 1981 (Schedule 5 Section 9.5a), Wildlife and Countryside Act 1981 (Schedule 5 Section 9.5b)

Grid Reference	Recorder	Date	Locality
TQ077174	Recorder @ WildCall	01/05/2011 - 30/06/2011	Garden, Sedlescombe CP

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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 Environment and Rural Communities Act 2006 - Species of Principal Importance in England (sec, Sussex Biodiversity Action Plan, UK Biodiversity Action Plan priority species)

Grid Reference	Recorder	Date	Locality
TQ102200	Frank Dougharty	20/03/1998	Cattlestone Farm, West Chiltington

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*Hemistola chrysoprasaria*

## Small Emerald

N

**Insect - moth**

A moth of downland, hedgerows and edges of woods, mainly found on chalk. Larva on Clematis. Widely distributed in the southern half of Britain, less frequent from the Midlands northwards to Lincolnshire and Westmorland. Widespread in Sussex, mainly from the coast and the Downs.

**Designations**

Natural Environment and Rural Communities Act 2006 - Species of Principal Importance in England (sec, Sussex Biodiversity Action Plan, UK Biodiversity Action Plan priority species)

Grid Reference	Recorder	Date	Locality
TQ102200	Frank Dougharty	11/07/1998	Cattlestone Farm, West Chiltington

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*Eulithis mellinata*

## Spinach

N

**Insect - moth**

Found in commons and open woodland and also gardens where its foodplants grow. Larvae on red and black currants. Widespread and moderately common in England and Wales, very local in Scotland. Rather scarce in Sussex with scattered records.

**Designations**

Natural Environment and Rural Communities Act 2006 - Species of Principal Importance in England (sec, Sussex Biodiversity Action Plan, UK Biodiversity Action Plan priority species)

Grid Reference	Recorder	Date	Locality
TQ102200	Frank Dougharty	13/06/1998	Cattlestone Farm, West Chiltington

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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 Environment and Rural Communities Act 2006 - Species of Principal Importance in England (sec, Sussex Biodiversity Action Plan, UK Biodiversity Action Plan priority species)

Grid Reference	Recorder	Date	Locality
TQ102200	Frank Dougharty	27/07/1998	Cattlestone Farm, West Chiltington

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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 Environment and Rural Communities Act 2006 - Species of Principal Importance in England (sec, Sussex Biodiversity Action Plan, UK Biodiversity Action Plan priority species)

Grid Reference	Recorder	Date	Locality
TQ060173	Andy Cotton;Don Tagg	14/06/1996	Pulborough Brooks
TQ078167	Jacob Everitt	22/06/2012	Monkmead Woods, HDC: Monkmead Woods

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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 Environment and Rural Communities Act 2006 - Species of Principal Importance in England (sec, Sussex Biodiversity Action Plan, UK Biodiversity Action Plan priority species)

Grid Reference	Recorder	Date	Locality
TQ102200	Frank Dougharty	23/08/1998	Cattlestone Farm, West Chiltington

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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 Environment and Rural Communities Act 2006 - Species of Principal Importance in England (sec, Sussex Biodiversity Action Plan, UK Biodiversity Action Plan priority species)

Grid Reference	Recorder	Date	Locality
TQ060173	Andy Cotton;Don Tagg	14/06/1996	Pulborough Brooks

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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 Environment and Rural Communities Act 2006 - Species of Principal Importance in England (sec, Sussex Biodiversity Action Plan, UK Biodiversity Action Plan priority species)

Grid Reference	Recorder	Date	Locality
TQ060173	Andy Cotton;Don Tagg	14/06/1996	Pulborough Brooks
TQ102200	Frank Dougharty	16/05/1998	Cattlestone Farm, West Chiltington

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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 Environment and Rural Communities Act 2006 - Species of Principal Importance in England (sec, Sussex Biodiversity Action Plan, UK Biodiversity Action Plan priority species)

Grid Reference	Recorder	Date	Locality
TQ102200	Frank Dougharty	17/06/1998	Cattlestone Farm, West Chiltington

---

*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 Environment and Rural Communities Act 2006 - Species of Principal Importance in England (sec, Sussex Biodiversity Action Plan, UK Biodiversity Action Plan priority species)

Grid Reference	Recorder	Date	Locality
TQ060173	Andy Cotton;Don Tagg	14/06/1996	Pulborough Brooks
TQ102200	Frank Dougharty	03/07/1998	Cattlestone Farm, West Chiltington

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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 Environment and Rural Communities Act 2006 - Species of Principal Importance in England (sec, Sussex Biodiversity Action Plan, UK Biodiversity Action Plan priority species)

Grid Reference	Recorder	Date	Locality
TQ0820	Chris Skinner	27/05/2012	TQ0820 Gay Street, Woodhill Copse (1km sq)

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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 Environment and Rural Communities Act 2006 - Species of Principal Importance in England (sec, Sussex Biodiversity Action Plan, UK Biodiversity Action Plan priority species)

Grid Reference	Recorder	Date	Locality
TQ0820	Chris Skinner	27/05/2012	TQ0820 Gay Street, Woodhill Copse (1km sq)
TQ1018	Dave Green;Penny Green	27/05/2012	TQ1018 West Chiltington, Picketty Cotts (1km sq)

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*Plebejus argus*

## Silver-studded Blue

N

**Insect - butterfly**

A small blue butterfly now confined in Sussex to a few heathlands, particularly Ashdown Forest. In the past the form found in chalk and limestone habitats occurred on the South Downs. The silver-studded blue has undergone a severe decline in range this century, estimated at 80%. It has become extinct in Scotland and northern England, and throughout most of central, eastern and south-eastern England. This is mainly due to loss, fragmentation and inappropriate habitat management.

**Designations**

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

Grid Reference	Recorder	Date	Locality
TQ0717	Ian Streeter	01/07/1999	Hurston Warren Golf Course

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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 Environment and Rural Communities Act 2006 - Species of Principal Importance in England (sec, Sussex Biodiversity Action Plan, Sussex Rare Species Inventory, UK Biodiversity Action Plan priority species, Wildlife and Countryside Act 1981 (Schedule 5 Section 9.5a), Wildlife and Countryside Act 1981 (Schedule 5 Section 9.5b))

Grid Reference	Recorder	Date	Locality
TQ0617	D. Dancy;M. Dancy	25/08/2006	Pulborough Brooks RSPB, Pulborough Brooks
TQ0820	David Cooling;Jean Cooling	2000	Woodhill Copse, Broadford Bridge
TQ091204	John Garrett	2000	Woodhill Copse, Gay Street
TQ0919	Richard Roebuck;Michael Blencowe	11/12/2010	West Chiltington, Woods Hill (1km sq), West Sussex (VC13)
TQ0920	Richard Roebuck;Michael Blencowe	05/12/2010	Gay Street, Willets Farm (1km sq), West Sussex (VC13)
TQ09351625	M Kalaher	16/12/2010	West Chiltington, Smock Alley (1km sq), West Sussex (VC13)
TQ096216	Peter Gay;Joyce Gay	09/11/2000	Broadford Bridge
TQ100246	Peter Gay;Joyce Gay	01/12/2000	Rosier Gate, Billingshurst
TQ1023	Richard Roebuck;Michael Blencowe	05/12/2010	Coneyhurts, Balls Green (1km sq), West Sussex (VC13)
TQ1024	Richard Roebuck;Michael Blencowe	05/12/2010	Coneyhurts, Court Farm (1km sq), West Sussex (VC13)
TQ103237	Peter Gay;Joyce Gay	09/11/2000	Coneyhurst
TQ104188	J.P. Gay	23/12/1996	Nr West Chiltington
TQ109248	Peter Gay;Joyce Gay	09/11/2000	Coneyhurst

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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 Environment and Rural Communities Act 2006 - Species of Principal Importance in England (sec, Sussex Biodiversity Action Plan, UK Biodiversity Action Plan priority species)

Grid Reference	Recorder	Date	Locality
TQ0617	Jim Steedman	19/07/1998	Hurston Warren (nw)
TQ077169	Claire Sell	29/06/2014	Monkmead Woods, West Chiltington
TQ077170	Claire Sell	20/07/2014	Monkmead Woods, West Chiltington
TQ078167	Stuart Card	10/07/2013	Monkmead Woods, HDC: Monkmead Woods
TQ0820	Jim Glover;Chris Skinner	19/07/2013	TQ0820 Gay Street, Woodhill Copse (1km sq)
TQ088205	Claire Sell	15/07/2015	Woodhill Copse/West Wood, West Sussex.
TQ089205	Claire Sell	22/06/2014	Woodhill Copse, West Chiltington
TQ092204	Joyce Gay	15/07/2004	Woodhill Copse, glade, nr West Chiltington

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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 Environment and Rural Communities Act 2006 - Species of Principal Importance in England (sec, Sussex Biodiversity Action Plan, UK Biodiversity Action Plan priority species)

Grid Reference	Recorder	Date	Locality
TQ0617	Graham Champion	24/06/2004	Lickford
TQ0821	J.P. Gay	15/08/1996	Nutbourne, Pulborough
TQ089213	J.P. Gay	15/08/1996	Gay Sreet, Broadford Bridge
TQ1018	Dave Green;Penny Green	27/05/2012	TQ1018 West Chiltington, Picketty Cotts (1km sq)

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*Lasiommata megera*

## Wall

N

**Insect - butterfly**

A grassland butterfly that has undergone a severe decline and now is normally only found near the coast and on the eastern part of the South Downs.

**Designations**

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

Grid Reference	Recorder	Date	Locality
TQ092187	Claire Sell	19/08/2015	West Chiltington

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*Anisus (Disculifer) vorticulus*

## Little Whirlpool Ram's-horn Snail

N

**Mollusc**

A ramshorn snail of weedy ditches on grazing marshes. A declining species due to pollution levels and reprofiling of dykes and ditches. Recorded from several suitable places in both East and West Sussex. 1965-1997.

**Designations**

European Protected Species, Habitats Directive Annex 2 - non-priority species, Habitats Directive Annex 4, Natural Environment and Rural Communities Act 2006 - Species of Principal Importance in England (sec, Sussex Biodiversity Action Plan, Sussex Rare Species Inventory, UK Biodiversity Action Plan priority species

Grid Reference	Recorder	Date	Locality
TQ060177	Martin Willing	May 2006	Survey site 24A, Pulborough Brooks
TQ06041776	Martin Willing	2005	Site 24A, Pulborough Brooks

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*Bufo bufo*

## Common Toad

N

**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 Environment and Rural Communities Act 2006 - Species of Principal Importance in England (sec, Sussex Biodiversity Action Plan, UK Biodiversity Action Plan priority species, Wildlife and Countryside Act 1981 (Schedule 5 Section 9.5a), Wildlife and Countryside Act 1981 (Schedule 5 Section 9.5b)

Grid Reference	Recorder	Date	Locality
TQ0617	Andy Cotton	1995	Pulborough Brooks
TQ073172	SARG Sussex Amphibian & Reptile Grp	01/01/1987	Hurston Warren, West Sussex (VC13)
TQ083176	SARG 2002 Leaflet	2002	21 The Birches, West Chiltington, Pulborough, West Sussex (VC13)
TQ085170	SARG Sussex Amphibian & Reptile Grp	01/03/1995	Oak Tree Cottage, West Chiltington, West Sussex (VC13)
TQ085172	Alf Simpson MBE	13/03/2005	Restharrow, Nightingales, West Chiltington, West Chiltington CP
TQ085175	SARG 2002 Leaflet	2002	West Sussex, West Sussex (VC13)
TQ086174	SARG recorder	2001	Restharrow, Nightingales, W. Chiltington, West Chiltington CP
TQ087174	David Livett	07/05/2007	Restharrow, Nightingales, West Chiltington, West Chiltington CP

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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 Environment and Rural Communities Act 2006 - Species of Principal Importance in England (sec, Sussex Biodiversity Action Plan, UK Biodiversity Action Plan priority species

Grid Reference	Recorder	Date	Locality
TQ0649917885	Recorder @ Environment Agency	08/10/2010	River Stor, Winterfield Farm
TQ0717616138	Recorder @ Environment Agency	09/08/2013	River Stor, Hurston Place sq
TQ0719216122	Recorder @ Environment Agency	26/07/2005	River Stor, Hurston Place sq
TQ0730316032	Viviane Doussy	27/05/2014	Private garden, Hurston Lane, Storrington, West Sussex (VC13)
TQ0762617062	Recorder @ Environment Agency	15/07/2005	River Chilt, Heath Mill
TQ0770716889	Recorder @ Environment Agency	03/05/2013	River Chilt, Heath Mill
TQ0923016892	Recorder @ Environment Agency	03/05/2013	River Chilt, Threals Lane

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***Salmo trutta*****Brown/Sea Trout****N****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 Environment and Rural Communities Act 2006 - Species of Principal Importance in England (sec, Sussex Biodiversity Action Plan, UK Biodiversity Action Plan priority species

Grid Reference	Recorder	Date	Locality
TQ0649917885	Recorder @ Environment Agency	08/10/2010	River Stor, Winterfield Farm
TQ0717616138	Recorder @ Environment Agency	09/08/2013	River Stor, Hurston Place sq
TQ0719216122	Recorder @ Environment Agency	26/07/2005	River Stor, Hurston Place sq
TQ0762617062	Recorder @ Environment Agency	15/07/2005	River Chilt, Heath Mill

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***Anguis fragilis*****Slow-worm****N****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 Environment and Rural Communities Act 2006 - Species of Principal Importance in England (sec, Sussex Biodiversity Action Plan, Sussex Protected Species Register, UK Biodiversity Action Plan priority species, Wildlife and Countryside Act 1981 (Schedule 5 Section 9.1 (killing/injuring)), Wildlife and Countryside Act 1981 (Schedule 5 Section 9.5a), Wildlife and Countryside Act 1981 (Schedule 5 Section 9.5b)

Grid Reference	Recorder	Date	Locality
TQ067171	SARG 2002 Leaflet	2002	West Sussex, West Sussex (VC13)
TQ0717	SARG Sussex Amphibian & Reptile Grp; Dennis Dey	01/01/1993	West Chlington Common, West Sussex (VC13)
TQ077174	Recorder @ WildCall	28/06/2010	Fraoch, Castlegate, West Chilmington, Pulborough, West Sussex (VC13)
TQ078167	Stuart Card	21/08/2013	Monkmead Woods, HDC: Monkmead Woods
TQ083176	SARG 2002 Leaflet	2002	21 The Birches, West Chilmington, Pulborough, West Sussex (VC13)
TQ085175	SARG 2002 Leaflet	2002	West Sussex, West Sussex (VC13)

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***Zootoca vivipara*****Common Lizard****N****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 Environment and Rural Communities Act 2006 - Species of Principal Importance in England (sec, Sussex Biodiversity Action Plan, Sussex Protected Species Register, UK Biodiversity Action Plan priority species, Wildlife and Countryside Act 1981 (Schedule 5 Section 9.1 (killing/injuring)), Wildlife and Countryside Act 1981 (Schedule 5 Section 9.5a), Wildlife and Countryside Act 1981 (Schedule 5 Section 9.5b)

Grid Reference	Recorder	Date	Locality
TQ067171	SARG 2002 Leaflet	2002	West Sussex, West Sussex (VC13)
TQ0717	SARG Sussex Amphibian & Reptile Grp; Dennis Dey	29/07/1994	Hurston Warren Golf Club, West Sussex (VC13)
TQ074169	HNHS Horsham Natural Hist. Soc.	1981	Hurston Warren



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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 Environment and Rural Communities Act 2006 - Species of Principal Importance in England (sec, Sussex Biodiversity Action Plan, Sussex Protected Species Register, UK Biodiversity Action Plan priority species, Wildlife and Countryside Act 1981 (Schedule 5 Section 9.1 (killing/injuring)), Wildlife and Countryside Act 1981 (Schedule 5 Section 9.5a), Wildlife and Countryside Act 1981 (Schedule 5 Section 9.5b)

Grid Reference	Recorder	Date	Locality
TQ0617	Andy Cotton	1995	Pulborough Brooks
TQ067171	SARG 2002 Leaflet	2002	West Sussex, West Sussex (VC13)
TQ0717	SARG Sussex Amphibian & Reptile Grp;Dennis Dey	01/01/1994	Hurston Warren Golf Course, West Sussex (VC13)
TQ073174	SARG Sussex Amphibian & Reptile Grp	01/01/1991	Monkmead Lane, West Chiltington, West Sussex (VC13)
TQ074169	HNHS Horsham Natural Hist. Soc.	1981	Hurston Warren
TQ075163	Recorder @ Lloyd Bore Ass.	29/06/2011	Land at Water Lane, Storrington, West Sussex, Storrington
TQ075165	SARG Sussex Amphibian & Reptile Grp;Dennis Dey	08/07/1993	Hurston Warren, West Sussex (VC13)
TQ076206	SARG Sussex Amphibian & Reptile Grp;Dennis Dey	17/06/1994	Gay Street, Adversane, West Sussex (VC13)
TQ077168	SARG Sussex Amphibian & Reptile Grp;Dennis Dey	01/08/1991	Monkmead Lane, West Chiltington, West Sussex (VC13)
TQ078167	Stuart Card	10/07/2013	Monkmead Woods, HDC: Monkmead Woods
TQ0817	SARG Sussex Amphibian & Reptile Grp;Dennis Dey	28/05/1999	Mill View Cottage, West Chiltington, West Sussex (VC13)
TQ082177	SARG Sussex Amphibian & Reptile Grp;Dennis Dey	29/05/1999	Foxfields, West Chiltington, West Sussex (VC13)
TQ083172	SARG Sussex Amphibian & Reptile Grp;Dennis Dey	13/07/1999	4 Morris Way, West Chiltington, West Sussex (VC13)
TQ085175	SARG 2002 Leaflet	2002	West Sussex, West Sussex (VC13)
TQ093165	SARG Sussex Amphibian & Reptile Grp	06/08/1987	Hermiston, Hazelwood Close, Storrington, West Sussex (VC13)
TQ1024	SARG Sussex Amphibian & Reptile Grp;Dennis Dey	18/08/1997	Coneyhurst Copse, Coneyhurst, West Sussex (VC13)

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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 Environment and Rural Communities Act 2006 - Species of Principal Importance in England (sec, Sussex Biodiversity Action Plan, Sussex Protected Species Register, UK Biodiversity Action Plan priority species, Wildlife and Countryside Act 1981 (Schedule 5 Section 9.1 (killing/injuring)), Wildlife and Countryside Act 1981 (Schedule 5 Section 9.5a), Wildlife and Countryside Act 1981 (Schedule 5 Section 9.5b)

Grid Reference	Recorder	Date	Locality
TQ067171	SARG 2002 Leaflet	2002	West Sussex, West Sussex (VC13)
TQ0717	SARG Sussex Amphibian & Reptile Grp;Dennis Dey	01/01/1994	Hurston Warren Golf Course, West Sussex (VC13)
TQ074169	HNHS Horsham Natural Hist. Soc.	1981	Hurston Warren



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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 Environment and Rural Communities Act 2006 - Species of Principal Importance in England (sec, Sussex Biodiversity Action Plan, UK Biodiversity Action Plan priority species)

Grid Reference	Recorder	Date	Locality
TQ099183	Jeremy Judd	25/08/2012	West Chiltington area

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*Erinaceus europaeus*

## West European Hedgehog

N

**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 Environment and Rural Communities Act 2006 - Species of Principal Importance in England (sec, Sussex Biodiversity Action Plan, UK Biodiversity Action Plan priority species)

Grid Reference	Recorder	Date	Locality
TQ0918	Martin Port	1965	VC13 West Sussex, West Sussex (VC13)

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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 Environment and Rural Communities Act 2006 - Species of Principal Importance in England (sec, 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 9.1 (killing/injuring)), Wildlife and Countryside Act 1981 (Schedule 5 Section 9.1 (taking)), Wildlife and Countryside Act 1981 (Schedule 5 Section 9.2), 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 Section 9.5a), Wildlife and Countryside Act 1981 (Schedule 5 Section 9.5b), Wildlife and Countryside Act 1981 (Schedule 5)

Grid Reference	Recorder	Date	Locality
TQ060173	Frances Southgate	April 2004	Pulborough Brooks North
TQ0608017910	Rowenna Baker	2013	PBW, Pulborough Brooks
TQ0611417838	Kelly Fouchy	15/12/2012	Pulborough Brooks
TQ0818	Unknown	1965	West Chiltington, West Sussex (VC13)
TQ090168	J Monahan	06/07/2004	Beech Croft, Roundabout Lane, W Chiltington, Pulborough, West Chiltington CP
TQ0918	Unknown	1965	Pond, Harting Coombe, West Sussex (VC13)

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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 Environment and Rural Communities Act 2006 - Species of Principal Importance in England (sec, Sussex Biodiversity Action Plan, UK Biodiversity Action Plan priority species

Grid Reference	Recorder	Date	Locality
TQ1020	N T Fryer	1965	VC13 West Sussex, West Sussex (VC13)

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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 Environment and Rural Communities Act 2006 - Species of Principal Importance in England (sec, 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 Section 9.5b), Wildlife and Countryside Act 1981 (Schedule 5)

Grid Reference	Recorder	Date	Locality
TQ0916	Bonnie McBride	22/10/2015	Sensitive and/or private site within The Parish of: West Chiltington
TQ0918	Unknown	1930	West Chiltington, West Sussex (VC13)
TQ09241673	Lexi Tamblyn	02/11/2015	threals lane

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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 Environment and Rural Communities Act 2006 - Species of Principal Importance in England (sec, Sussex Biodiversity Action Plan, UK Biodiversity Action Plan priority species

Grid Reference	Recorder	Date	Locality
TQ0917	Unknown	1920	West Chiltington, West Sussex (VC13)
TQ0918	Unknown	1966	West Chiltington, 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 West Chiltington Parish

20 June 2016

SxBRC/16/196

Search Area:

Sharon Davis (West Chiltington Neighbourhood Plan Steering Group)

### *Fossombronia foveolata*

### Pitted Frillwort

#### Liverwort

A rare liverwort of damp, usually peaty, tracks on heathland and on acid soils in woods, often on ground flooded in winter. Only recently recorded in our area from Ambersham in West Sussex, though there are a couple of older records from East Sussex. Scattered records from elsewhere in Britain.

#### Designations

Natural Environment and Rural Communities Act 2006 - Species of Principal Importance in England (sec; Sussex Biodiversity Action Plan; Sussex Rare Species Inventory; UK Biodiversity Action Plan priority species

Grid Reference	Recorder	Date	Locality
TQ07461686	Tom Ottley;S. Rubinstein	06/11/2014	West Sussex (VC13)

### *Riccardia latifrons*

### Bog Germanderwort

#### Liverwort

A liverwort that grows mainly on Sphagnum and other mosses and peaty soil. Widespread in the British Isles but primarily a species of southern England. In our area recorded from Hurston Warren in West Sussex and near Wych Cross in East Sussex.

#### Designations

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ075169	Recorder @ BBS British Bryological Soc.;Rod Stern	19/04/1985	West Sussex (VC13)

### *Cephalozia macrostachya* var. *macrostachya*

#### Liverwort

#### Designations

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ0716	W. E. Nicholson	01/01/1911 - 31/12/1911	West Sussex (VC13)
TQ075169	Tom Ottley;Bruce Middleton	30/10/2014	West Sussex (VC13)

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*Cladopodiella fluitans*

## Bog Notchwort

**Liverwort**

A calcifuge liverwort of bogs, usually growing among sphagnum moss. Widespread in southern England and the northern and western parts of the British Isles. Rare in our area with two older records from East Sussex and one from Iping Common in West Sussex in the 1990s.

**Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ074169	Tom Ottley; Bruce Middleton	30/10/2014	West Sussex (VC13)
TQ075169	Recorder @ BBS British Bryological Soc.; Rod Stern	19/04/1985	West Sussex (VC13)

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*Calypogeia neesiana***Liverwort****Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ074169	H.W. Wallis	06/12/2009	West Sussex (VC13)

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*Calypogeia sphagnicola*

## Bog Pouchwort

**Liverwort**

A small liverwort that creeps across beds of Sphagnum moss. Mainly lowland and widespread in Britain where conditions are suitable. Recorded in the last fifty years from several commons in West Sussex and Ashdown Forest in East Sussex.

**Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ0716	Recorder @ BBS Southern Group; Rod Stern	06/12/2009	West Sussex (VC13)
TQ075169	Tom Ottley; Bruce Middleton	30/10/2014	West Sussex (VC13)

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*Hydrocharis morsus-ranae*

## Frogbit

**Flowering plant**

An aquatic plant with floating rosettes that is decreasing nationally. In Sussex it is still locally common especially in the ditches of the Brooks in the Arun Valley in West Sussex, those of Pevensey Levels in East Sussex and some other areas.

**Designations**

IUCN (2001) - Vulnerable; Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ061174	C. M. Holt; Sylvia Simkin	14/08/2006	Pulborough Brooks

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*Chenopodium glaucum*

## Oak-leaved Goosefoot

**Flowering plant**

A rare plant of dung-heaps, farmyards and fields. Most of the recent reports come from the Lower Greensand of West Sussex. Not seen in East Sussex since 1986.

**Designations**

IUCN (2001) - Vulnerable; Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ111232	Frances Abraham	23/08/2010	Coolham area

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*Vaccinium oxycoccos*

## Cranberry

**Flowering plant**

A slender, trailing dwarf shrub found in bogs and on very wet heaths, usually creeping amongst Sphagnum. Extinct in East Sussex. In West Sussex lost from many sites but recently recorded in three localities.

**Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ074169	HNHS Horsham Natural Hist. Soc.	1981	Hurston Warren
TQ074170	Frances Abraham	02/05/2004	Hurston Warren
TQ075169	Francis Rose	1992	Hurston Warren

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*Eriophorum vaginatum*

## Hare's-tail Cottongrass

**Flowering plant**

A tussock-forming perennial of wet heaths and mires is restricted to West Sussex, not having been seen in East Sussex since the mid-19th century and only recorded there from Chailey Common in the 1850s.

**Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ074169	Frank Penfold	29/05/1978	Hurston Warren

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*Cyperus longus*

## Galingale

**Flowering plant**

A rare and local perennial of marshes, pondsides and ditches. Probably native in West Sussex near the coast, planted and established elsewhere.

**Designations**

IUCN (2001) - Lower risk - near threatened; Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ11E	Alan Knapp	30/08/2005	West Sussex (VC13)

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## *Carex rostrata*

## Bottle Sedge

### Flowering plant

An occasional and apparently diminishing species, this sedge favours acidic ponds and marshes with constant water levels. Possibly overlooked, but must currently be considered a rarity with a few records from both East and West Sussex.

### Designations

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ074169	HNHS Horsham Natural Hist. Soc.	1981	Hurston Warren

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## *Polypogon monspeliensis*

## Annual Beard-grass

### Flowering plant

An annual grass of barish places by the sea, in damp, cattle-trodden grazing marshes, at the edges of dried-up brackish pools and ditches, and in the uppermost parts of saltmarshes. Also around docks and inland as a casual. Widespread but scarce in East and West Sussex, mostly near the coast.

### Designations

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ0817	Chris Bentley	02/07/2011	River Brede

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## *Bromus secalinus*

## Rye Brome

### Flowering plant

An introduced grass of cereal fields, which is also found as a casual on waste ground, and occasionally in improved leys. Now very rare in our area and possible gone from West Sussex.

### Designations

Farm Environment Plan Guidance 007- Table 3; IUCN (2001) - Vulnerable; Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ095196	Frances Abraham	05/06/2008	West Sussex (VC13)
TQ12C	Frances Abraham	22/08/2010	West Sussex (VC13)

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## *Sedum dasyphyllum*

## Thick-leaved Stonecrop

### Flowering plant

### Designations

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ090193	Colin Raven	February 2000	West Sussex (VC13)

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## *Rorippa amphibia*

## Great Yellow-cress

### Flowering plant

A perennial of emergent vegetation along the edges of streams and rivers, by lakes and ponds and in other swampy ground. Still locally frequent in parts of the Arun Valley, but it may have gone from areas in the Adur Valley where it was formerly known. In East Sussex it persists in a few scattered sites.

### Designations

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ1122238	C. M. Holt; Sylvia Simkin	31/05/2008	West Sussex (VC13)



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*Sphagnum angustifolium*

## Fine Bog-moss

**Moss****Designations**

Habitats Directive Annex 5; Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ074169	HNHS Horsham Natural Hist. Soc.	1981	Hurston Warren

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*Polytrichum commune var. humile***Moss****Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ0717	SAMLL	1908	West Sussex (VC13)

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*Pilularia globulifera*

## Pillwort

**Fern**

A small fern growing that grows beside still, or slowly flowing, non-calcareous water. Formerly scattered thinly across our area but now assumed to be extinct in both East and West Sussex. 1790-1985

**Designations**

IUCN (2001) - Lower risk - near threatened; Natural Environment and Rural Communities Act 2006 - Species of Principal Importance in England (sec; Sussex Biodiversity Action Plan; Sussex Rare Species Inventory; UK Biodiversity Action Plan priority species

Grid Reference	Recorder	Date	Locality
TQ0816	Dr Paxton	14/07/1875	West Chiltington Common

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*Lycopodiella inundata*

## Marsh Clubmoss

**Clubmoss**

A clubmoss of wet, bare, peaty or sandy margins of lakes, pools, flushes and trackways. Declining nationally, but known from several sites heathland sites in East and West Sussex.

**Designations**

IUCN (2001) - Endangered; Natural Environment and Rural Communities Act 2006 - Species of Principal Importance in England (sec; Sussex Biodiversity Action Plan; Sussex Rare Species Inventory; UK Biodiversity Action Plan priority species

Grid Reference	Recorder	Date	Locality
TQ0816	Unknown	1896	West Chiltington Common

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*Narthecium ossifragum*

## Bog Asphodel

**Flowering plant**

A perennial of open wet heaths, bogs and flushes, especially where there is some water movement. Although still widespread in Ashdown Forest, and currently recorded from two locations in West Sussex, this species has disappeared from many locations elsewhere.

**Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ074169	HNHS Horsham Natural Hist. Soc.	1981	Hurston Warren

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*Paris quadrifolia*

## Herb-paris

**Flowering plant**

A perennial of moist, calcareous, usually ancient, woodland. Herb Paris has only ever been frequent in Sussex in the Harting area, especially those on the downland scarp. Still present in one wood in East Sussex where it has been known for c.100 years.

**Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ096228	Anon @ Sussex Bot. Rec. Soc.;Jane Rees	11/05/1995	West Sussex (VC13)

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*Ranunculus arvensis*

## Corn Buttercup

**Flowering plant**

A long-established arable weed which was once abundant on light soils in Sussex but is now extremely scarce and normally occurs in very limited numbers. Recorded from eight sites in East and West Sussex between 1987 and 2000.

**Designations**

Farm Environment Plan Guidance 007- Table 3; IUCN (2001) - Critically endangered; Natural Environment and Rural Communities Act 2006 - Species of Principal Importance in England (sec; Sussex Biodiversity Action Plan; Sussex Rare Species Inventory; UK Biodiversity Action Plan priority species

Grid Reference	Recorder	Date	Locality
TQ1018820304	M. Shaw;A. Hoare	30/05/2011	West Sussex (VC13)
TQ102204	Anon @ Sussex Bot. Rec. Soc.;Frank Dougharty	1999	West Sussex (VC13)

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*Euphorbia platyphyllos*

## Broad-leaved Spurge

**Flowering plant**

A long-established annual of cultivated and waste ground, the margins of arable fields, and occasionally on roadsides. Decreasing throughout southern England and north-west Europe, but with more than 30 post 1986 records from East and West Sussex.

**Designations**

EC CITES Annex B; Farm Environment Plan Guidance 007- Table 3; Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ10192030	M. Shaw;A. Hoare	30/05/2011	West Sussex (VC13)
TQ1020	Frances Abraham	10/07/1999	West Sussex (VC13)
TQ11E	SPASU	1979	West Sussex (VC13)
TQ12A	SPASU	1979	West Sussex (VC13)

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*Galium uliginosum*

## Fen Bedstraw

**Flowering plant**

A perennial plant of base-rich marshes and fens, An uncommon and declining species with a handful of sites in West Sussex and now only one in East Sussex.

**Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ08221807	Frances Abraham	05/06/2008	West Chiltington CP

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*Chamaemelum nobile*

## Chamomile

**Flowering plant**

The decline in many parts of Britain of this species of heaths and commons became apparent towards the end of the last century. The plant still occurs in both East and West Sussex on greens, cricket fields and closely mown unimproved turf and may increase in response to pony grazing.

**Designations**

IUCN (2001) - Vulnerable; Natural Environment and Rural Communities Act 2006 - Species of Principal Importance in England (sec; Sussex Biodiversity Action Plan; Sussex Rare Species Inventory; UK Biodiversity Action Plan priority species

Grid Reference	Recorder	Date	Locality
TQ10181986	M. Shaw;A. Hoare	30/05/2011	West Sussex (VC13)
TQ102198	Kate Ryland	04/09/1996	Cattlestone Farm, Field 2
TQ102200	Kate Ryland	May 1997	Cattlestone Farm, West Chiltington

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*Scandix pecten-veneris*

## Shepherd's-needle

**Flowering plant**

A long-established annual of arable fields and rarely on waste ground, coastal cliffs and in gardens. Has declined dramatically since the advent of modern agriculture, but still has five recent records in West Sussex and three in East Sussex.

**Designations**

IUCN (2001) - Critically endangered; Natural Environment and Rural Communities Act 2006 - Species of Principal Importance in England (sec; Sussex Biodiversity Action Plan; Sussex Rare Species Inventory; UK Biodiversity Action Plan priority species

Grid Reference	Recorder	Date	Locality
TQ1018820304	M. Shaw;A. Hoare	30/05/2011	West Sussex (VC13)
TQ102200	Frank Penfold	August 1998	Cattlestone Farm, West Chiltington
TQ102204	Anon @ Sussex Bot. Rec. Soc.;Arthur Hoare	1997	West Sussex (VC13)
TQ12A	SPASU	1979	West Sussex (VC13)

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*Sium latifolium*

## Greater Water-parsnip

**Flowering plant**

An aquatic perennial now generally found in ditches, growing amongst other emergent species, or in reedswamp. A declining species currently known from several sites in West Sussex but only two in East Sussex.

**Designations**

IUCN (2001) - Endangered; Natural Environment and Rural Communities Act 2006 - Species of Principal Importance in England (sec; Sussex Biodiversity Action Plan; Sussex Rare Species Inventory; UK Biodiversity Action Plan priority species

Grid Reference	Recorder	Date	Locality
TQ076178	Frances Abraham	17/05/2004	Nutbourne
TQ0818	Anon;Anon @ Sussex Bot. Rec. Soc.	1988	West Sussex (VC13)
TQ083182	Anon @ Monks Wood	1988	West Sussex (VC13)

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*Mitrula paludosa*

## Bog Beacon

**Fungus****Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ078167	Bruce Middleton	1999	HDC: Monkmead Woods

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*Hygrocybe insipida*

## Spangle Waxcap

**Fungus****Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ078167	Vivien Hodge	09/11/2013	HDC: Monkmead Woods

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*Radulomyces molaris***Fungus****Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ078167	Vivien Hodge	09/04/2010	HDC: Monkmead Woods

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*Schizophyllum commune*

## Common Porecrust

**Fungus****Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ078167	Vivien Hodge	09/11/2013	HDC: Monkmead Woods

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*Trametes hirsuta*

## Hairy Bracket

**Fungus****Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ078167	Vivien Hodge	10/10/2010	HDC: Monkmead Woods

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*Tremella foliacea*

## Leafy Brain

**Fungus****Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ078167	Vivien Hodge	09/11/2013	HDC: Monkmead Woods

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## *Ceriatrigon tenellum*

## Small Red Damselfly

### Insect - dragonfly (Odonata)

A damselfly confined heathland bogs and pools, usually those edged with Sphagnum moss. In Sussex its main stronghold is Ashdown Forest, but it has also been recorded from the Liphook, Pulborough, West Chiltington and Black Down areas in West Sussex and south east of Tunbridge Wells in East Sussex. Elsewhere very local in south-western and southern-central England and Wales.

### Designations

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ070171	D G Chelmick & A Winchester	30/07/1995	Hurston Warren
TQ073171	Phil Belden	10/08/1995	West Sussex (VC13)
TQ075168	Mike Edwards	13/06/2004	West Sussex (VC13)
TQ075169	Mike Edwards	10/06/2004	West Sussex (VC13)

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## *Sympetrum danae*

## Black Darter

### Insect - dragonfly (Odonata)

A largely northern dragonfly that breeds in well-vegetated, shallow, acidic pools. Rare in Sussex where it is found mainly in Ashdown Forest and greensand heaths around Midhurst. Widespread in north and west Britain and on southern heathlands.

### Designations

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ070171	D G Chelmick & A Winchester	30/07/1995	Hurston Warren
TQ074169	HNHS Horsham Natural Hist. Soc.	1981	Hurston Warren
TQ075168	Mike Edwards	07/09/2015	West Sussex (VC13)
TQ075169	David Chelmick; John Luck	13/09/2008	Hurston Warren

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## *Sympetrum fonscolombii*

## Red-veined Darter

### Insect - dragonfly (Odonata)

A migrant dragonfly that breeds in a wide range of fresh and brackish lakes and other water bodies. Recorded sporadically in south east England and has occasionally bred here. Most records in our area are from coastal sites in East Sussex.

### Designations

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ075168	David Chelmick	23/09/2006	Hurston Warren

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## *Omocestus rufipes*

## Woodland Grasshopper

### Insect - orthopteran

### Designations

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ0716	John Paul	06/10/2002	Hurston Warren

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*Conocephalus fuscus*

## Long-winged Cone-head

Insect - orthopteran

**Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ0716	John Paul	15/09/2001	Hurston Warren
TQ072168	Mike Edwards;Peter Hodge	11/06/2004 - 06/08/2004	Hurston Warren
TQ075168	Mike Edwards	06/08/2004	West Sussex (VC13)

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*Gryllus campestris*

## Field Cricket

Insect - orthopteran

The field-cricket is an extremely rare, declining and vulnerable insect which, in the UK, is restricted to one natural population, consisting of three sub-populations, within one square kilometre in West Sussex. Two reintroduced populations have been established, both of which are also in West Sussex.

**Designations**

Natural Environment and Rural Communities Act 2006 - Species of Principal Importance in England (sec; 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 (9.1 killing/injuring; 9.1 taking; 9.2; 9.4; subdivision a; 9.4b; 9.5a; 9.5b; Schedule 5)

Grid Reference	Recorder	Date	Locality
TQ06981712	Graeme Lyons;Mike Edwards	04/06/2015	West Sussex Golf Course
TQ07001703	Graeme Lyons;Mike Edwards	04/06/2015	West Sussex Golf Course
TQ07011703	Graeme Lyons;Mike Edwards	04/06/2015	West Sussex Golf Course
TQ07011711	Graeme Lyons;Mike Edwards	04/06/2015	West Sussex Golf Course

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*Metrioptera brachyptera*

## Bog Bush-cricket

Insect - orthopteran

**Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ075168	Mike Edwards;Peter Hodge	1990 - 1993	Hurston Warren
TQ075169	Mike Edwards	10/06/2004	West Sussex (VC13)

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*Forficula lesnei*

## Lesne's Earwig

Insect - earwig (Dermaptera)

**Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ0617	John Paul	01/05/2000 - 31/05/2000	Pulborough CP

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*Ectobius lapponicus*

## Dusky Cockroach

Insect - cockroach (Dictyoptera)

**Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ0716	John Paul	14/09/2005	Hurston Warren

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*Megalonotus praetextatus*

Insect - true bug (Hemiptera)

**Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ070167	Peter Hodge	1950 - 1996	Hurston Warren
TQ075168	Mike Edwards;Peter Hodge	1990 - 1993	West Sussex (VC13)

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*Rhyparochromus pini*

Insect - true bug (Hemiptera)

**Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ075168	Mike Edwards;Peter Hodge	1990 - 1993	Hurston Warren

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*Grypocoris (Lophyromiris) stysi*

Insect - true bug (Hemiptera)

**Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ072168	Mike Edwards;Peter Hodge	11/06/2004 - 06/08/2004	Hurston Warren

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*Bembidion (Trepanes) octomaculatum*

Insect - beetle (Coleoptera)

A ground beetle that lives on the margins of standing fresh water. Once thought extinct in Britain, it was rediscovered by the Powdermill reservoir in Sedlescombe, East Sussex in 1992 and has since also been found in several other southern English counties.

**Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ0716	John Paul	04/08/2004	Hurston Warren

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*Pterostichus (Pseudomaseus)*  
*rhaeticus*

**Insect - beetle (Coleoptera)**

**Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ0716	John Paul	24/03/2002	Hurston Warren
TQ074169	John Paul	24/03/2002	Hurston Warren

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*Agonum (Agonum) sexpunctatum*

**Insect - beetle (Coleoptera)**

**Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ0716	John Paul	23/05/2007	Hurston Warren

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*Glocianus punctiger*

**Insect - beetle (Coleoptera)**

**Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ070167	P J Hodge	13/06/2004	Hurston Warren nr Parham

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*Philopodon plagiatum*

**Marram Weevil**

**Insect - beetle (Coleoptera)**

**Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ070167	P J Hodge	13/06/2004	Hurston Warren nr Parham

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*Polydrusus (Eurodrusus) confluens*

**Insect - beetle (Coleoptera)**

**Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ0716	P J Hodge	11/06/2004	Hurston Warren
TQ072168	Mike Edwards; Peter Hodge	11/06/2004 - 06/08/2004	Hurston Warren



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## *Stenus (Hypostenus) kiesenwetteri*

**Insect - beetle (Coleoptera)**

### **Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ0716	John Paul	14/09/2005	Hurston Warren
TQ0717	John Paul	14/09/2005	Hurston Warren

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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 Environment and Rural Communities Act 2006 - Species of Principal Importance in England (sec; Sussex Biodiversity Action Plan; Sussex Rare Species Inventory; UK Biodiversity Action Plan priority species; Wildlife and Countryside Act 1981 Schedule 5 Sections (9.5a; 9.5b)

Grid Reference	Recorder	Date	Locality
TQ077174	Recorder @ WildCall	01/05/2011 - 30/06/2011	Sedlescombe CP

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## *Anomala dubia*

## Dune Chafer

**Insect - beetle (Coleoptera)**

### **Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ0716	P J Hodge	11/06/2004	Hurston Warren
TQ072168	Mike Edwards;Peter Hodge	11/06/2004 - 06/08/2004	Hurston Warren

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## *Dasytes plumbeus*

**Insect - beetle (Coleoptera)**

### **Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ072168	Mike Edwards;Peter Hodge	11/06/2004 - 06/08/2004	Hurston Warren

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*Hippodamia (Adonia) variegata*

## Adonis' Ladybird

Insect - beetle (Coleoptera)

**Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ072168	Mike Edwards;Peter Hodge	11/06/2004 - 06/08/2004	Hurston Warren
TQ076168	Peter Hodge	06/08/2004	West Sussex (VC13)

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*Notoxus monoceros*

## Monoceros Beetle

Insect - beetle (Coleoptera)

**Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ070167	P J Hodge	13/06/2004	Hurston Warren nr Parham

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*Prionus coriarius*

## Tanner Beetle

Insect - beetle (Coleoptera)

**Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ079174	Leslie Allen-Williams	30/07/2014	West Chiltington

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*Pseudovadonia livida*

Insect - beetle (Coleoptera)

**Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ070167	P J Hodge	13/06/2004	Hurston Warren nr Parham

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*Anthribus nebulosus*

Insect - beetle (Coleoptera)

**Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ0717	P J Hodge	13/06/2004	Hurston Warren

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*Korscheltellus fusconebulosa*

## Map-winged Swift

**Insect - moth**

This nationally local species occurs in rough grassland, heaths and moors over Britain except the south east. In Sussex it only now occurs in a few parts of West Sussex with Van Common near Fernhurst and Eartham Wood holding the only sizable colonies. Caterpillars feed on the roots of Bracken and other plants.

**Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ102200	Frank Dougharty	14/05/1998	Cattlestone Farm, West Chiltington

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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
TQ078167	Jacob Everitt	22/06/2012	HDC: Monkmead Woods

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*Plebejus argus*

## Silver-studded Blue

**Insect - butterfly**

A small blue butterfly now confined in Sussex to a few heathlands, particularly Ashdown Forest. In the past the form found in chalk and limestone habitats occurred on the South Downs. The silver-studded blue has undergone a severe decline in range this century, estimated at 80%. It has become extinct in Scotland and northern England, and throughout most of central, eastern and south-eastern England. This is mainly due to loss, fragmentation and inappropriate habitat management.

**Designations**

IUCN (2001) - Vulnerable; Natural Environment and Rural Communities Act 2006 - Species of Principal Importance in England (sec; Sussex Biodiversity Action Plan; Sussex Rare Species Inventory; UK Biodiversity Action Plan priority species; Wildlife and Countryside Act 1981 Schedule 5 Sections (9.5a; 9.5b)

Grid Reference	Recorder	Date	Locality
TQ0717	Ian Streeter	01/07/1999	Hurston Warren Golf Course

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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 Environment and Rural Communities Act 2006 - Species of Principal Importance in England (sec; Sussex Biodiversity Action Plan; Sussex Rare Species Inventory; UK Biodiversity Action Plan priority species; Wildlife and Countryside Act 1981 Schedule 5 Sections (9.5a; 9.5b)

Grid Reference	Recorder	Date	Locality
TQ0617	D. Dancy;M. Dancy	25/08/2006	Pulborough Brooks
TQ0820	David Cooling;Jean Cooling	2000	Woodhill Copse, Broadford Bridge
TQ091204	John Garrett	2000	Woodhill Copse, Gay Street
TQ0919	Richard Roebuck;Michael Blencowe	11/12/2010	West Sussex (VC13)
TQ0920	Richard Roebuck;Michael Blencowe	05/12/2010	West Sussex (VC13)
TQ09351625	M Kalaher	16/12/2010	West Sussex (VC13)
TQ096216	Peter Gay;Joyce Gay	09/11/2000	Broadford Bridge
TQ100246	Peter Gay;Joyce Gay	01/12/2000	Rosier Gate, Billingshurst
TQ1023	Richard Roebuck;Michael Blencowe	05/12/2010	West Sussex (VC13)
TQ1024	Richard Roebuck;Michael Blencowe	05/12/2010	West Sussex (VC13)
TQ103237	Peter Gay;Joyce Gay	09/11/2000	Coneyhurst
TQ104188	J.P. Gay	23/12/1996	Nr West Chiltington
TQ109248	Peter Gay;Joyce Gay	09/11/2000	Coneyhurst

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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; 9.5b)

Grid Reference	Recorder	Date	Locality
TQ02V	BBCS British Butterfly Con. Soc.	1996 - 2000	West Sussex (VC13)
TQ0617	Michael Blencowe	23/07/2013	A283, Pulborough
TQ0819	James Brooks-Fisher	04/08/2012	TQ0819 Nyetimber Farm (1km sq)
TQ0820	Jim Glover;Chris Skinner	19/07/2013	TQ0820 Gay Street, Woodhill Copse (1km sq)
TQ090204	John Garrett	2000	Woodhill Copse, Gay Street
TQ0916	Laurie Jackson;Michael Blencowe	16/07/2014	TQ0916 West Chiltington: Smock Alley (1km sq)

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*Eudonia pallida*

## Marsh Grey

**Insect - moth****Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ078167	Jacob Everitt	22/06/2012	HDC: Monkmead Woods

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## *Eumerus ornatus*

Insect - true fly (Diptera)

### Designations

Nationally Notable; Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ072168	Mike Edwards;Peter Hodge	11/06/2004 - 06/08/2004	Hurston Warren
TQ075168	Mike Edwards	11/06/2004	West Sussex (VC13)

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## *Xylota xanthocnema*

Insect - true fly (Diptera)

### Designations

Nationally Notable; Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ107201	Mike Edwards	07/08/2013	West Sussex (VC13)

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## *Myopa fasciata*

Insect - true fly (Diptera)

### Designations

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ070167	Mike Edwards	06/08/2004	West Sussex (VC13)
TQ072168	Mike Edwards;Peter Hodge	11/06/2004 - 06/08/2004	Hurston Warren

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## *Smicromyrme rufipes*

## Small Velvet Ant

Insect - hymenopteran

### Designations

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ0716	Recorder @ BWARS	31/07/1993	Hurston Warren NR
TQ075168	Mike Edwards;Peter Hodge	1990 - 1993	Hurston Warren

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## *Dolichovespula (Pseudovespula) saxonica*

Insect - hymenopteran

### Designations

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ101200	Mike Edwards	04/08/2014	West Sussex (VC13)

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## *Crabro scutellatus*

Insect - hymenopteran

### Designations

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ0716	Recorder @ BWARS	31/07/1993	Hurston Warren NR
TQ072168	Mike Edwards;Peter Hodge	11/06/2004 - 06/08/2004	Hurston Warren
TQ075168	Mike Edwards	06/08/2004	West Sussex (VC13)

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## *Oxybelus mandibularis*

## Pale Jawed Spiny Digger Wasp

Insect - hymenopteran

### Designations

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ0716	Recorder @ BWARS	31/07/1993	Hurston Warren NR
TQ074168	Recorder @ BWARS	31/07/1993	Hurston Warren g.c., Pulborough
TQ075168	Mike Edwards;Peter Hodge	1990 - 1993	Hurston Warren

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## *Mimesa bruxellensis*

Insect - hymenopteran

### Designations

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ0716	Recorder @ BWARS	31/07/1993	Hurston Warren NR
TQ075168	Mike Edwards;Peter Hodge	1990 - 1993	Hurston Warren

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## *Diodontus insidiosus*

Insect - hymenopteran

### Designations

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ0716	Recorder @ BWARS	31/07/1993	Hurston Warren NR
TQ072168	Mike Edwards;Peter Hodge	11/06/2004 - 06/08/2004	Hurston Warren
TQ075168	Mike Edwards	11/06/2004	West Sussex (VC13)

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*Nysson dimidiatus*

## Small Spurred Digger Wasp

Insect - hymenopteran

**Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ070167	Mike Edwards	06/08/2004	West Sussex (VC13)
TQ072168	Mike Edwards;Peter Hodge	11/06/2004 - 06/08/2004	Hurston Warren

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*Philanthus triangulum*

## Bee Wolf

Insect - hymenopteran

**Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ070167	Mike Edwards	06/08/2004	West Sussex (VC13)
TQ072168	Mike Edwards;Peter Hodge	11/06/2004 - 06/08/2004	Hurston Warren
TQ075168	Mike Edwards	06/08/2004	West Sussex (VC13)

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*Andrena (Poliandrena) florea*

Insect - hymenopteran

**Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ070167	Mike Edwards	13/06/2004	West Sussex (VC13)

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*Andrena (Notandrena) nitidiuscula*

Insect - hymenopteran

**Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ104240	Recorder @ BWARS	21/07/1975	Coneyhurst Common
TQ110233	Mike Edwards	1975 - 1985	A272, Shipley

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*Andrena (Poecilandrena) labiata*

## Girdled Mining Bee

Insect - hymenopteran

**Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ070167	Mike Edwards	13/06/2004	West Sussex (VC13)
TQ075168	Mike Edwards	13/06/2004	West Sussex (VC13)
TQ092184	Recorder @ BWARS	01/06/1990	Rye, Camber Castle

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## *Andrena (Micrandrena) minutuloides*

**Insect - hymenopteran**

### **Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ072168	Mike Edwards;Peter Hodge	11/06/2004 - 06/08/2004	Hurston Warren
TQ075168	Mike Edwards	06/08/2004	West Sussex (VC13)

---

## *Sphecodes reticulatus*

**Insect - hymenopteran**

### **Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ075168	Mike Edwards	12/06/2004	West Sussex (VC13)

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## *Dasypoda hirtipes*

## Hairy Legged Mining Bee

**Insect - hymenopteran**

### **Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ070167	Mike Edwards	06/08/2004	West Sussex (VC13)
TQ0716	Recorder @ BWARS	31/07/1993	Hurston Warren NR
TQ072168	Mike Edwards;Peter Hodge	11/06/2004 - 06/08/2004	Hurston Warren
TQ075168	Mike Edwards;Peter Hodge	1990 - 1993	West Sussex (VC13)

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## *Ceratina (Euceratina) cyanea*

## Blue Carpenter Bee

**Insect - hymenopteran**

### **Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ104240	Recorder @ BWARS	10/08/1979	Coneyhurst Common
TQ110233	Mike Edwards	1975 - 1985	A272, Shipley



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*Anisus (Disculifer) vorticulus*

## Little Whirlpool Ram's-horn Snail

**Mollusc**

A ramshorn snail of weedy ditches on grazing marshes. A declining species due to pollution levels and reprofiling of dykes and ditches. Recorded from several suitable places in both East and West Sussex. 1965-1997.

**Designations**

European Protected Species; Habitats Directive Annex 2 - non-priority species; Habitats Directive Annex 4; Natural Environment and Rural Communities Act 2006 - Species of Principal Importance in England (sec; Sussex Biodiversity Action Plan; Sussex Rare Species Inventory; UK Biodiversity Action Plan priority species

Grid Reference	Recorder	Date	Locality
TQ060177	Martin Willing	May 2006	Pulborough Brooks
TQ06041776	Martin Willing	2005	Pulborough Brooks

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*Pisidium pseudosphaerium***Mollusc****Designations**

Sussex Rare Species Inventory

Grid Reference	Recorder	Date	Locality
TQ060177	Martin Willing	May 2006	Pulborough Brooks
TQ06041776	Martin Willing	2005	Pulborough Brooks
TQ06091743	Martin Willing	2004	Pulborough Brooks

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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
TQ0649917885	Recorder @ Environment Agency	08/10/2010	River Stor, Winterfield Farm
TQ0717616138	Recorder @ Environment Agency	09/08/2013	River Stor, Hurston Place sq
TQ0719216122	Recorder @ Environment Agency	26/07/2005	River Stor, Hurston Place sq
TQ0762617062	Recorder @ Environment Agency	15/07/2005	River Chilt, Heath Mill
TQ0770716889	Recorder @ Environment Agency	03/05/2013	River Chilt, Heath Mill

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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 Environment and Rural Communities Act 2006 - Species of Principal Importance in England (sec; 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 (9.1 killing/injuring; 9.1 taking; 9.2; 9.4; subdivision a; 9.4b; 9.5a; 9.5b; Schedule 5)

Grid Reference	Recorder	Date	Locality
TQ060173	Frances Southgate	April 2004	Pulborough Brooks North
TQ0608017910	Rowenna Baker	2013	Pulborough Brooks
TQ0611417838	Kelly Fouchy	15/12/2012	Pulborough Brooks
TQ0818	Unknown	1965	West Sussex (VC13)
TQ090168	J Monahan	06/07/2004	West Chiltington CP
TQ0918	Unknown	1965	West Sussex (VC13)

# 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 West Chiltington Parish

20 June 2016

SxBRC/16/196

Search Area:

Sharon Davis (West Chiltington Neighbourhood Plan Steering Group)

### *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
TQ01Z	Frances Abraham	05/05/2008	Near West Chiltington, West Sussex (VC13)
TQ02V	Frances Abraham	29/09/2010	S of Broadford Bridge, West Sussex (VC13)
TQ081179	Tony Thomas	March 2012	Stream at Mill Road Recreation Ground, West Chiltington CP
TQ12A	Frances Abraham	22/08/2010	Broadford Bridge area
TQ12B	C. M. Holt; Sylvia Simkin	31/05/2008	Coolham, Gorringlea Farm, West Sussex (VC13)

### *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
TQ02V	Frances Abraham	29/09/2010	S of Broadford Bridge, West Sussex (VC13)
TQ0617	Frances Southgate	2012	River Stor, West Sussex (VC13)
TQ0716	Frances Southgate	2012	River Stor, West Sussex (VC13)
TQ077167	Recorder @ iRecord PlantTracker	20/06/2013	Unspecified location within the parish of Storrington, West Sussex (VC13)
TQ07761674	Michael Cuff	04/06/2015	Monkmead Wood
TQ0776816688	anon @ iRecord	20/06/2013	Unspecified Location Within Storrington CP
TQ078166	Amanda Apps	March 2012	Monkmead Wood, West Chiltington CP
TQ078167	Jacob Everitt	18/11/2014	Monkmead Woods, HDC: Monkmead Woods
TQ084194	Deborah Booty	05/08/2013	Nyetimber Vineyard West Chiltington
TQ12B	C. M. Holt; Sylvia Simkin	31/05/2008	Coolham, Gorringlea Farm, West Sussex (VC13)

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***Rhododendron luteum*****Yellow Azalea****Flowering plant**

A familiar garden plant that frequently escapes into the wild. Quite widely recorded across East and West Sussex. Listed on Schedule 9 of the Wildlife & Countryside Act 1981.

Grid Reference	Recorder	Date	Locality
TQ083163	Jack Kellett	12/05/2015	Cherry Tree Cottage, Sunset Lane, West Chiltington

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***Rhododendron ponticum*****Rhododendron****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
TQ072171	J Barton	23/02/1989	Hurston Warren, West Sussex (VC13)
TQ078167	Bruce Middleton	1999	Monkmead Woods, HDC: Monkmead Woods
TQ083163	Jack Kellett	12/05/2015	Cherry Tree Cottage, Sunset Lane, West Chiltington
TQ088163	Alison Hogg	15/07/2008	Roundabout Farm Wood
TQ090163	Alison Hogg	15/07/2008	Roundabout Farm Shaw
TQ090165	Alison Hogg	08/07/2008	The GroveSmock Alley
TQ092166	Alison Hogg	29/06/2008	Compartment 2, Highbar Grove
TQ093167	Alison Hogg	29/06/2008	Compartment 2, Highbar Wood
TQ093169	Alison Hogg	13/06/2008	Compartment 1, Highbar Copse

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***Gaultheria shallon*****Shallon****Flowering plant**

A thicket-forming shrub, native to western N. America from Alaska to California. It has been planted as game cover and has become naturalised in woods on acid soils where it can suppress native vegetation. Fairly widespread in suitable habitats in Sussex.

Grid Reference	Recorder	Date	Locality
TQ088163	Alison Hogg	15/07/2008	Roundabout Farm Wood
TQ090163	Alison Hogg	15/07/2008	Roundabout Farm Shaw

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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
TQ01Z	Nick Sturt;Elizabeth Sturt	15/01/2006	W Chiltington, West Sussex (VC13)
TQ02V	Frances Abraham	29/03/2009	N of West Chiltington
TQ02W	Frances Abraham	06/09/2010	Adversane/Billingshurst area, West Sussex (VC13)
TQ12C	M. Shaw	30/05/2011	N of Coneyhurst, 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
TQ01Z	Nick Sturt;Elizabeth Sturt	15/01/2006	W Chiltington, West Sussex (VC13)
TQ078167	Jacob Everitt	20/05/2011	Monkmead Woods, HDC: Monkmead Woods
TQ083163	Jack Kellett	12/05/2015	Cherry Tree Cottage, Sunset Lane, West Chiltington
TQ090163	Alison Hogg	15/07/2008	Roundabout Farm Shaw

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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
TQ089183	Frances Abraham	31/05/2011	West Chiltington, West Chiltington CP

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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
TQ11E	C. Holt;S. Simkin	03/07/2010	Goose Green

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***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
TQ074169	Tom Ottley;Bruce Middleton	30/10/2014	Hurston Warren, West Sussex (VC13)
TQ078167	Bruce Middleton	06/12/2009	Monkmead Woods, HDC: Monkmead Woods

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***Azolla filiculoides*****Water Fern****Fern**

An introduced floating fern of mainly standing waters first recorded in the UK in 1883. Described as posing a threat to native biodiversity in the Sussex Habitat Action Plan for standing fresh water.

Grid Reference	Recorder	Date	Locality
TQ0608117902	Sarah McIntyre	23/04/2015	Pulborough Brooks

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***Crocasmia pottsii x aurea = C. x crocosmiiflora***

**Montbretia**

**Flowering plant**

A well-known garden escape with orange flowers from South Africa. Widespread across Sussex. Listed on Schedule 9 of the Wildlife & Countryside Act 1981.

Grid Reference	Recorder	Date	Locality
TQ02W	Frances Abraham	06/09/2010	Adversane/Billingshurst area, West Sussex (VC13)
TQ078167	Bruce Middleton	1999	HDC: Monkmead Woods
TQ11E	Alan Knapp	30/08/2005	Goose Green, West Sussex (VC13)
TQ12B	Frances Abraham	23/08/2010	Coolham area

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***Hyacinthoides hispanica***

**Spanish Bluebell**

**Flowering plant**

A species from Spain and Portugal that has been recorded as a garden escape since 1909 and occasionally becomes naturalised. Often confused with its more invasive hybrid with our native bluebell *H. non-scripta*. Widespread in Sussex.

Grid Reference	Recorder	Date	Locality
TQ078167	Bruce Middleton	1999	HDC: Monkmead Woods

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***Hyacinthoides non-scripta x hispanica = H. x massartiana***

**Hybrid bluebell**

**Flowering plant**

A hybrid between our native bluebell, *H. non-scripta* and Spanish Bluebell, *H. hispanica*. Widespread in Sussex.

Grid Reference	Recorder	Date	Locality
TQ01Z	Frances Abraham	01/05/2008	West Chiltington, West Chiltington CP
TQ02V	Frances Abraham	30/04/2009	Broadford Bridge
TQ12C	C. M. Holt; Sylvia Simkin	08/05/2008	Billingshurst. Fewhurst Farm, West Sussex (VC13)

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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
TQ090173	Alan Knapp; K.A. Knapp	28/08/2006	Smock Alley, West Sussex (VC13)

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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
TQ02V	Frances Abraham	29/03/2009	N of West Chiltington
TQ02W	C. M. Holt; Sylvia Simkin	12/07/2008	Coneyhurst, Balls Green, West Sussex (VC13)
TQ12A	Sylvia Simkin	31/05/2008	Coolham, Sproutes Farm, West Sussex (VC13)
TQ12B	C. M. Holt; Sylvia Simkin	29/04/2006	Coneyhurst
TQ12C	Sylvia Simkin	09/02/2005	Coneyhurst

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***Centranthus ruber*****Red valerian****Flowering plant**

In small quantities this Mediterranean plant is of value to butterflies, moths, bees and other fauna, but it can become invasive and spread across areas like vegetated shingle. It is best, if possible, to remove dead flower heads to prevent seed from spreading. It was first recorded in the wild in Britain in 1763 and is common across Sussex.

Grid Reference	Recorder	Date	Locality
TQ01Z	Alan Knapp	10/05/2005	West Chiltington, West Chiltington CP

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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
TQ11E	Frances Abraham	14/07/2009	NE of Thakeham

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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
TQ078167	Kevin Lerwill	19/07/2011	Monkmead Woods, HDC: Monkmead Woods

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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
TQ10272249	Ben Rainbow	21/10/2010	West Chiltington CP, 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
TQ078167	Christine Burgess	18/03/2015	Monkmead woods, West Chiltington, West Sussex



## FULL SPECIES LIST (Excluding Birds)

### Land at West Chiltington Parish

20 June 2016 SxBRC/16/196 Search Area:

Sharon Davis (West Chiltington Neighbourhood Plan  
Steering Group)

Latin Name	Common Name	Taxon Group	First Date	Last Date	No. of Rec's
<i>Lycogala terrestre</i>		slime mould	20/06/2010	-	1
<i>Fuligo septica</i>		slime mould	20/06/2010	-	1
<i>Metatrichia floriformis</i>		slime mould	20/06/2010	-	1
<i>Ceratiomyxa fruticulosa</i>		slime mould	20/06/2010	-	1
<i>Ceratiomyxa porioidea</i>		slime mould	20/06/2010	-	1
<i>Hypholoma fasciculare</i>	Sulphur Tuft	fungus	18/10/2009	-	1
<i>Collybia butyracea</i> var. <i>butyracea</i>	Butter Cap	fungus	10/10/2010	-	1
<i>Collybia butyracea</i> var. <i>asema</i>		fungus	07/10/2010	-	1
<i>Collybia aquosa</i>		fungus	15/10/2009	-	1
<i>Clitocybe vibecina</i>	Mealy Funnel	fungus	07/10/2010	-	1
<i>Clitocybe odora</i>	Aniseed Funnel	fungus	07/10/2010	-	1
<i>Clitocybe nebularis</i>	Clouded Funnel	fungus	10/10/2010	09/11/2013	2
<i>Clitocybe fragrans</i>	Fragrant Funnel	fungus	10/10/2010	-	1
<i>Collybia dryophila</i>	Russet Toughshank	fungus	15/10/2009	09/11/2013	2
<i>Naucoria escharioides</i>	Ochre Aldercap	fungus	18/10/2009	09/11/2013	4
<i>Tricholoma fulvum</i>	Birch Knight	fungus	18/10/2009	10/10/2010	3
<i>Hebeloma sinapizans</i>	Bitter Poisonpie	fungus	15/10/2009	-	1
<i>Hebeloma leucosarx</i>		fungus	18/10/2009	07/10/2010	2
<i>Hebeloma helodes</i>		fungus	18/10/2009	-	1
<i>Pholiota aurivella</i>	Golden Scalycap	fungus	10/10/2010	-	1
<i>Exidia recisa</i>		fungus	09/11/2013	-	1
<i>Leccinum varicolor</i>	Mottled Bolete	fungus	15/10/2009	10/10/2010	3
<i>Leccinum scabrum</i>	Brown Birch Bolete	fungus	15/10/2009	09/11/2013	5
<i>Leccinum cyaneobasileucum</i>		fungus	15/10/2009	18/10/2009	2
<i>Boletus moravicus</i>	Tawny Bolete	fungus	15/10/2009	07/10/2010	2
<i>Boletus edulis</i>	Cep	fungus	18/10/2009	10/10/2010	3
<i>Collybia peronata</i>	Wood Woollyfoot	fungus	10/10/2010	-	1
<i>Boletus appendiculatus</i>	Oak Bolete	fungus	15/10/2009	-	1

Latin Name	Common Name	Taxon Group	First Date	Last Date	No. of Rec's
<i>Collybia fusipes</i>	Spindle Toughshank	fungus	15/10/2009	07/10/2010	2
<i>Auricularia auricula-judae</i>	Jelly Ear	fungus	13/03/2010	09/11/2013	2
<i>Tricholoma sulphureum</i> var. <i>sulphureum</i>	Sulphur Knight	fungus	09/11/2013	-	1
<i>Tricholoma lascivum</i>	Aromatic Knight	fungus	09/11/2013	-	1
<i>Galerina paludosa</i>	Bog Bell	fungus	31/12/1981	-	1
<i>Lepista flaccida</i>	Tawny Funnel	fungus	09/11/2013	-	1
<i>Hebeloma fragilipes</i>		fungus	07/10/2010	-	1
<i>Boletus badius</i>	Bay Bolete	fungus	07/10/2010	10/10/2010	2
<i>Pluteus cervinus</i>	Deer Shield	fungus	18/10/2009	20/06/2010	3
<i>Mycena epipterygia</i>	Yellowleg Bonnet	fungus	18/10/2009	09/11/2013	2
<i>Mycena galericulata</i>	Common Bonnet	fungus	18/10/2009	09/11/2013	3
<i>Mycena galopus</i>	Milking Bonnet	fungus	18/10/2009	-	1
<i>Mycena inclinata</i>	Clustered Bonnet	fungus	07/10/2010	-	1
<i>Mycena leptcephala</i>	Nitrous Bonnet	fungus	10/10/2010	-	1
<i>Mycena megaspora</i>		fungus	07/10/2010	-	1
<i>Mycena olivaceomarginata</i>	Browndge Bonnet	fungus	07/10/2010	10/10/2010	2
<i>Mycena pelianthina</i>	Blackedge Bonnet	fungus	10/10/2010	-	1
<i>Mycena polygramma</i>	Grooved Bonnet	fungus	10/10/2010	-	1
<i>Mycena pura</i>	Lilac Bonnet	fungus	07/10/2010	09/11/2013	2
<i>Mycena rosea</i>	Rosy Bonnet	fungus	07/10/2010	-	1
<i>Mycena sanguinolenta</i>	Bleeding Bonnet	fungus	18/10/2009	07/10/2010	2
<i>Mycena vitilis</i>	Snapping Bonnet	fungus	18/10/2009	10/10/2010	2
<i>Hebeloma birrus</i>		fungus	07/10/2010	-	1
<i>Psathyrella friesii</i>		fungus	10/10/2010	-	1
<i>Pseudoboletus parasiticus</i>	Parasitic Bolete	fungus	18/10/2009	-	1
<i>Galerina vittiformis</i>	Hairy Leg Bell	fungus	18/10/2009	-	1
<i>Suillus bovinus</i>	Bovine Bolete	fungus	18/10/2009	10/10/2010	2
<i>Galerina clavata</i>		fungus	09/11/2013	-	1
<i>Agrocybe pediades</i>	Common Fieldcap	fungus	20/06/2010	-	2
<i>Armillaria mellea</i>	Honey Fungus	fungus	15/10/2009	07/10/2010	2
<i>Radulomyces molaris</i>		fungus	09/04/2010	-	1
<i>Cylindrobasidium laeve</i>		fungus	13/03/2010	-	1
<i>Psathyrella corrugis</i>	Red Edge Brittlestem	fungus	18/10/2009	-	1
<i>Psathyrella candolleana</i>	Pale Brittlestem	fungus	20/06/2010	-	2
<i>Coprinellus micaceus</i>	Glistening Inkcap	fungus	15/10/2009	10/10/2010	2
<i>Pluteus salicinus</i>	Willow Shield	fungus	18/10/2009	-	1
<i>Pluteus pouzarianus</i>		fungus	10/10/2010	-	1
<i>Hebeloma crustuliniforme</i>	Poisonpie	fungus	09/11/2013	-	1
<i>Schizophyllum commune</i>	Common Porecrust	fungus	09/11/2013	-	1
<i>Russula fragilis</i>	Fragile Russula	fungus	15/10/2009	-	1
<i>Auriscalpium vulgare</i>	Earpick Fungus	fungus	07/10/2010	-	1
<i>Peniophora limitata</i>		fungus	13/03/2010	-	1
<i>Peniophora quercina</i>		fungus	13/03/2010	24/03/2011	4
<i>Lactarius deliciosus</i>	Saffron Milkcap	fungus	18/10/2009	09/11/2013	4

Latin Name	Common Name	Taxon Group	First Date	Last Date	No. of Rec's
<i>Lactarius glyciosmus</i>	Coconut Milkcap	fungus	07/10/2010	09/11/2013	2
<i>Lactarius hepaticus</i>	Liver Milkcap	fungus	18/10/2009	10/10/2010	3
<i>Lactarius quietus</i>	Oakbug Milkcap	fungus	18/10/2009	10/10/2010	2
<i>Lactarius tabidus</i>	Birch Milkcap	fungus	18/10/2009	10/10/2010	3
<i>Lactarius torminosus</i>	Woolly Milkcap	fungus	10/10/2010	-	1
<i>Lactarius turpis</i>	Ugly Milkcap	fungus	18/10/2009	10/10/2010	3
<i>Russula aeruginea</i>	Green Brittlegill	fungus	10/10/2010	-	1
<i>Russula atropurpurea</i>	Purple Brittlegill	fungus	18/10/2009	09/11/2013	3
<i>Russula betularum</i>	Birch Brittlegill	fungus	15/10/2009	07/10/2010	3
<i>Scleroderma areolatum</i>	Leopard Earthball	fungus	07/10/2010	-	1
<i>Russula velenovskyi</i>	Coral Brittlegill	fungus	10/10/2010	-	1
<i>Dacrymyces stillatus</i>	Common Jellyspot	fungus	13/03/2010	09/11/2013	2
<i>Phleogenia faginea</i>		fungus	07/10/2010	09/11/2013	2
<i>Rickenella swartzii</i>	Collared Mossicap	fungus	09/11/2013	-	1
<i>Rickenella fibula</i>	Orange Mossicap	fungus	20/06/2010	09/11/2013	3
<i>Stereum subtomentosum</i>	Yellowing Curtain Crust	fungus	15/10/2009	13/03/2010	3
<i>Russula claroflava</i>	Yellow Swamp Brittlegill	fungus	15/10/2009	09/11/2013	7
<i>Russula vesca</i>	The Flirt	fungus	18/10/2009	09/11/2013	3
<i>Russula exalbicans</i>	Bleached Brittlegill	fungus	09/11/2013	-	1
<i>Russula sardonia</i>	Primrose Brittlegill	fungus	15/10/2009	09/11/2013	3
<i>Russula sanguinaria</i>	Bloody Brittlegill	fungus	07/10/2010	10/10/2010	2
<i>Russula parazurea</i>	Powdery Brittlegill	fungus	15/10/2009	-	1
<i>Russula ochroleuca</i>	Ochre Brittlegill	fungus	15/10/2009	10/10/2010	3
<i>Russula ionochlora</i>	Oilslick Brittlegill	fungus	10/10/2010	-	1
<i>Trametes versicolor</i>	Turkeytail	fungus	15/10/2009	09/11/2013	4
<i>Stereum hirsutum</i>	Hairy Curtain Crust	fungus	15/10/2009	09/11/2013	7
<i>Gaeastrum triplex</i>	Collared Earthstar	fungus	10/10/2010	-	1
<i>Sparassis crispa</i>	Wood Cauliflower	fungus	07/10/2010	-	1
<i>Laetiporus sulphureus</i>	Chicken of the Woods	fungus	20/06/2010	-	2
<i>Athelia bombacina</i>		fungus	13/03/2010	-	1
<i>Schizopora paradoxa</i>	Split Porecrust	fungus	18/10/2009	24/03/2011	5
<i>Hyphodontia sambuci</i>	Elder Whitewash	fungus	13/03/2010	-	1
<i>Piptoporus betulinus</i>	Birch Polypore	fungus	15/10/2009	09/11/2013	6
<i>Hymenochaete rubiginosa</i>	Oak Curtain Crust	fungus	15/10/2009	07/10/2010	5
<i>Postia caesia</i>	Conifer Blueing Bracket	fungus	18/10/2009	-	1
<i>Clavulina rugosa</i>	Wrinkled Club	fungus	09/11/2013	-	1
<i>Tapinella atrotomentosa</i>	Velvet Rollrim	fungus	07/10/2010	10/10/2010	2
<i>Suillus luteus</i>	Slippery Jack	fungus	07/10/2010	09/11/2013	3
<i>Marasmius androsaceus</i>	Horsehair Parachute	fungus	18/10/2009	-	1
<i>Scleroderma citrinum</i>	Common Earthball	fungus	18/10/2009	10/10/2010	3
<i>Mycena corynephora</i>		fungus	15/10/2009	-	1
<i>Phellinus igniarius</i>	Willow Bracket	fungus	18/10/2009	24/03/2011	6
<i>Daedaleopsis confragosa</i>	Blushing Bracket	fungus	18/10/2009	09/11/2013	2
<i>Paxillus involutus</i>	Brown Rollrim	fungus	18/10/2009	09/11/2013	4

Latin Name	Common Name	Taxon Group	First Date	Last Date	No. of Rec's
<i>Trametes hirsuta</i>	Hairy Bracket	fungus	10/10/2010	-	1
<i>Trametes gibbosa</i>	Lumpy Bracket	fungus	20/06/2010	-	2
<i>Skeletocutis vulgaris</i>		fungus	20/06/2010	-	2
<i>Polyporus leptcephalus</i>	Blackfoot Polypore	fungus	20/06/2010	-	2
<i>Phaeolus schweinitzii</i>	Dyer's Mazegill	fungus	13/03/2010	10/10/2010	3
<i>Hapalopilus nidulans</i>	Cinnamon Bracket	fungus	15/10/2009	-	1
<i>Trichaptum abietinum</i>	Purplepore Bracket	fungus	13/03/2010	24/03/2011	2
<i>Scopuloides hydroides</i>		fungus	20/06/2010	-	2
<i>Phlebia tremellosa</i>	Jelly Rot	fungus	18/10/2009	10/10/2010	2
<i>Hyphoderma praetermissum</i>		fungus	13/03/2010	-	1
<i>Bjerkandera adusta</i>	Smoky Bracket	fungus	20/06/2010	09/11/2013	3
<i>Grifola frondosa</i>	Hen of the Woods	fungus	15/10/2009	-	1
<i>Ganoderma australe</i>	Southern Bracket	fungus	15/10/2009	09/11/2013	6
<i>Polyporus brumalis</i>	Winter Polypore	fungus	09/04/2010	-	1
<i>Chlorophyllum rhacodes</i>	Shaggy Parasol	fungus	09/11/2013	-	1
<i>Diatrype bullata</i>	Willow Barkspot	fungus	13/03/2010	20/06/2010	3
<i>Diatrypella quercina</i>		fungus	13/03/2010	20/06/2010	3
<i>Annulohypoxyylon minutellum</i>		fungus	13/03/2010	-	1
<i>Annulohypoxyylon multiforme</i>		fungus	24/03/2011	-	1
<i>Hypoxyylon fuscum</i>	Hazel Woodwart	fungus	09/04/2010	24/03/2011	2
<i>Hypoxyylon multiforme</i>	Birch Woodwart	fungus	20/06/2010	-	2
<i>Xylaria hypoxyylon</i>	Candlesnuff Fungus	fungus	13/03/2010	09/11/2013	3
<i>Amanita muscaria var. muscaria</i>	Fly Agaric	fungus	07/10/2010	10/10/2010	2
<i>Mollisia cinerea</i>	Common Grey Disco	fungus	20/06/2010	-	2
<i>Hypomyces chrysospermus</i>	Bolete Mould	fungus	07/10/2010	10/10/2010	2
<i>Lepiota cristata</i>	Stinking Dapperling	fungus	10/10/2010	-	1
<i>Lycoperdon nigrescens</i>	Dusky Puffball	fungus	10/10/2010	-	1
<i>Macrolepiota procera var. procera</i>	Parasol	fungus	09/11/2013	-	1
<i>Amanita citrina var. alba</i>	False Deathcap	fungus	15/10/2009	-	1
<i>Amanita citrina var. citrina</i>	False Deathcap	fungus	10/10/2010	-	1
<i>Amanita fulva</i>	Tawny Grisette	fungus	07/10/2010	09/11/2013	3
<i>Amanita muscaria</i>	Fly Agaric	fungus	18/10/2009	-	1
<i>Xylaria longipes</i>	Dead Moll's Fingers	fungus	20/06/2010	-	2
<i>Rhytisma acerinum</i>	Sycamore Tarspot	fungus	13/03/2010	-	1
<i>Periconia byssoides</i>		fungus	24/03/2011	-	1
<i>Rhopoglyphus filicinus</i>	Bracken Map	fungus	13/03/2010	20/06/2010	3
<i>Erysiphe alphitoides</i>	Oak Mildew	fungus	20/06/2010	-	2
<i>Cudoniella acicularis</i>	Oak Pin	fungus	07/10/2010	-	1
<i>Ascocoryne sarcoides</i>	Purple Jellydisc	fungus	10/10/2010	-	1
<i>Chlorociboria aeruginascens</i>	Green Elfcup	fungus	15/10/2009	09/11/2013	6
<i>Mitula paludosa</i>	Bog Beacon	fungus	31/12/1999	-	1
<i>Lasiosphaeria ovina</i>		fungus	24/03/2011	-	1
<i>Leotia lubrica</i>	Jellybaby	fungus	15/10/2009	10/10/2010	2
<i>Nectria cinnabarina</i>	Coral Spot	fungus	13/03/2010	-	1

Latin Name	Common Name	Taxon Group	First Date	Last Date	No. of Rec's
<i>Chaetomella acutisetata</i>		fungus	13/03/2010	-	1
<i>Orbilia delicatula</i>		fungus	20/06/2010	-	2
<i>Rhodocollybia maculata</i> var. <i>maculata</i>	Spotted Toughshank	fungus	07/10/2010	-	1
<i>Scutellinia umbrorum</i>		fungus	04/06/2009	-	1
<i>Mycena adonis</i> var. <i>coccinea</i>		fungus	15/10/2009	10/10/2010	3
<i>Chaetosphaerella phaeostroma</i>		fungus	20/06/2010	-	2
<i>Hypocrea pulvinata</i>	Ochre Cushion	fungus	18/10/2009	20/06/2010	3
<i>Sarcoscypha austriaca</i>	Scarlet Elfcup	fungus	09/04/2010	24/03/2011	2
<i>Bulgaria inquinans</i>	Black Bulgar	fungus	09/11/2013	-	1
<i>Inocybe posterula</i>		fungus	07/10/2010	10/10/2010	2
<i>Laccaria proxima</i>	Scurfy Deceiver	fungus	18/10/2009	-	1
<i>Laccaria purpureobadia</i>		fungus	20/06/2010	-	1
<i>Hygrocybe ceracea</i>	Butter Waxcap	fungus	09/11/2013	-	1
<i>Hygrocybe conica</i>	Blackening Waxcap	fungus	07/10/2010	10/10/2010	2
<i>Hygrocybe insipida</i>	Spangle Waxcap	fungus	09/11/2013	-	1
<i>Hygrocybe reidii</i>	Honey Waxcap	fungus	09/11/2013	-	1
<i>Crepidotus cesatii</i>		fungus	09/11/2013	-	1
<i>Laccaria laccata</i>	Deceiver	fungus	15/10/2009	10/10/2010	4
<i>Inocybe geophylla</i> var. <i>geophylla</i>	White Fibrecap	fungus	07/10/2010	-	1
<i>Inocybe lanuginosa</i> var. <i>lanuginosa</i>	Woolly Fibrecap	fungus	10/10/2010	-	1
<i>Inocybe sindonia</i>		fungus	07/10/2010	-	1
<i>Tubaria furfuracea</i> var. <i>furfuracea</i>	Scurfy Twiglet	fungus	07/10/2010	-	1
<i>Calocybe carnea</i>	Pink Domecap	fungus	07/10/2010	-	1
<i>Tremella foliacea</i>	Leafy Brain	fungus	10/10/2010	09/11/2013	2
<i>Marasmius wynneae</i>	Pearly Parachute	fungus	07/10/2010	-	1
<i>Amanita rubescens</i>	Blusher	fungus	18/10/2009	-	1
<i>Scutellinia scutellata</i>	Common Eyelash	fungus	20/06/2010	-	2
<i>Inocybe fuscidula</i> var. <i>fuscidula</i>		fungus	07/10/2010	-	1
<i>Cortinarius decipiens</i>	Sepia Webcap	fungus	15/10/2009	-	1
<i>Amanita rubescens</i> var. <i>rubescens</i>	Blusher	fungus	07/10/2010	09/11/2013	3
<i>Amanita virosa</i>	Destroying Angel	fungus	18/10/2009	-	1
<i>Inocybe praetervisa</i>		fungus	07/10/2010	10/10/2010	2
<i>Laccaria amethystina</i>	Amethyst Deceiver	fungus	15/10/2009	10/10/2010	3
<i>Cortinarius anomalus</i>	Variable Webcap	fungus	10/10/2010	-	1
<i>Cortinarius brunneus</i> var. <i>glandicolor</i>		fungus	10/10/2010	-	1
<i>Cortinarius flexipes</i>		fungus	18/10/2009	-	1
<i>Cortinarius flexipes</i> var. <i>flabellus</i>		fungus	07/10/2010	-	1
<i>Entoloma politum</i>		fungus	09/11/2013	-	1
<i>Cortinarius semisanguineus</i>	Surprise Webcap	fungus	07/10/2010	-	1
<i>Chondrostereum purpureum</i>	Silverleaf Fungus	fungus	09/11/2013	-	1
<i>Entoloma cetratum</i>	Honey Pinkgill	fungus	07/10/2010	-	1
<i>Laccaria</i>		fungus	20/06/2010	-	1
<i>Entoloma chalybeum</i> var. <i>chalybeum</i>	Indigo Pinkgill	fungus	10/10/2010	-	1
<i>Cortinarius flexipes</i> var. <i>flexipes</i>		fungus	10/10/2010	-	1

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<i>Cortinarius bolaris</i>	Dappled Webcap	fungus	10/10/2010	-	1
<i>Entoloma serrulatum</i>	Blue Edge Pinkgill	fungus	10/10/2010	-	1
<i>Entoloma rhodopolium</i>	Wood Pinkgill	fungus	07/10/2010	-	1
<i>Cladonia chlorophaea</i>		lichen	31/12/1988	-	1
<i>Cladonia ciliata</i> var. <i>tenuis</i>		lichen	01/09/1989	17/08/1993	2
<i>Cladonia coccifera</i>	Scarlet-cup Lichen	lichen	31/12/1988	17/08/1993	3
<i>Cladonia coniocraea</i>		lichen	31/12/1988	-	1
<i>Cladonia fimbriata</i>		lichen	31/12/1981	-	1
<i>Cladonia furcata</i>		lichen	17/08/1993	-	1
<i>Xanthoparmelia mougeotii</i>		lichen	25/03/1991	-	1
<i>Verrucaria nigrescens</i>		lichen	25/03/1991	-	1
<i>Cladonia gracilis</i>		lichen	01/09/1989	-	1
<i>Cladonia macilenta</i>		lichen	01/09/1989	17/08/1993	2
<i>Cladonia floerkeana</i>		lichen	31/12/1988	01/09/1989	2
<i>Parmelia sulcata</i>	Netted Shield Lichen	lichen	25/03/1991	-	1
<i>Melanelixia fuliginosa</i>		lichen	25/03/1991	-	1
<i>Hypogymnia physodes</i>	Dark Crottle	lichen	31/12/1988	01/09/1989	2
<i>Flavoparmelia soredians</i>		lichen	25/03/1991	-	1
<i>Flavoparmelia caperata</i>		lichen	05/06/1968	-	1
<i>Evernia prunastri</i>	Oak Moss	lichen	05/06/1968	-	1
<i>Diploicia canescens</i>		lichen	25/03/1991	-	1
<i>Verrucaria macrostoma</i> f. <i>furfuracea</i>		lichen	25/03/1991	-	1
<i>Verrucaria hochstetteri</i>		lichen	25/03/1991	-	1
<i>Cladonia portentosa</i>	Reindeer Moss	lichen	31/12/1988	17/08/1993	3
<i>Porpidia tuberculosa</i>		lichen	25/03/1991	-	1
<i>Placynthiella uliginosa</i>		lichen	01/09/1989	-	1
<i>Caloplaca citrina</i>		lichen	25/03/1991	-	1
<i>Lecidella scabra</i>		lichen	25/03/1991	-	1
<i>Candelariella vitellina</i>		lichen	25/03/1991	-	1
<i>Candelariella medians</i>		lichen	25/03/1991	-	1
<i>Sarcogyne regularis</i>		lichen	25/03/1991	-	1
<i>Acarospora fuscata</i>		lichen	25/03/1991	-	1
<i>Ochrolechia parella</i>	Parelle	lichen	25/03/1991	-	1
<i>Aspicilia calcarea</i>		lichen	25/03/1991	-	1
<i>Psilolechia lucida</i>		lichen	25/03/1991	-	1
<i>Xanthoria parietina</i>	Common Orange Lichen	lichen	25/03/1991	-	1
<i>Xanthoria calcicola</i>		lichen	25/03/1991	-	1
<i>Tephromela atra</i>	Black Shields	lichen	25/03/1991	-	1
<i>Caloplaca flavescens</i>		lichen	25/03/1991	-	1
<i>Cladonia uncialis</i> subsp. <i>biuncialis</i>		lichen	01/09/1989	-	1
<i>Caloplaca chlorina</i>		lichen	25/03/1991	-	1
<i>Rinodina oleae</i>		lichen	25/03/1991	-	1
<i>Physcia caesia</i>		lichen	25/03/1991	-	1
<i>Physcia adscendens</i>		lichen	25/03/1991	-	1

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<i>Lecanora sulphurea</i>		lichen	25/03/1991	-	1
<i>Lecanora dispersa</i>		lichen	25/03/1991	-	1
<i>Lecanora conizaeoides</i>		lichen	31/12/1988	-	1
<i>Lecanora campestris</i>		lichen	25/03/1991	-	1
<i>Lecanora albescens</i>		lichen	25/03/1991	-	1
<i>Haematomma ochroleucum</i> var. <i>porphyrium</i>		lichen	25/03/1991	-	1
<i>Haematomma ochroleucum</i> var. <i>ochroleucum</i>		lichen	25/03/1991	-	1
<i>Caloplaca teicholyta</i>		lichen	25/03/1991	-	1
<i>Lecanora polytropa</i>		lichen	25/03/1991	-	1
<i>Lophozia bicrenata</i>	Lesser Notchwort	liverwort	31/12/1951	-	1
<i>Cephalozia connivens</i>	Forcipated Pincerwort	liverwort	06/11/2014	-	1
<i>Cephalozia lunulifolia</i>	Moon-leaved Pincerwort	liverwort	31/12/1951	30/10/2014	2
<i>Cephalozia macrostachya</i>	Bog Pincerwort	liverwort	30/04/1911	19/04/1985	4
<i>Cephalozia macrostachya</i> var. <i>macrostachya</i>		liverwort	31/12/1911	30/10/2014	3
<i>Cladopodiella fluitans</i>	Bog Notchwort	liverwort	19/04/1985	30/10/2014	2
<i>Odontoschisma denudatum</i>	Matchstick Flapwort	liverwort	31/12/1951	-	1
<i>Odontoschisma sphagni</i>	Bog-moss Flapwort	liverwort	31/12/1951	30/10/2014	3
<i>Cephalozia bicuspidata</i>	Two-horned Pincerwort	liverwort	31/12/1951	30/10/2014	2
<i>Gymnocolea inflata</i>	Inflated Notchwort	liverwort	31/12/1951	-	1
<i>Calypogeia neesiana</i>		liverwort	06/12/2009	-	1
<i>Lophozia ventricosa</i>	Tumid Notchwort	liverwort	19/04/1985	30/10/2014	2
<i>Mylia anomala</i>	Anomalous Flapwort	liverwort	31/12/1951	30/10/2014	2
<i>Calypogeia arguta</i>	Notched Pouchwort	liverwort	18/11/1978	30/10/2014	2
<i>Calypogeia muelleriana</i>	Mueller's Pouchwort	liverwort	31/12/1951	30/10/2014	2
<i>Calypogeia neesiana</i>	Nees' Pouchwort	liverwort	06/12/2009	-	1
<i>Calypogeia sphagnicola</i>	Bog Pouchwort	liverwort	19/04/1985	30/10/2014	3
<i>Lunularia cruciata</i>	Crescent-cup Liverwort	liverwort	18/11/1978	-	1
<i>Cephalozia hampeana</i>	Hampe's Threadwort	liverwort	19/04/1985	06/11/2014	4
<i>Metzgeria consanguinea</i>	Whiskered Veilwort	liverwort	06/11/2014	-	1
<i>Calypogeia fissa</i>	Common Pouchwort	liverwort	31/12/1951	30/10/2014	3
<i>Plagiochila asplenioides</i>	Greater Featherwort	liverwort	31/12/1951	-	1
<i>Conocephalum conicum</i>	Great Scented Liverwort	liverwort	18/11/1978	-	1
<i>Reboulia hemisphaerica</i>	Hemisphaeric Liverwort	liverwort	31/12/2010	-	1
<i>Pellia epiphylla</i>	Overleaf Pellia	liverwort	31/12/1951	06/12/2009	2
<i>Fossombronia foveolata</i>	Pitted Frillwort	liverwort	06/11/2014	-	1
<i>Metzgeria furcata</i>	Forked Veilwort	liverwort	31/12/1951	30/10/2014	3
<i>Metzgeria violacea</i>	Blueish Veilwort	liverwort	06/12/2009	30/10/2014	3
<i>Aneura pinguis</i>	Greasewort	liverwort	31/12/1951	-	1
<i>Ptilidium pulcherrimum</i>	Tree Fringewort	liverwort	31/12/1951	-	1
<i>Lophocolea heterophylla</i>	Variable-leaved Crestwort	liverwort	18/11/1978	06/12/2009	3
<i>Riccardia latifrons</i>	Bog Germanderwort	liverwort	31/12/1951	19/04/1985	2
<i>Chiloscyphus polyanthos</i>	St Winifrid's Moss	liverwort	31/12/1951	-	1
<i>Kurzia pauciflora</i>	Bristly Fingerwort	liverwort	31/12/1951	30/10/2014	3
<i>Lophocolea bidentata</i>	Bifid Crestwort	liverwort	18/11/1978	-	1

Latin Name	Common Name	Taxon Group	First Date	Last Date	No. of Rec's
<i>Microlejeunea ulicina</i>	Fairy Beads	liverwort	31/12/1951	30/10/2014	3
<i>Cololejeunea minutissima</i>	Minute Pouncewort	liverwort	06/12/2009	30/10/2014	2
<i>Frullania dilatata</i>	Dilated Scalewort	liverwort	31/12/1951	30/10/2014	4
<i>Radula complanata</i>	Even Scalewort	liverwort	31/12/1951	06/11/2014	2
<i>Campylium stellatum</i>	Yellow Starry Feather-moss	moss	31/12/1951	-	1
<i>Cratoneuron filicinum</i>	Fern-leaved Hook-moss	moss	06/11/2014	-	1
<i>Amblystegium serpens</i> var. <i>serpens</i>		moss	30/10/2014	-	1
<i>Leptodictyum riparium</i>	Kneiff's Feather-moss	moss	31/12/1951	-	1
<i>Warnstorfia fluitans</i>	Floating Hook-moss	moss	31/12/1951	31/12/1985	4
<i>Amblystegium serpens</i>	Creeping Feather-moss	moss	31/12/1951	31/12/1982	3
<i>Straminergon stramineum</i>	Straw Spear-moss	moss	31/12/1951	31/12/1999	2
<i>Eurhynchium praelongum</i>	Common Feather-moss	moss	31/12/1951	06/11/2014	7
<i>Thuidium tamariscinum</i>	Common Tamarisk-moss	moss	18/11/1978	06/12/2009	4
<i>Fontinalis antipyretica</i> var. <i>antipyretica</i>	Greater Water-moss	moss	31/12/1951	-	1
<i>Bryum bicolor</i>	Bicoloured Bryum	moss	31/12/1999	-	2
<i>Eurhynchium schleicheri</i>	Twist-tip Feather-moss	moss	31/12/2010	-	1
<i>Calliergon cordifolium</i>	Heart-leaved Spear-moss	moss	31/12/1951	-	1
<i>Orthodontium lineare</i>	Cape Thread-moss	moss	19/04/1985	30/10/2014	2
<i>Aulacomnium palustre</i>	Bog Groove-moss	moss	31/12/1951	30/10/2014	5
<i>Aulacomnium androgynum</i>	Bud-headed Groove-moss	moss	19/04/1985	30/10/2014	2
<i>Plagiomnium affine</i>	Many-fruited Thyme-moss	moss	31/12/1999	-	3
<i>Mnium hornum</i>	Swan's-neck Thyme-moss	moss	31/12/1951	06/12/2009	6
<i>Epipterygium tozeri</i>	Tozer's Thread-moss	moss	31/12/2010	-	1
<i>Pohlia nutans</i>	Nodding Thread-moss	moss	31/12/1951	06/11/2014	5
<i>Pohlia melanodon</i>	Pink-fruited Thread-moss	moss	31/12/1982	-	1
<i>Bryum capillare</i>	Capillary Thread-moss	moss	18/11/1978	06/12/2009	2
<i>Bryum argenteum</i>	Silver-moss	moss	06/11/2014	-	1
<i>Ulota crispa</i>	Crisped Pincushion	moss	31/12/1951	30/10/2014	2
<i>Ulota bruchii</i>	Bruch's Pincushion	moss	06/12/2009	-	2
<i>Eurhynchium striatum</i>	Common Striated Feather-moss	moss	31/12/1982	-	1
<i>Plagiothecium denticulatum</i> var. <i>denticulatum</i>		moss	18/03/1950	-	1
<i>Bryum dichotomum</i>		moss	06/12/2009	06/11/2014	2
<i>Hypnum lacunosum</i> var. <i>lacunosum</i>	Great Plait-moss	moss	06/11/2014	-	1
<i>Grimmia pulvinata</i>	Grey-cushioned Grimmia	moss	06/12/2009	-	1
<i>Isothecium alopecuroides</i>	Larger Mouse-tail Moss	moss	18/11/1978	31/12/1999	4
<i>Leptodon smithii</i>	Prince-of-Wales Feather-moss	moss	31/12/2010	-	1
<i>Cryphaea heteromalla</i>	Lateral Cryphaea	moss	31/12/1951	30/10/2014	2
<i>Pseudotaxiphyllum elegans</i>	Elegant Silk-moss	moss	31/12/1982	-	1
<i>Plagiothecium succulentum</i>	Juicy Silk-moss	moss	18/11/1978	06/11/2014	4
<i>Plagiothecium nemorale</i>	Woodsy Silk-moss	moss	31/12/1982	-	1
<i>Plagiothecium latebricola</i>	Alder Silk-moss	moss	31/12/1982	31/12/2010	2
<i>Rhizomnium punctatum</i>	Dotted Thyme-moss	moss	31/12/1951	06/12/2009	2
<i>Plagiothecium denticulatum</i>	Dented Silk-moss	moss	06/12/2009	-	1
<i>Orthotrichum lyellii</i>	Lyell's Bristle-moss	moss	31/12/1951	31/12/1999	4



Latin Name	Common Name	Taxon Group	First Date	Last Date	No. of Rec's
<i>Hylocomium splendens</i>	Glittering Wood-moss	moss	31/12/1951	-	1
<i>Plagiothecium curvifolium</i>	Curved Silk-moss	moss	31/12/1982	31/12/1999	4
<i>Pleurozium schreberi</i>	Red-stemmed Feather-moss	moss	31/12/1951	06/11/2014	8
<i>Rhynchostegium confertum</i>	Clustered Feather-moss	moss	18/11/1978	06/11/2014	2
<i>Hypnum jutlandicum</i>	Heath Plait-moss	moss	31/12/1951	30/10/2014	7
<i>Hypnum imponens</i>	Pellucid Plait-moss	moss	31/12/1951	-	1
<i>Hypnum cupressiforme</i> var. <i>resupinatum</i>	Supine Plait-moss	moss	30/10/2014	-	1
<i>Hypnum cupressiforme</i> var. <i>cupressiforme</i>		moss	31/12/1951	30/10/2014	3
<i>Hypnum cupressiforme</i>	Cypress-leaved Plait-moss	moss	06/12/2009	-	1
<i>Hypnum andoi</i>	Mamillate Plait-moss	moss	30/10/2014	-	1
<i>Calliergonella cuspidata</i>	Pointed Spear-moss	moss	31/12/1951	06/11/2014	6
<i>Homalothecium sericeum</i>	Silky Wall Feather-moss	moss	06/11/2014	-	1
<i>Scleropodium purum</i>	Neat Feather-moss	moss	31/12/1951	06/11/2014	6
<i>Brachythecium rutabulum</i>	Rough-stalked Feather-moss	moss	31/12/1951	30/10/2014	7
<i>Brachythecium albicans</i>	Whitish Feather-moss	moss	31/12/1951	-	1
<i>Oxyrrhynchium hians</i>	Swartz's Feather-moss	moss	06/11/2014	-	1
<i>Cirriphyllum piliferum</i>	Hair-pointed Feather-moss	moss	31/12/1982	-	1
<i>Rhytidiadelphus squarrosus</i>	Springy Turf-moss	moss	31/12/1951	06/11/2014	5
<i>Sphagnum subnitens</i>	Lustrous Bog-moss	moss	31/12/1999	-	1
<i>Plagiomnium undulatum</i>	Hart's-tongue Thyme-moss	moss	31/12/1951	06/11/2014	7
<i>Sphagnum capillifolium</i> subsp. <i>capillifolium</i>	Acute-leaved Bog-moss	moss	06/12/2009	-	2
<i>Sphagnum capillifolium</i> subsp. <i>rubellum</i>	Red Bog-moss	moss	31/12/1951	30/10/2014	5
<i>Sphagnum compactum</i>	Compact Bog-moss	moss	31/12/1951	06/12/2009	2
<i>Sphagnum cuspidatum</i>	Feathery Bog-moss	moss	31/12/1951	30/10/2014	8
<i>Sphagnum denticulatum</i>	Cow-horn Bog-moss	moss	31/12/1951	30/10/2014	6
<i>Sphagnum fallax</i>	Flat-topped Bog-moss	moss	31/12/1951	30/10/2014	4
<i>Sphagnum fimbriatum</i>	Fringed Bog-moss	moss	31/12/1951	30/10/2014	8
<i>Sphagnum flexuosum</i>	Flexuous Bog-moss	moss	31/12/2002	-	1
<i>Sphagnum inundatum</i>	Lesser Cow-horn Bog-moss	moss	06/12/2009	30/10/2014	3
<i>Sphagnum palustre</i>	Blunt-leaved Bog-moss	moss	31/12/1951	30/10/2014	9
<i>Sphagnum papillosum</i>	Papillose Bog-moss	moss	31/12/1951	30/10/2014	8
<i>Sphagnum angustifolium</i>	Fine Bog-moss	moss	31/12/1981	-	1
<i>Sphagnum squarrosum</i>	Spiky Bog-moss	moss	31/12/1951	06/12/2009	5
<i>Sphagnum recurvum</i>		moss	31/12/1999	-	3
<i>Sphagnum subnitens</i> var. <i>subnitens</i>		moss	30/10/2014	-	1
<i>Sphagnum tenellum</i>	Soft Bog-moss	moss	31/12/1951	30/10/2014	2
<i>Atrichum undulatum</i>	Common Smoothcap	moss	31/12/1982	06/12/2009	5
<i>Pogonatum nanum</i>	Dwarf Haircap	moss	31/12/1951	-	1
<i>Pogonatum urnigerum</i>	Urn Haircap	moss	31/12/1951	-	1
<i>Polytrichum commune</i>	Common Haircap	moss	31/12/1951	06/12/2009	5
<i>Polytrichum commune</i> var. <i>commune</i>		moss	30/10/2014	-	1
<i>Polytrichum commune</i> var. <i>humile</i>		moss	31/12/1908	-	1
<i>Polytrichum formosum</i>	Bank Haircap	moss	31/12/1951	06/12/2009	4
<i>Polytrichum juniperinum</i>	Juniper Haircap	moss	17/08/1993	06/11/2014	5

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<i>Polytrichum piliferum</i>	Bristly Haircap	moss	31/12/1951	-	1
<i>Tetraphis pellucida</i>	Pellucid Four-tooth Moss	moss	19/04/1985	30/10/2014	2
<i>Orthotrichum diaphanum</i>	White-tipped Bristle-moss	moss	30/10/2014	-	1
<i>Sphagnum recurvum</i>		moss	31/12/1999	-	1
<i>Syntrichia ruraliformis</i>	Sand-hill Screw-moss	moss	06/11/2014	-	1
<i>Barbula sardoa</i>		moss	06/12/2009	-	1
<i>Sphagnum capillifolium</i>	Red Bog-moss	moss	31/12/1999	-	2
<i>Schistidium crassipilum</i>	Thickpoint Grimmia	moss	06/11/2014	-	1
<i>Barbula unguiculata</i>	Bird's-claw Beard-moss	moss	06/12/2009	-	1
<i>Didymodon luridus</i>	Dusky Beard-moss	moss	06/11/2014	-	1
<i>Funaria hygrometrica</i>	Common Cord-moss	moss	06/11/2014	-	1
<i>Syntrichia montana</i>	Intermediate Screw-moss	moss	06/11/2014	-	1
<i>Oxystegus sinuosus</i>	Wavy Beard-moss	moss	06/12/2009	-	1
<i>Syntrichia ruralis</i>	Great Hairy Screw-moss	moss	06/12/2009	06/11/2014	2
<i>Zygodon conoideus</i> var. <i>conoideus</i>		moss	30/10/2014	-	1
<i>Zygodon rupestris</i>	Park Yoke-moss	moss	06/11/2014	-	1
<i>Zygodon viridissimus</i> var. <i>viridissimus</i>		moss	06/11/2014	-	1
<i>Orthotrichum affine</i>	Wood Bristle-moss	moss	31/12/1951	30/10/2014	4
<i>Orthotrichum anomalum</i>	Anomalous Bristle-moss	moss	06/12/2009	06/11/2014	2
<i>Tortula muralis</i>	Wall Screw-moss	moss	06/12/2009	-	2
<i>Dicranum bonjeanii</i>	Crisped Fork-moss	moss	31/12/1951	-	1
<i>Fissidens bryoides</i>	Lesser Pocket-moss	moss	18/11/1978	06/11/2014	2
<i>Fissidens taxifolius</i> var. <i>taxifolius</i>		moss	18/11/1978	-	1
<i>Ceratodon purpureus</i>	Redshank	moss	31/12/1951	06/11/2014	2
<i>Dicranella heteromalla</i>	Silky Forklet-moss	moss	31/12/1951	06/12/2009	5
<i>Leucobryum glaucum</i>	Large White-moss	moss	31/12/1951	30/10/2014	2
<i>Dicranum scoparium</i>	Broom Fork-moss	moss	31/12/1951	30/10/2014	8
<i>Dicranum spurium</i>	Rusty Fork-moss	moss	24/05/1947	31/12/1951	2
<i>Campylopus brevipilus</i>	Compact Swan-neck Moss	moss	31/12/1951	-	1
<i>Campylopus flexuosus</i>	Rusty Swan-neck Moss	moss	31/12/1951	06/11/2014	2
<i>Campylopus introflexus</i>	Heath Star Moss	moss	31/12/1999	30/10/2014	5
<i>Campylopus pyriformis</i>	Dwarf Swan-neck Moss	moss	31/12/1951	30/10/2014	3
<i>Campylopus pyriformis</i> var. <i>azoricus</i>		moss	06/11/2014	-	1
<i>Dicranoweisia cirrata</i>	Common Pincushion	moss	31/12/1951	30/10/2014	4
<i>Lycopodiella inundata</i>	Marsh Clubmoss	clubmoss	31/12/1896	-	1
<i>Equisetum telmateia</i>	Great Horsetail	horsetail	30/05/2011	-	1
<i>Equisetum</i>	Horsetail	horsetail	29/08/1989	-	1
<i>Equisetum palustre</i>	Marsh Horsetail	horsetail	17/05/2004	11/06/2008	2
<i>Equisetum arvense</i>	Field Horsetail	horsetail	29/09/2010	-	1
<i>Equisetum fluviatile</i>	Water Horsetail	horsetail	23/08/2010	-	1
<i>Athyrium filix-femina</i>	Lady-fern	fern	29/08/1989	06/09/2010	8
<i>Polypodium vulgare</i>	Polypody	fern	15/01/2006	10/07/2008	2
<i>Dryopteris filix-mas</i>	Male-fern	fern	29/08/1989	03/07/2010	16
<i>Dryopteris dilatata</i>	Broad Buckler-fern	fern	09/09/1991	28/03/2009	18

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<i>Dryopteris carthusiana</i>	Narrow Buckler-fern	fern	31/12/1999	30/04/2009	5
<i>Dryopteris affinis</i>	Scaly Male-fern	fern	19/02/2008	06/09/2010	5
<i>Dryopteris filix-mas</i> agg.	Male Fern	fern	31/12/1999	-	1
<i>Polystichum setiferum</i>	Soft Shield-fern	fern	31/12/1981	09/05/2010	11
<i>Blechnum spicant</i>	Hard-fern	fern	31/12/1999	06/09/2010	7
<i>Polypodium vulgare</i>	Polypody	fern	10/07/2008	-	1
<i>Oreopteris limbosperma</i>	Lemon-scented Fern	fern	13/06/2008	-	1
<i>Asplenium trichomanes</i>	Maidenhair Spleenwort	fern	15/01/2006	31/05/2008	2
<i>Asplenium ruta-muraria</i>	Wall-rue	fern	30/04/2010	-	2
<i>Phyllitis scolopendrium</i>	Hart's-tongue	fern	10/05/2005	03/05/2010	11
<i>Pteridium aquilinum</i>	Bracken	fern	31/12/1981	01/10/2014	37
<i>Azolla filiculoides</i>	Water Fern	fern	23/04/2015	-	1
<i>Pilularia globulifera</i>	Pillwort	fern	14/07/1875	31/12/1887	3
<i>Ophioglossum vulgatum</i>	Adder's-tongue	fern	30/04/2010	-	1
<i>Ophioglossum vulgatum</i>	Adder's Tongue	fern	31/12/1999	30/05/2011	2
<i>Polystichum aculeatum</i>	Hard Shield-fern	fern	03/04/2006	09/05/2006	2
<i>Pinus sylvestris</i>	Scots Pine	conifer	29/05/1978	29/03/2009	12
<i>Cupressus macrocarpa x Xanthocyparis nootk</i>	Leyland Cypress	conifer	18/10/2004	-	1
<i>Taxus baccata</i>	Yew	conifer	31/12/1999	30/05/2011	7
<i>Larix</i>	Larch	conifer	08/07/2008	-	1
<i>Pinopsida</i>		conifer	15/07/2008	-	1
<i>Pinus</i>	Pine	conifer	20/04/2004	12/05/2015	2
<i>Hyacinthoides non-scripta x hispanica = H. x</i>	Hybrid bluebell	flowering plant	01/05/2008	30/04/2009	4
<i>Allium ursinum</i>	Ramsons	flowering plant	31/12/1999	04/04/2010	8
<i>Leucojum aestivum</i>	Summer Snowflake	flowering plant	30/04/2010	-	2
<i>Galanthus nivalis</i>	Snowdrop	flowering plant	09/02/2005	15/03/2011	3
<i>Narcissus</i>	daffodils	flowering plant	31/12/1999	07/04/2011	11
<i>Narcissus pseudonarcissus</i>	Daffodil	flowering plant	07/04/2011	-	1
<i>Narcissus pseudonarcissus subsp. pseudonar</i>	Daffodil	flowering plant	19/02/2008	28/03/2009	5
<i>Ornithogalum angustifolium</i>	Star-of-Bethlehem	flowering plant	29/04/2008	-	1
<i>Chelidonium majus</i>	Greater Celandine	flowering plant	10/05/2005	02/05/2009	3
<i>Hyacinthoides non-scripta</i>	Bluebell	flowering plant	23/02/1989	31/12/2011	28
<i>Ruscus aculeatus</i>	Butcher's-broom	flowering plant	09/09/1991	30/04/2010	13
<i>Papaver rhoeas</i>	Common Poppy	flowering plant	05/06/2008	22/08/2010	2
<i>Nuphar lutea</i>	Yellow Water-lily	flowering plant	30/08/2005	03/07/2010	2
<i>Papaver somniferum</i>	Opium Poppy	flowering plant	10/05/2005	29/09/2010	3
<i>Crocsmia pottsii x aurea = C. x crocosmiiflor</i>	Montbretia	flowering plant	31/12/1999	06/09/2010	7
<i>Hyacinthoides hispanica</i>	Spanish Bluebell	flowering plant	31/12/1999	-	2
<i>Spiranthes spiralis</i>	Autumn Lady's-tresses	flowering plant	31/12/2006	09/09/2013	3
<i>Pseudofumaria lutea</i>	Yellow Corydalis	flowering plant	10/05/2005	-	1
<i>Nymphaea alba</i>	White Water-lily	flowering plant	30/08/2005	-	1
<i>Narthecium ossifragum</i>	Bog Asphodel	flowering plant	29/05/1978	31/12/1981	2
<i>Paris quadrifolia</i>	Herb-paris	flowering plant	11/05/1995	-	1
<i>Nectaroscordum siculum subsp. bulgaricum</i>	Honey Garlic	flowering plant	02/06/2011	-	1

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<i>Dioscorea communis</i>	Black Bryony	flowering plant	03/09/1991	03/07/2010	14
<i>Neottia ovata</i>	Common Twayblade	flowering plant	09/05/2006	-	1
<i>Iris pseudacorus</i>	Yellow Iris	flowering plant	23/02/1989	03/06/2015	17
<i>Platanthera chlorantha</i>	Greater Butterfly-orchid	flowering plant	31/05/2008	03/05/2010	3
<i>Dactylorhiza fuchsii</i>	Common Spotted-orchid	flowering plant	21/07/1987	31/05/2011	11
<i>Orchis mascula</i>	Early-purple Orchid	flowering plant	31/12/1990	28/03/2009	7
<i>Lotus corniculatus</i>	Common Bird's-foot-trefoil	flowering plant	21/07/1987	03/07/2010	17
<i>Anacamptis pyramidalis</i>	Pyramidal Orchid	flowering plant	06/08/2011	-	1
<i>Iris foetidissima</i>	Stinking Iris	flowering plant	15/01/2006	31/05/2008	3
<i>Epipactis helleborine</i>	Broad-leaved Helleborine	flowering plant	21/07/1987	10/07/2008	2
<i>Acer campestre</i>	Field Maple	flowering plant	25/04/1991	27/08/2008	22
<i>Epilobium montanum</i>	Broad-leaved Willowherb	flowering plant	21/07/1987	03/07/2010	9
<i>Epilobium obscurum</i>	Short-fruited Willowherb	flowering plant	08/05/2008	06/09/2010	6
<i>Epilobium parviflorum</i>	Hoary Willowherb	flowering plant	10/07/2008	22/08/2010	6
<i>Epilobium tetragonum</i>	Square-stalked Willowherb	flowering plant	31/05/2008	29/09/2010	3
<i>Chamerion angustifolium</i>	Rosebay Willowherb	flowering plant	31/12/1999	03/07/2010	5
<i>Oenothera biennis</i>	Common Evening-primrose	flowering plant	31/12/1999	-	2
<i>Oenothera glazioviana</i>	Large-flowered Evening-primrose	flowering plant	23/08/2010	-	1
<i>Circaea lutetiana</i>	Enchanter's-nightshade	flowering plant	31/12/1990	08/07/2013	13
<i>Sherardia arvensis</i>	Field Madder	flowering plant	05/06/2008	06/09/2010	3
<i>Aesculus hippocastanum</i>	Horse-chestnut	flowering plant	18/10/2004	31/05/2011	13
<i>Lythrum portula</i>	Water-purslane	flowering plant	17/07/2010	16/04/2011	2
<i>Acer platanoides</i>	Norway Maple	flowering plant	09/05/2006	29/09/2010	5
<i>Acer pseudoplatanus</i>	Sycamore	flowering plant	31/12/1999	20/05/2011	19
<i>Ruta graveolens</i>	Rue	flowering plant	31/12/1997	-	1
<i>Malva moschata</i>	Musk-mallow	flowering plant	04/07/2009	06/09/2010	3
<i>Malva sylvestris</i>	Common Mallow	flowering plant	23/08/2004	23/08/2010	5
<i>Tilia platyphyllos x cordata = T. x europaea</i>	Lime	flowering plant	29/06/2008	30/05/2011	3
<i>Daphne laureola</i>	Spurge-laurel	flowering plant	31/05/2008	-	1
<i>Cornus sanguinea</i>	Dogwood	flowering plant	23/08/2004	12/07/2008	7
<i>Parthenocissus quinquefolia</i>	Virginia creeper	flowering plant	28/08/2006	-	1
<i>Rhus typhina</i>	Stag's-horn Sumach	flowering plant	31/05/2011	12/05/2015	2
<i>Hypericum pulchrum</i>	Slender St John's-wort	flowering plant	03/09/1991	03/07/2010	6
<i>Viola canina</i>	Heath Dog-violet	flowering plant	21/07/1987	-	1
<i>Viola odorata</i>	Sweet Violet	flowering plant	23/08/2004	29/03/2009	5
<i>Viola palustris</i>	Marsh Violet	flowering plant	31/12/1999	31/12/2002	3
<i>Viola reichenbachiana</i>	Early Dog-violet	flowering plant	29/04/2006	16/04/2011	5
<i>Viola riviniana</i>	Common Dog-violet	flowering plant	21/07/1987	10/07/2008	18
<i>Linum catharticum</i>	Fairy Flax	flowering plant	06/08/2011	-	1
<i>Hypericum androsaemum</i>	Tutsan	flowering plant	31/12/1999	03/07/2010	4
<i>Hypericum hirsutum</i>	Hairy St John's-wort	flowering plant	02/05/2009	30/05/2011	3
<i>Hypericum humifusum</i>	Trailing St John's-wort	flowering plant	31/12/1999	06/09/2010	3
<i>Epilobium hirsutum</i>	Great Willowherb	flowering plant	21/07/1987	03/07/2010	18
<i>Hypericum perforatum</i>	Perforate St John's-wort	flowering plant	21/07/1987	30/05/2011	11

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<i>Epilobium ciliatum</i>	American Willowherb	flowering plant	31/12/1999	03/07/2010	9
<i>Hypericum tetrapterum</i>	Square-stalked St John's-wort	flowering plant	29/04/2006	22/08/2010	7
<i>Geranium dissectum</i>	Cut-leaved Crane's-bill	flowering plant	21/07/1987	14/07/2009	11
<i>Geranium molle</i>	Dove's-foot Crane's-bill	flowering plant	21/07/1987	23/08/2010	9
<i>Geranium pusillum</i>	Small-flowered Crane's-bill	flowering plant	31/12/1996	04/06/2015	4
<i>Geranium pyrenaicum</i>	Hedgerow Crane's-bill	flowering plant	20/04/2004	-	1
<i>Geranium robertianum</i>	Herb-Robert	flowering plant	25/04/1991	01/10/2014	20
<i>Erodium cicutarium</i> agg.	Common Stork's-Bill	flowering plant	15/01/2006	-	1
<i>Erodium cicutarium</i>	Common Stork's-bill	flowering plant	15/01/2006	-	1
<i>Galium aparine</i>	Cleavers	flowering plant	21/07/1987	20/05/2011	26
<i>Hypericum maculatum</i>	Imperforate St John's-wort	flowering plant	03/07/2010	-	1
<i>Centaurea montana</i>	Perennial Cornflower	flowering plant	02/06/2011	-	1
<i>Scorzonoides autumnalis</i>	Autumn Hawkbit	flowering plant	04/09/1996	23/08/2010	5
<i>Scorzonoides autumnalis</i> var. <i>pratensis</i>	Autumnal Hawkbit	flowering plant	31/12/1999	-	1
<i>Arctium</i>	Burdock	flowering plant	29/06/2008	-	1
<i>Arctium lappa</i>	Greater Burdock	flowering plant	31/12/1999	12/07/2008	7
<i>Arctium minus</i>	Lesser Burdock	flowering plant	25/04/1991	03/07/2010	15
<i>Cirsium</i>	Thistle	flowering plant	29/06/2008	-	1
<i>Cirsium acaule</i> x <i>arvense</i> = <i>C. x boulayi</i>	Thistle	flowering plant	04/09/1996	-	1
<i>Cirsium arvense</i>	Creeping thistle	flowering plant	21/07/1987	17/07/2010	37
<i>Aucuba japonica</i>	Spotted-laurel	flowering plant	29/10/2006	-	1
<i>Cirsium vulgare</i>	Spear thistle	flowering plant	23/02/1989	03/07/2010	37
<i>Solanum nigrum</i>	Black Nightshade	flowering plant	31/07/2008	29/09/2010	3
<i>Centaurea nigra</i>	Common Knapweed	flowering plant	21/07/1987	04/07/2009	38
<i>Cichorium intybus</i>	Chicory	flowering plant	04/09/1996	30/05/2011	2
<i>Lapsana communis</i>	Nipplewort	flowering plant	09/09/1991	03/07/2010	16
<i>Hypochaeris radicata</i>	Cat's-ear	flowering plant	04/09/1996	06/09/2010	9
<i>Leontodon hispidus</i>	Rough Hawkbit	flowering plant	21/07/1987	04/09/1996	5
<i>Leontodon saxatilis</i>	Lesser Hawkbit	flowering plant	06/09/2010	-	1
<i>Picris echioides</i>	Bristly Oxtongue	flowering plant	04/09/1996	29/09/2010	7
<i>Tragopogon pratensis</i>	Goat's-beard	flowering plant	30/05/2011	-	1
<i>Sonchus arvensis</i>	Perennial Sow-thistle	flowering plant	21/07/1987	22/08/2009	9
<i>Cirsium palustre</i>	Marsh Thistle	flowering plant	23/02/1989	03/07/2010	14
<i>Vinca major</i>	Greater Periwinkle	flowering plant	31/12/1999	30/05/2011	7
<i>Galium mollugo</i>	Hedge Bedstraw	flowering plant	21/07/1987	-	1
<i>Galium palustre</i>	Marsh-bedstraw	flowering plant	21/07/1987	17/07/2010	12
<i>Galium palustre</i> subsp. <i>palustre</i>	Common Marsh-bedstraw	flowering plant	28/03/2009	30/05/2011	4
<i>Galium saxatile</i>	Heath Bedstraw	flowering plant	17/08/1993	10/07/2008	4
<i>Galium uliginosum</i>	Fen Bedstraw	flowering plant	05/06/2008	-	1
<i>Galium verum</i>	Lady's Bedstraw	flowering plant	29/07/1991	20/05/2011	3
<i>Cruciata laevipes</i>	Crosswort	flowering plant	21/07/1987	04/07/2009	12
<i>Centaureum erythraea</i>	Common Centaury	flowering plant	21/07/1987	06/09/2010	9
<i>Centaureum erythraea</i> var. <i>erythraea</i>		flowering plant	30/04/2009	04/07/2009	2
<i>Ilex aquifolium</i>	Holly	flowering plant	23/02/1989	20/05/2011	28

Latin Name	Common Name	Taxon Group	First Date	Last Date	No. of Rec's
<i>Blackstonia perfoliata</i>	Yellow-wort	flowering plant	31/12/1999	-	1
<i>Lycopersicon esculentum</i>	Tomato	flowering plant	31/12/1999	-	1
<i>Vinca minor</i>	Lesser Periwinkle	flowering plant	23/08/2004	10/07/2008	4
<i>Convolvulus arvensis</i>	Field Bindweed	flowering plant	21/07/1987	03/07/2010	11
<i>Calystegia sepium</i>	Hedge Bindweed	flowering plant	31/12/1999	03/07/2010	12
<i>Calystegia silvatica</i>	Large Bindweed	flowering plant	12/07/2008	29/09/2010	3
<i>Cuscuta epithymum</i>	Dodder	flowering plant	04/06/2015	-	1
<i>Calystegia sepium</i>		flowering plant	31/12/1999	-	1
<i>Datura stramonium</i>	Thorn-apple	flowering plant	28/08/2006	-	1
<i>Solanum dulcamara</i>	Bittersweet	flowering plant	25/04/1991	09/05/2010	13
<i>Salix repens</i>	Creeping Willow	flowering plant	31/12/1999	-	1
<i>Centaurium pulchellum</i>	Lesser Centaury	flowering plant	21/07/1987	14/07/2009	3
<i>Melilotus altissimus</i>	Tall Melilot	flowering plant	23/08/2010	06/08/2011	4
<i>Vicia cracca</i>	Tufted Vetch	flowering plant	21/07/1987	03/07/2010	17
<i>Vicia hirsuta</i>	Hairy Tare	flowering plant	21/07/1987	31/05/2011	7
<i>Vicia sativa</i>	Common Vetch	flowering plant	21/07/1987	-	2
<i>Vicia sativa subsp. sativa</i>	Common Vetch	flowering plant	30/05/2011	-	1
<i>Vicia sativa subsp. segetalis</i>	Common Vetch	flowering plant	29/04/2006	30/05/2011	9
<i>Vicia sepium</i>	Bush Vetch	flowering plant	29/04/2006	04/07/2009	8
<i>Vicia tetrasperma</i>	Smooth Tare	flowering plant	31/05/2008	30/05/2011	9
<i>Lathyrus linifolius</i>	Bitter-vetch	flowering plant	09/05/2006	-	1
<i>Viola arvensis</i>	Field Pansy	flowering plant	05/06/2008	22/08/2010	2
<i>Lathyrus pratensis</i>	Meadow Vetchling	flowering plant	21/07/1987	03/07/2010	18
<i>Lotus pedunculatus</i>	Greater Bird's-foot-trefoil	flowering plant	21/07/1987	03/07/2010	11
<i>Medicago arabica</i>	Spotted Medick	flowering plant	01/05/2008	02/05/2009	3
<i>Medicago lupulina</i>	Black Medick	flowering plant	29/07/1991	12/05/2015	10
<i>Trifolium</i>	Clover	flowering plant	12/05/2015	-	1
<i>Trifolium arvense</i>	Hare's-foot Clover	flowering plant	31/05/2008	04/06/2015	2
<i>Trifolium campestre</i>	Hop Trefoil	flowering plant	21/07/1987	06/08/2011	2
<i>Trifolium dubium</i>	Lesser Trefoil	flowering plant	31/12/1999	03/07/2010	10
<i>Trifolium medium</i>	Zigzag Clover	flowering plant	06/09/2010	-	1
<i>Trifolium micranthum</i>	Slender Trefoil	flowering plant	03/05/2010	31/05/2011	2
<i>Trifolium pratense</i>	Red Clover	flowering plant	21/07/1987	03/07/2010	19
<i>Lathyrus nissolia</i>	Grass Vetchling	flowering plant	03/09/1991	30/05/2011	6
<i>Ranunculus ficaria subsp. ficaria</i>	Lesser Celandine	flowering plant	10/05/2005	-	1
<i>Caltha palustris</i>	Marsh-marigold	flowering plant	31/12/1999	03/07/2010	6
<i>Aconitum napellus</i>	Monk's-hood	flowering plant	31/12/1999	-	2
<i>Anemone nemorosa</i>	Wood Anemone	flowering plant	25/04/1991	31/12/2011	17
<i>Clematis vitalba</i>	Traveller's-joy	flowering plant	09/09/1991	22/08/2009	3
<i>Ranunculus</i>	Water Crowfoot	flowering plant	12/05/2015	-	1
<i>Ranunculus acris</i>	Meadow Buttercup	flowering plant	21/07/1987	04/07/2009	15
<i>Ranunculus arvensis</i>	Corn Buttercup	flowering plant	31/12/1999	30/05/2011	2
<i>Ranunculus auricomus</i>	Goldilocks Buttercup	flowering plant	03/04/2006	04/04/2010	9
<i>Ranunculus bulbosus</i>	Bulbous Buttercup	flowering plant	21/07/1987	09/05/2010	5

Latin Name	Common Name	Taxon Group	First Date	Last Date	No. of Rec's
<i>Vicia</i>		flowering plant	03/09/1991	-	1
<i>Ranunculus ficaria</i> subsp. <i>bulbilifer</i>	Lesser Celandine	flowering plant	05/05/2008	-	1
<i>Ornithopus perpusillus</i>	Bird's-foot	flowering plant	17/08/1993	31/12/1999	3
<i>Ranunculus flammula</i>	Lesser Spearwort	flowering plant	21/07/1987	17/07/2010	9
<i>Ranunculus peltatus</i>	Pond Water-crowfoot	flowering plant	31/12/1999	09/05/2010	4
<i>Ranunculus repens</i>	Creeping Buttercup	flowering plant	21/07/1987	17/07/2010	36
<i>Ranunculus sardous</i>	Hairy Buttercup	flowering plant	31/07/2008	23/08/2010	2
<i>Aquilegia vulgaris</i>	Columbine	flowering plant	31/05/2011	-	1
<i>Thalictrum minus</i>	Lesser Meadow-rue	flowering plant	11/07/2011	-	1
<i>Lotus</i>	Bird's-Foot-Trefoil	flowering plant	15/07/2008	-	1
<i>Brassica napus</i>	Rape	flowering plant	30/05/2011	-	1
<i>Trifolium subterraneum</i>	Subterranean Clover	flowering plant	31/12/1996	04/06/2015	2
<i>Ranunculus ficaria</i>	Lesser Celandine	flowering plant	29/08/1989	31/05/2008	16
<i>Populus nigra</i>	Black-poplar	flowering plant	31/12/2005	-	1
<i>Trifolium repens</i>	White Clover	flowering plant	21/07/1987	17/07/2010	20
<i>Oxalis corniculata</i>	Procumbent Yellow-sorrel	flowering plant	10/05/2005	-	1
<i>Mercurialis annua</i>	Annual Mercury	flowering plant	15/01/2006	-	1
<i>Mercurialis perennis</i>	Dog's Mercury	flowering plant	29/08/1989	20/05/2011	25
<i>Euphorbia</i>	Spurge	flowering plant	13/06/2008	-	1
<i>Euphorbia amygdaloides</i>	Wood Spurge	flowering plant	09/09/1991	30/05/2011	7
<i>Euphorbia exigua</i>	Dwarf Spurge	flowering plant	22/08/2009	-	1
<i>Euphorbia lathyris</i>	Caper Spurge	flowering plant	10/05/2005	-	1
<i>Euphorbia peplus</i>	Petty Spurge	flowering plant	10/05/2005	29/09/2010	6
<i>Oxalis acetosella</i>	Wood-sorrel	flowering plant	25/04/1991	14/11/2011	12
<i>Populus alba</i>	White Poplar	flowering plant	22/08/2009	-	1
<i>Oxalis</i>		flowering plant	31/12/1990	-	1
<i>Populus nigra</i> x <i>deltoides</i> = <i>P. x canadensis</i>	Hybrid Black-poplar	flowering plant	24/02/2008	-	1
<i>Populus tremula</i>	Aspen	flowering plant	10/07/2008	23/08/2010	5
<i>Salix</i>	Willow	flowering plant	12/05/2015	-	1
<i>Salix alba</i>	White Willow	flowering plant	23/08/2010	-	1
<i>Salix caprea</i>	Goat Willow	flowering plant	23/02/1989	03/07/2010	18
<i>Salix cinerea</i>	Common Sallow	flowering plant	23/02/1989	29/06/2008	7
<i>Salix cinerea</i> subsp. <i>oleifolia</i>	Rusty Willow	flowering plant	31/12/1999	12/07/2008	10
<i>Salix fragilis</i>	Crack-willow	flowering plant	23/02/1989	04/07/2009	9
<i>Fumaria officinalis</i>	Common Fumitory	flowering plant	29/09/2010	31/05/2011	2
<i>Euphorbia platyphyllos</i>	Broad-leaved Spurge	flowering plant	31/12/1979	30/05/2011	4
<i>Quercus petraea</i> x <i>robur</i> = <i>Q. x rosacea</i>	Hybrid Oak	flowering plant	23/02/1989	-	1
<i>Salix viminalis</i>	Osier	flowering plant	12/07/2008	-	1
<i>Cytisus scoparius</i>	Broom	flowering plant	23/02/1989	22/08/2009	5
<i>Genista tinctoria</i> subsp. <i>tinctoria</i>	Dyer's Greenweed	flowering plant	30/05/2011	-	1
<i>Ulex europaeus</i>	Gorse	flowering plant	23/02/1989	31/12/2011	16
<i>Ulex minor</i>	Dwarf Gorse	flowering plant	17/08/1993	31/12/1999	3
<i>Polygala serpyllifolia</i>	Heath Milkwort	flowering plant	31/12/1999	-	2
<i>Fagus sylvatica</i>	Beech	flowering plant	25/04/1991	12/05/2015	16

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<i>Castanea sativa</i>	Sweet Chestnut	flowering plant	31/12/1999	22/08/2010	12
<i>Quercus</i>	Oak	flowering plant	29/07/1991	23/09/2009	3
<i>Oxalis articulata</i>	Pink-sorrel	flowering plant	01/05/2008	-	1
<i>Quercus petraea</i>	Sessile Oak	flowering plant	25/05/2008	10/06/2008	2
<i>Trifolium striatum</i>	Knotted Clover	flowering plant	04/06/2015	-	1
<i>Quercus robur</i>	Pedunculate Oak	flowering plant	31/12/1981	12/05/2015	37
<i>Betula</i>	Birch	flowering plant	29/08/1989	-	1
<i>Betula pendula</i>	Silver Birch	flowering plant	29/05/1978	12/05/2015	28
<i>Betula pubescens</i>	Downy Birch	flowering plant	23/02/1989	20/05/2011	11
<i>Alnus glutinosa</i>	Alder	flowering plant	23/02/1989	01/10/2014	13
<i>Carpinus betulus</i>	Hornbeam	flowering plant	09/09/1991	30/05/2011	9
<i>Corylus avellana</i>	Hazel	flowering plant	31/12/1990	03/07/2010	32
<i>Bryonia dioica</i>	White Bryony	flowering plant	09/09/1991	31/12/1999	3
<i>Euonymus europaeus</i>	Spindle	flowering plant	31/12/1999	22/08/2009	12
<i>Quercus cerris</i>	Turkey Oak	flowering plant	06/09/2010	-	1
<i>Stachys arvensis</i>	Field Woundwort	flowering plant	22/08/2010	30/05/2011	2
<i>Kickxia spuria</i>	Round-leaved Fluellen	flowering plant	14/07/2009	23/08/2010	3
<i>Linaria purpurea</i>	Purple Toadflax	flowering plant	31/07/2008	04/07/2009	2
<i>Callitriche</i>	Water-starwort	flowering plant	08/05/2008	14/07/2009	18
<i>Callitriche stagnalis</i>	Common Water-starwort	flowering plant	31/12/1999	30/05/2011	6
<i>Verbascum nigrum</i>	Dark Mullein	flowering plant	04/09/1996	29/04/2006	3
<i>Verbascum thapsus</i>	Great Mullein	flowering plant	03/07/2010	30/05/2011	3
<i>Scrophularia auriculata</i>	Water Figwort	flowering plant	31/12/1999	11/06/2008	6
<i>Gaultheria shallon</i>	Shallon	flowering plant	15/07/2008	-	2
<i>Buddleja davidii</i>	Butterfly-bush	flowering plant	03/04/2006	29/09/2010	4
<i>Veronica serpyllifolia</i>	Thyme-leaved Speedwell	flowering plant	31/12/1999	03/07/2010	8
<i>Stachys officinalis</i>	Betony	flowering plant	21/07/1987	09/10/2010	5
<i>Stachys palustris</i>	Marsh Woundwort	flowering plant	21/07/1987	30/05/2011	6
<i>Stachys sylvatica</i>	Hedge Woundwort	flowering plant	30/08/2005	03/07/2010	13
<i>Ballota nigra</i>	Black Horehound	flowering plant	19/02/2008	-	1
<i>Lamium album</i>	White Dead-nettle	flowering plant	31/12/1999	20/05/2011	11
<i>Lamium galeobdolon</i>	Yellow Archangel	flowering plant	31/12/1990	31/12/1999	5
<i>Lamium galeobdolon subsp. argentatum</i>	Yellow Archangel	flowering plant	15/01/2006	30/05/2011	8
<i>Lamium galeobdolon subsp. montanum</i>	Yellow Archangel	flowering plant	09/05/2006	08/05/2008	4
<i>Scrophularia nodosa</i>	Common Figwort	flowering plant	09/09/1991	03/07/2010	16
<i>Veronica filiformis</i>	Slender Speedwell	flowering plant	15/01/2006	30/04/2010	4
<i>Crataegus monogyna</i>	Hawthorn	flowering plant	23/02/1989	03/07/2010	33
<i>Fraxinus excelsior</i>	Ash	flowering plant	23/02/1989	03/07/2010	29
<i>Ligustrum vulgare</i>	Wild Privet	flowering plant	03/04/2006	03/07/2010	6
<i>Plantago lanceolata</i>	Ribwort Plantain	flowering plant	21/07/1987	17/07/2010	24
<i>Plantago major</i>	Greater Plantain	flowering plant	21/07/1987	20/05/2011	25
<i>Plantago media</i>	Hoary Plantain	flowering plant	04/09/1996	-	1
<i>Digitalis purpurea</i>	Foxglove	flowering plant	21/07/1987	20/05/2011	22
<i>Veronica arvensis</i>	Wall Speedwell	flowering plant	31/12/1999	30/05/2011	7



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<i>Kickxia elatine</i>	Sharp-leaved Fluellen	flowering plant	05/06/2008	23/08/2010	5
<i>Veronica chamaedrys</i>	Germander Speedwell	flowering plant	21/07/1987	03/07/2010	18
<i>Cymbalaria muralis</i>	Ivy-leaved Toadflax	flowering plant	10/05/2005	31/05/2008	2
<i>Veronica hederifolia</i>	Ivy-leaved Speedwell	flowering plant	21/03/2005	09/05/2010	10
<i>Veronica hederifolia subsp. hederifolia</i>	Ivy-Leaved Speedwell	flowering plant	03/04/2006	02/05/2009	4
<i>Veronica hederifolia subsp. lucorum</i>	Ivy-Leaved Speedwell	flowering plant	01/05/2008	09/05/2010	10
<i>Veronica montana</i>	Wood Speedwell	flowering plant	31/12/1999	14/07/2009	14
<i>Veronica officinalis</i>	Heath Speedwell	flowering plant	31/12/1999	06/09/2010	5
<i>Veronica persica</i>	Common Field-speedwell	flowering plant	15/01/2006	22/08/2009	8
<i>Veronica polita</i>	Grey Field-speedwell	flowering plant	22/08/2009	-	1
<i>Scutellaria galericulata</i>	Skullcap	flowering plant	31/12/1999	21/07/2009	5
<i>Veronica beccabunga</i>	Brooklime	flowering plant	16/01/1991	03/07/2010	9
<i>Malus pumila</i>	Apple	flowering plant	31/07/2008	-	1
<i>Lamium purpureum</i>	Red Dead-nettle	flowering plant	23/08/2004	08/05/2008	5
<i>Prunus avium</i>	Wild Cherry	flowering plant	25/04/1991	04/04/2010	12
<i>Prunus cerasifera</i>	Cherry Plum	flowering plant	01/04/2005	30/05/2011	4
<i>Prunus domestica</i>	Wild Plum	flowering plant	28/08/2006	30/05/2011	2
<i>Prunus laurocerasus</i>	Cherry Laurel	flowering plant	15/01/2006	12/05/2015	4
<i>Prunus lusitanica</i>	Portugal Laurel	flowering plant	31/07/2008	-	1
<i>Prunus spinosa</i>	Blackthorn	flowering plant	23/02/1989	03/07/2010	26
<i>Prunus spinosa x domestica = P. x fruticans</i>	Cherry	flowering plant	31/12/1999	-	1
<i>Poterium sanguisorba subsp. sanguisorba</i>	Salad Burnet	flowering plant	31/05/2008	-	2
<i>Malus</i>	Apple	flowering plant	12/05/2015	-	1
<i>Potentilla sterilis</i>	Barren Strawberry	flowering plant	09/09/1991	04/04/2010	10
<i>Malus sylvestris</i>	Crab Apple	flowering plant	25/04/1991	14/07/2009	9
<i>Sorbus aucuparia</i>	Rowan	flowering plant	23/02/1989	01/10/2014	13
<i>Sorbus intermedia</i>	Swedish Whitebeam	flowering plant	31/12/1999	-	2
<i>Sorbus torminalis</i>	Wild Service-tree	flowering plant	15/01/2006	06/08/2011	10
<i>Amelanchier lamarckii</i>	Juneberry	flowering plant	31/12/1999	-	2
<i>Cotoneaster simonsii</i>	Himalayan cotoneaster	flowering plant	31/05/2011	-	2
<i>Crataegus crus-galli</i>	Cockspurthorn	flowering plant	31/12/1988	-	1
<i>Raphanus raphanistrum subsp. raphanistrum</i>	Wild Radish	flowering plant	05/06/2008	04/06/2015	3
<i>Pyrus communis</i>	Pear	flowering plant	30/05/2011	-	2
<i>Mentha arvensis x aquatica = M. x verticillata</i>	Whorled Mint	flowering plant	06/09/2010	-	1
<i>Erica tetralix</i>	Cross-leaved Heath	flowering plant	31/12/1981	14/11/2011	7
<i>Scutellaria minor</i>	Lesser Skullcap	flowering plant	31/12/1999	-	3
<i>Teucrium scorodonia</i>	Wood Sage	flowering plant	21/07/1987	01/10/2014	17
<i>Ajuga reptans</i>	Bugle	flowering plant	25/04/1991	31/12/2011	20
<i>Glechoma hederacea</i>	Ground-ivy	flowering plant	21/07/1987	20/05/2011	26
<i>Prunella vulgaris</i>	Selfheal	flowering plant	21/07/1987	03/07/2010	22
<i>Melissa officinalis</i>	Balm	flowering plant	01/05/2008	10/07/2008	2
<i>Lycopus europaeus</i>	Gypsywort	flowering plant	09/09/1991	12/05/2015	11
<i>Prunus</i>	Planted Cherry	flowering plant	12/05/2015	-	1
<i>Mentha arvensis</i>	Corn Mint	flowering plant	21/07/1987	22/08/2010	6

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<i>Galeopsis tetrahit</i> agg.	Common Hemp-Nettle agg.	flowering plant	30/05/2011	-	2
<i>Mentha spicata</i> x <i>suaveolens</i> = <i>M. x villosa</i>	Apple-mint	flowering plant	31/12/1999	-	1
<i>Odontites vernus</i>	Red Bartsia	flowering plant	21/07/1987	30/05/2011	9
<i>Rhinanthus minor</i>	Yellow-rattle	flowering plant	31/05/2011	-	1
<i>Verbena bonariensis</i>	Argentinian Vervain	flowering plant	23/08/2010	-	1
<i>Potentilla anserina</i>	Silverweed	flowering plant	31/12/1999	17/07/2010	6
<i>Potentilla erecta</i>	Tormentil	flowering plant	21/07/1987	12/05/2015	9
<i>Potentilla palustris</i>	Marsh Cinquefoil	flowering plant	31/12/1992	03/05/2004	5
<i>Potentilla reptans</i>	Creeping Cinquefoil	flowering plant	29/07/1991	17/07/2010	20
<i>Mentha aquatica</i>	Water Mint	flowering plant	03/09/1991	03/07/2010	13
<i>Drosera rotundifolia</i>	Round-leaved Sundew	flowering plant	29/05/1978	04/06/2015	5
<i>Rumex acetosa</i>	Common Sorrel	flowering plant	21/07/1987	12/07/2008	16
<i>Rumex acetosella</i>	Sheep's Sorrel	flowering plant	16/01/1991	21/07/2009	5
<i>Rumex acetosella</i> subsp. <i>acetosella</i>	Sheep's Sorrel	flowering plant	17/08/1993	-	1
<i>Rumex conglomeratus</i>	Clustered Dock	flowering plant	21/07/1987	03/07/2010	6
<i>Rumex crispus</i>	Curled Dock	flowering plant	04/09/1996	17/07/2010	13
<i>Rumex hydrolapathum</i>	Water Dock	flowering plant	31/05/2008	-	1
<i>Rumex obtusifolius</i>	Broad-leaved Dock	flowering plant	21/07/1987	17/07/2010	14
<i>Vaccinium oxycoccos</i>	Cranberry	flowering plant	29/05/1978	02/05/2004	4
<i>Drosera intermedia</i>	Oblong-leaved Sundew	flowering plant	31/12/1999	-	2
<i>Fallopia convolvulus</i>	Black-bindweed	flowering plant	05/06/2008	06/09/2010	4
<i>Arenaria serpyllifolia</i>	Thyme-Leaved Sandwort	flowering plant	08/05/2008	-	1
<i>Arenaria serpyllifolia</i> subsp. <i>serpyllifolia</i>	Thyme-leaved Sandwort	flowering plant	04/07/2009	-	1
<i>Moehringia trinervia</i>	Three-nerved Sandwort	flowering plant	29/08/1989	03/05/2010	12
<i>Stellaria alsine</i>	Bog Stitchwort	flowering plant	03/05/2008	03/05/2010	4
<i>Stellaria graminea</i>	Lesser Stitchwort	flowering plant	21/07/1987	12/07/2008	12
<i>Stellaria holostea</i>	Greater Stitchwort	flowering plant	25/04/1991	20/05/2011	17
<i>Stellaria media</i>	Common Chickweed	flowering plant	09/09/1991	31/07/2008	8
<i>Stellaria nemorum</i>	Wood Stitchwort	flowering plant	31/12/1999	-	2
<i>Rumex sanguineus</i>	Wood Dock	flowering plant	29/08/1989	03/07/2010	18
<i>Potamogeton polygonifolius</i>	Bog Pondweed	flowering plant	31/12/1999	-	2
<i>Lysichiton americanus</i>	American Skunk-cabbage	flowering plant	27/05/2015	04/06/2015	2
<i>Arum italicum</i> subsp. <i>italicum</i>	Arum	flowering plant	24/02/2008	05/05/2008	2
<i>Arum maculatum</i>	Lords-and-Ladies	flowering plant	21/07/1987	20/05/2011	21
<i>Lemna minor</i>	Common Duckweed	flowering plant	08/05/2008	02/05/2009	3
<i>Lemna minuta</i>	Least Duckweed	flowering plant	31/12/1994	30/08/2005	2
<i>Sagittaria sagittifolia</i>	Arrowhead	flowering plant	03/07/2010	-	1
<i>Alisma lanceolatum</i>	Narrow-leaved Water-plantain	flowering plant	29/07/1991	-	2
<i>Alisma plantago-aquatica</i>	Water-plantain	flowering plant	29/07/1991	03/06/2015	9
<i>Rumex</i>	Dock	flowering plant	29/07/1991	-	2
<i>Potamogeton natans</i>	Broad-leaved Pondweed	flowering plant	29/07/1991	10/07/2008	5
<i>Fallopia japonica</i>	Japanese Knotweed	flowering plant	05/05/2008	31/03/2012	5
<i>Persicaria amphibia</i>	Amphibious Bistort	flowering plant	23/08/2010	-	1
<i>Persicaria hydropiper</i>	Water-pepper	flowering plant	31/12/1999	06/09/2010	10

Latin Name	Common Name	Taxon Group	First Date	Last Date	No. of Rec's
<i>Persicaria lapathifolia</i>	Pale Persicaria	flowering plant	10/07/2008	22/08/2009	3
<i>Persicaria maculosa</i>	Redshank	flowering plant	21/07/1987	17/07/2010	11
<i>Polygonum aviculare</i> agg.	Knotgrass agg.	flowering plant	23/08/2004	30/08/2005	3
<i>Polygonum arenastrum</i>	Equal-leaved Knotgrass	flowering plant	30/05/2011	-	3
<i>Polygonum aviculare</i>	Knotgrass	flowering plant	04/09/1996	31/07/2008	6
<i>Cerastium glomeratum</i>	Sticky Mouse-ear	flowering plant	20/04/2004	04/07/2009	7
<i>Hydrocharis morsus-ranae</i>	Frogbit	flowering plant	14/08/2006	-	1
<i>Lysimachia punctata</i>	Dotted Loosestrife	flowering plant	30/05/2011	-	1
<i>Stellaria pallida</i>	Lesser Chickweed	flowering plant	31/12/1987	15/03/2011	2
<i>Claytonia perfoliata</i>	Springbeauty	flowering plant	29/04/2008	-	1
<i>Montia fontana</i>	Blinks	flowering plant	10/05/2005	-	1
<i>Montia fontana</i> subsp. <i>chondrosperma</i>	Blinks	flowering plant	10/05/2005	-	1
<i>Impatiens glandulifera</i>	Indian Balsam	flowering plant	31/12/1999	04/06/2015	18
<i>Primula veris</i>	Cowslip	flowering plant	25/04/1991	30/04/2010	4
<i>Primula veris</i> x <i>vulgaris</i> = <i>P. x polyantha</i>	False Oxlip	flowering plant	09/05/2010	-	2
<i>Primula vulgaris</i>	Primrose	flowering plant	21/07/1987	04/07/2009	24
<i>Amaranthus hybridus</i>	Green Amaranth	flowering plant	28/08/2006	-	1
<i>Lysimachia nummularia</i>	Creeping-Jenny	flowering plant	29/07/1991	17/07/2010	9
<i>Beta vulgaris</i> subsp. <i>maritima</i>	Sea Beet	flowering plant	23/08/2010	-	1
<i>Lysimachia vulgaris</i>	Yellow Loosestrife	flowering plant	23/02/1989	-	1
<i>Anagallis arvensis</i>	Scarlet Pimpernel	flowering plant	21/07/1987	23/08/2010	13
<i>Anagallis tenella</i>	Bog Pimpernel	flowering plant	31/12/1999	05/06/2008	3
<i>Rhododendron</i>		flowering plant	31/07/2008	12/05/2015	2
<i>Rhododendron luteum</i>	Yellow Azalea	flowering plant	12/05/2015	-	1
<i>Rhododendron ponticum</i>	Rhododendron	flowering plant	23/02/1989	12/05/2015	9
<i>Calluna vulgaris</i>	Heather	flowering plant	31/12/1981	21/07/2009	7
<i>Erica cinerea</i>	Bell Heather	flowering plant	23/02/1989	08/07/2013	7
<i>Lysimachia nemorum</i>	Yellow Pimpernel	flowering plant	29/08/1989	20/05/2011	9
<i>Silene flos-cuculi</i>	Ragged-Robin	flowering plant	31/12/1999	28/03/2009	7
<i>Crataegus monogyna</i> x <i>laevigata</i> = <i>C. x media</i>		flowering plant	08/05/2008	22/08/2009	7
<i>Cerastium semidecandrum</i>	Little Mouse-ear	flowering plant	31/12/1996	31/12/2002	6
<i>Myosoton aquaticum</i>	Water Chickweed	flowering plant	30/08/2005	29/09/2010	3
<i>Moenchia erecta</i>	Upright Chickweed	flowering plant	31/12/1996	10/05/2005	3
<i>Sagina apetala</i>	Annual Pearlwort	flowering plant	31/12/1999	22/08/2009	5
<i>Sagina procumbens</i>	Procumbent Pearlwort	flowering plant	04/09/1996	30/05/2011	6
<i>Spergula arvensis</i>	Corn Spurrey	flowering plant	04/06/2015	-	1
<i>Spergularia rubra</i>	Sand Spurrey	flowering plant	05/06/2008	-	1
<i>Amaranthus retroflexus</i>	Common Amaranth	flowering plant	28/08/2006	-	1
<i>Silene dioica</i>	Red Campion	flowering plant	21/07/1987	18/11/2014	28
<i>Cerastium fontanum</i>	Common Mouse-ear	flowering plant	21/07/1987	12/05/2015	18
<i>Silene latifolia</i>	White Campion	flowering plant	09/10/2010	-	1
<i>Chenopodium album</i>	Fat-hen	flowering plant	31/05/2008	22/08/2009	6
<i>Chenopodium ficifolium</i>	Fig-leaved Goosefoot	flowering plant	14/07/2009	29/09/2010	3
<i>Chenopodium glaucum</i>	Oak-leaved Goosefoot	flowering plant	23/08/2010	-	1

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<i>Chenopodium polyspermum</i>	Many-seeded Goosefoot	flowering plant	12/07/2008	29/09/2010	6
<i>Chenopodium rubrum</i>	Red Goosefoot	flowering plant	11/06/2008	29/09/2010	4
<i>Atriplex patula</i>	Common Orache	flowering plant	31/05/2008	22/08/2009	7
<i>Atriplex prostrata</i>	Spear-leaved Orache	flowering plant	30/08/2005	31/05/2011	8
<i>Silene coronaria</i>	Rose Campion	flowering plant	31/12/1999	-	1
<i>Glyceria fluitans</i>	Floating Sweet-grass	flowering plant	16/01/1991	17/07/2010	7
<i>Agrostis capillaris</i>	Common Bent	flowering plant	21/07/1987	03/07/2010	17
<i>Agrostis gigantea</i>	Black Bent	flowering plant	24/02/2008	11/07/2011	4
<i>Agrostis stolonifera</i>	Creeping Bent	flowering plant	21/07/1987	17/07/2010	25
<i>Polypogon monspeliensis</i>	Annual Beard-grass	flowering plant	02/07/2011	-	1
<i>Alopecurus geniculatus</i>	Marsh Foxtail	flowering plant	04/09/1996	30/05/2011	7
<i>Alopecurus myosuroides</i>	Black-grass	flowering plant	12/07/2008	14/07/2009	3
<i>Alopecurus pratensis</i>	Meadow Foxtail	flowering plant	21/07/1987	17/07/2010	14
<i>Festuca pratensis</i>	Meadow Fescue	flowering plant	21/07/1987	04/07/2009	15
<i>Phleum pratense</i>	Timothy	flowering plant	21/07/1987	29/09/2010	13
<i>Anthoxanthum odoratum</i>	Sweet Vernal-grass	flowering plant	21/07/1987	03/07/2010	13
<i>Glyceria maxima</i>	Reed Sweet-grass	flowering plant	03/05/2008	17/07/2010	4
<i>Glyceria notata</i>	Plicate Sweet-grass	flowering plant	11/06/2008	-	1
<i>Melica uniflora</i>	Wood Melick	flowering plant	31/12/1981	04/07/2009	14
<i>Bromus diandrus</i>	Great Brome	flowering plant	31/12/1978	-	1
<i>Bromus hordeaceus subsp. hordeaceus</i>	Common Soft-brome	flowering plant	08/05/2008	02/06/2011	6
<i>Bromus racemosus</i>	Smooth Brome	flowering plant	30/05/2011	02/06/2011	3
<i>Bromus secalinus</i>	Rye Brome	flowering plant	05/06/2008	22/08/2010	2
<i>Bromus sterilis</i>	Barren Brome	flowering plant	23/08/2004	03/07/2010	8
<i>Phleum bertolonii</i>	Smaller Cat's-tail	flowering plant	21/07/1987	03/07/2010	9
<i>Arrhenatherum elatius</i>	False Oat-grass	flowering plant	21/07/1987	04/07/2009	20
<i>Crataegus laevigata</i>	Midland Hawthorn	flowering plant	25/05/2008	04/07/2009	4
<i>Vulpia bromoides</i>	Squirreltail Fescue	flowering plant	05/06/2008	30/05/2011	2
<i>Cynosurus cristatus</i>	Crested Dog's-tail	flowering plant	21/07/1987	12/07/2008	13
<i>Poa annua</i>	Annual Meadow-grass	flowering plant	04/09/1996	17/07/2010	16
<i>Poa nemoralis</i>	Wood Meadow-grass	flowering plant	31/12/1999	10/07/2008	6
<i>Poa pratensis</i>	Smooth Meadow-grass	flowering plant	29/07/1991	04/07/2009	9
<i>Poa trivialis</i>	Rough Meadow-grass	flowering plant	21/07/1987	17/07/2010	12
<i>Dactylis glomerata</i>	Cock's-foot	flowering plant	21/07/1987	03/07/2010	21
<i>Agrostis canina</i>	Velvet Bent	flowering plant	03/09/1991	29/09/2010	3
<i>Helictotrichon pratense</i>	Meadow Oat-grass	flowering plant	21/07/1987	-	1
<i>Phalaris arundinacea</i>	Reed Canary-grass	flowering plant	02/08/1991	22/08/2010	5
<i>Avena fatua</i>	Wild-oat	flowering plant	22/08/2009	06/09/2010	2
<i>Trisetum flavescens</i>	Yellow Oat-grass	flowering plant	04/07/2009	-	1
<i>Deschampsia cespitosa</i>	Tufted Hair-Grass	flowering plant	21/07/1987	17/07/2010	15
<i>Deschampsia flexuosa</i>	Wavy Hair-grass	flowering plant	23/02/1989	17/08/1993	2
<i>Holcus lanatus</i>	Yorkshire-fog	flowering plant	21/07/1987	03/07/2010	27
<i>Holcus mollis</i>	Creeping Soft-grass	flowering plant	29/07/1991	03/07/2010	10
<i>Aira praecox</i>	Early Hair-grass	flowering plant	17/08/1993	31/12/1999	3

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<i>Brachypodium sylvaticum</i>	False-brome	flowering plant	31/12/1999	04/07/2009	12
<i>Catapodium rigidum</i>	Fern-grass	flowering plant	04/07/2009	-	1
<i>Cardamine pratensis</i>	Cuckooflower	flowering plant	31/12/1999	31/05/2008	11
<i>Bromopsis erecta</i>	Upright Brome	flowering plant	29/07/1991	30/05/2011	3
<i>Arabidopsis thaliana</i>	Thale Cress	flowering plant	01/05/2008	02/05/2009	2
<i>Capsella bursa-pastoris</i>	Shepherd's-purse	flowering plant	15/01/2006	30/05/2011	7
<i>Barbarea vulgaris</i>	Winter-cress	flowering plant	08/05/2008	09/05/2010	7
<i>Rorippa nasturtium-aquaticum</i> agg.	Water Cress	flowering plant	30/05/2011	-	1
<i>Rorippa amphibia</i>	Great Yellow-cress	flowering plant	31/05/2008	-	2
<i>Rorippa islandica</i>	Northern Yellow-cress	flowering plant	31/05/1997	-	1
<i>Rorippa palustris</i>	Marsh Yellow-cress	flowering plant	04/09/1996	30/05/2011	2
<i>Tropaeolum majus</i>	Nasturtium	flowering plant	31/12/1999	-	1
<i>Cardamine hirsuta</i>	Hairy Bitter-cress	flowering plant	31/12/1999	10/07/2008	9
<i>Myriophyllum aquaticum</i>	Parrot's-feather	flowering plant	03/07/2010	-	1
<i>Lepidium campestre</i>	Field Pepperwort	flowering plant	22/08/2010	-	1
<i>Lepidium coronopus</i>	Swine-cress	flowering plant	04/09/1996	12/07/2008	3
<i>Lepidium didymum</i>	Lesser Swine-cress	flowering plant	15/01/2006	31/07/2008	5
<i>Lepidium draba</i>	Hoary Cress	flowering plant	30/05/2011	-	1
<i>Lunaria annua</i>	Honesty	flowering plant	04/07/2009	16/04/2015	2
<i>Lactuca serriola</i>	Prickly Lettuce	flowering plant	23/08/2004	30/05/2011	4
<i>Sinapis arvensis</i>	Charlock	flowering plant	31/05/2008	30/05/2011	5
<i>Sisymbrium officinale</i>	Hedge Mustard	flowering plant	31/05/2008	30/05/2011	5
<i>Cardamine flexuosa</i>	Wavy Bitter-cress	flowering plant	25/04/1991	04/07/2009	10
<i>Ribes nigrum</i>	Black Currant	flowering plant	13/06/2008	02/05/2009	2
<i>Festuca ovina</i>	Sheep's-fescue	flowering plant	31/12/1999	-	2
<i>Elymus caninus</i>	Bearded Couch	flowering plant	22/08/2010	-	1
<i>Elytrigia repens</i>	Common Couch	flowering plant	20/04/2004	29/09/2010	9
<i>Hordeum murinum</i>	Wall Barley	flowering plant	31/05/2008	-	1
<i>Hordeum secalinum</i>	Meadow Barley	flowering plant	21/07/1987	22/08/2010	7
<i>Triticum aestivum</i>	Bread Wheat	flowering plant	03/07/2010	06/09/2010	2
<i>Molinia caerulea</i>	Purple Moor-grass	flowering plant	23/02/1989	21/07/2009	5
<i>Phragmites australis</i>	Common Reed	flowering plant	11/06/2008	03/07/2010	2
<i>Reseda luteola</i>	Weld	flowering plant	23/08/2010	-	1
<i>Ceratophyllum demersum</i>	Rigid Hornwort	flowering plant	30/08/2005	-	1
<i>Bromopsis ramosa</i>	Hairy-brome	flowering plant	10/07/2008	22/08/2010	4
<i>Ribes rubrum</i>	Red Currant	flowering plant	31/12/1999	30/05/2011	6
<i>Ribes uva-crispa</i>	Gooseberry	flowering plant	25/04/1991	04/04/2010	4
<i>Chrysosplenium oppositifolium</i>	Opposite-leaved Golden-saxifrage	flowering plant	31/12/1999	29/03/2009	6
<i>Tellima grandiflora</i>	Fringecups	flowering plant	05/05/2008	-	1
<i>Umbilicus rupestris</i>	Navelwort	flowering plant	29/10/2006	05/07/2008	3
<i>Sempervivum tectorum</i>	House-leek	flowering plant	04/07/2009	-	1
<i>Sedum dasyphyllum</i>	Thick-leaved Stonecrop	flowering plant	28/02/2000	-	1
<i>Sedum spectabile</i>	Butterfly Stonecrop	flowering plant	10/05/2005	-	1
<i>Echinochloa crus-galli</i>	Cockspur	flowering plant	29/09/2010	-	1

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<i>Juncus articulatus</i>	Jointed Rush	flowering plant	31/12/1981	03/07/2010	2
<i>Humulus lupulus</i>	Hop	flowering plant	31/12/1999	22/08/2010	5
<i>Urtica dioica</i>	Common Nettle	flowering plant	21/07/1987	31/12/2011	37
<i>Urtica urens</i>	Small Nettle	flowering plant	10/05/2005	-	1
<i>Sparganium erectum</i>	Branched Bur-reed	flowering plant	29/07/1991	23/08/2010	5
<i>Typha</i>		flowering plant	12/05/2015	-	1
<i>Typha latifolia</i>	Bulrush	flowering plant	30/08/2005	03/07/2010	11
<i>Juncus</i>	Rush	flowering plant	31/05/1997	-	1
<i>Festuca rubra</i>	Red Fescue	flowering plant	21/07/1987	12/05/2015	20
<i>Juncus acutiflorus</i>	Sharp-flowered Rush	flowering plant	31/12/1999	06/09/2010	6
<i>Ulmus</i>	Elm	flowering plant	20/04/2004	22/08/2009	9
<i>Juncus bufonius</i>	Toad Rush	flowering plant	31/12/1999	-	2
<i>Juncus bulbosus</i>	Bulbous Rush	flowering plant	31/12/1981	31/12/1999	2
<i>Juncus conglomeratus</i>	Compact Rush	flowering plant	21/07/1987	22/08/2010	8
<i>Juncus effusus</i>	Soft-rush	flowering plant	31/12/1981	03/06/2015	31
<i>Juncus inflexus</i>	Hard Rush	flowering plant	31/12/1981	17/07/2010	18
<i>Luzula campestris</i>	Field Wood-rush	flowering plant	31/12/1999	16/04/2011	8
<i>Luzula forsteri</i>	Southern Wood-rush	flowering plant	31/05/2008	30/04/2009	3
<i>Luzula multiflora</i>	Heath Wood-rush	flowering plant	17/08/1993	06/09/2010	4
<i>Juncus bufonius</i> agg.	Toad Rush agg.	flowering plant	05/06/2008	31/07/2008	3
<i>Aphanes arvensis</i>	Parsley-piert	flowering plant	31/12/1999	23/08/2010	3
<i>Filipendula ulmaria</i>	Meadowsweet	flowering plant	29/08/1989	31/05/2011	9
<i>Rubus fruticosus</i> agg.	Bramble	flowering plant	23/02/1989	12/05/2015	37
<i>Rubus idaeus</i>	Raspberry	flowering plant	30/05/2011	31/05/2011	2
<i>Rubus boraeanus</i>	Bramble	flowering plant	12/07/2011	-	1
<i>Fragaria vesca</i>	Wild Strawberry	flowering plant	31/12/1999	22/08/2010	6
<i>Geum urbanum</i>	Wood Avens	flowering plant	29/08/1989	08/07/2013	26
<i>Agrimonia eupatoria</i>	Agrimony	flowering plant	21/07/1987	06/09/2010	15
<i>Agrimonia procera</i>	Fragrant Agrimony	flowering plant	30/04/2010	-	1
<i>Ulmus procera</i>	English Elm	flowering plant	25/04/1991	06/09/2010	11
<i>Aphanes arvensis</i> agg.	Parsley Piert	flowering plant	24/02/2008	30/04/2009	2
<i>Ulmus glabra</i>	Wych Elm	flowering plant	09/05/2006	-	1
<i>Rosa</i>	Rose	flowering plant	25/05/2008	12/05/2015	3
<i>Rosa canina</i> agg.	Dog Rose	flowering plant	04/09/1996	30/08/2005	5
<i>Rosa arvensis</i>	Field-rose	flowering plant	25/04/1991	03/07/2010	13
<i>Rosa canina</i>	Dog-rose	flowering plant	09/09/1991	20/05/2011	14
<i>Rosa multiflora</i>	Many-flowered Rose	flowering plant	31/05/2011	-	1
<i>Rosa stylosa</i>	Short-styled Field-rose	flowering plant	30/05/2011	-	1
<i>Frangula alnus</i>	Alder Buckthorn	flowering plant	31/12/1981	06/09/2010	3
<i>Eriophorum angustifolium</i>	Common Cottongrass	flowering plant	31/12/1999	04/06/2015	2
<i>Alchemilla mollis</i>	Garden Lady's-mantle	flowering plant	10/07/2008	22/08/2010	2
<i>Milium effusum</i>	Wood Millet	flowering plant	31/12/1999	14/07/2009	4
<i>Luzula multiflora</i> subsp. <i>congesta</i>	Heath Wood-Rush	flowering plant	31/12/1999	-	1
<i>Carex pilulifera</i>	Pill Sedge	flowering plant	31/12/1999	06/09/2010	2

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<i>Carex remota</i>	Remote Sedge	flowering plant	16/01/1991	31/05/2011	15
<i>Carex rostrata</i>	Bottle Sedge	flowering plant	31/12/1981	-	1
<i>Carex spicata</i>	Spiked Sedge	flowering plant	30/05/2011	-	1
<i>Carex strigosa</i>	Thin-spiked Wood-sedge	flowering plant	03/05/2010	09/05/2010	4
<i>Carex sylvatica</i>	Wood-sedge	flowering plant	09/09/1991	30/04/2010	12
<i>Carex viridula subsp. oedocarpa</i>	Common Yellow-sedge	flowering plant	31/12/1999	06/09/2010	3
<i>Carex paniculata</i>	Greater Tussock-sedge	flowering plant	31/12/1999	-	2
<i>Nardus stricta</i>	Mat-grass	flowering plant	10/05/2005	-	1
<i>Carex panicea</i>	Carnation Sedge	flowering plant	31/12/1999	-	1
<i>Lolium multiflorum</i>	Italian Rye-grass	flowering plant	30/05/2011	-	1
<i>Lolium perenne</i>	Perennial Rye-grass	flowering plant	21/07/1987	17/07/2010	18
<i>Festuca</i>	Fescue	flowering plant	16/01/1991	-	1
<i>Festuca ovina agg.</i>	Sheep's Fescue agg.	flowering plant	05/06/2008	-	1
<i>Festuca rubra agg.</i>	Red Fescue	flowering plant	31/12/1999	04/07/2009	2
<i>Festuca arundinacea</i>	Tall Fescue	flowering plant	29/07/1991	22/08/2010	13
<i>Festuca filiformis</i>	Fine-leaved Sheep's-fescue	flowering plant	10/05/2005	-	1
<i>Festuca gigantea</i>	Giant Fescue	flowering plant	29/06/2008	14/07/2009	3
<i>Sasa palmata</i>	Broad-leaved Bamboo	flowering plant	10/05/2005	20/05/2011	2
<i>Carex caryophylllea</i>	Spring-sedge	flowering plant	09/05/2010	-	2
<i>Alliaria petiolata</i>	Garlic Mustard	flowering plant	25/04/1991	20/05/2011	14
<i>Eriophorum vaginatum</i>	Hare's-tail Cottongrass	flowering plant	29/05/1978	-	1
<i>Scirpus sylvaticus</i>	Wood Club-rush	flowering plant	31/12/1999	03/07/2010	6
<i>Schoenoplectus lacustris</i>	Common Club-rush	flowering plant	23/08/2010	-	1
<i>Eleocharis multicaulis</i>	Many-stalked Spike-rush	flowering plant	31/12/1999	-	2
<i>Eleocharis palustris</i>	Common Spike-rush	flowering plant	09/05/2010	17/07/2010	3
<i>Cyperus longus</i>	Galingale	flowering plant	30/08/2005	-	1
<i>Carex</i>	Sedge	flowering plant	16/01/1991	-	1
<i>Carex pendula</i>	Pendulous Sedge	flowering plant	16/01/1991	03/07/2010	17
<i>Carex canescens</i>	White Sedge	flowering plant	24/08/2001	03/05/2004	2
<i>Luzula sylvatica</i>	Great Wood-rush	flowering plant	23/02/1989	-	1
<i>Carex divulsa subsp. divulsa</i>	Grey Sedge	flowering plant	15/01/2006	06/09/2010	10
<i>Carex flacca</i>	Glaucous Sedge	flowering plant	29/07/1991	14/07/2009	7
<i>Carex hirta</i>	Hairy Sedge	flowering plant	21/07/1987	17/07/2010	12
<i>Carex laevigata</i>	Smooth-stalked Sedge	flowering plant	31/05/2008	10/07/2008	2
<i>Carex leporina</i>	Oval Sedge	flowering plant	31/12/1999	14/07/2009	3
<i>Carex muricata</i>	Prickly Sedge	flowering plant	31/12/1999	-	2
<i>Carex muricata subsp. muricata</i>	Large-fruited Prickly-sedge	flowering plant	31/07/2008	-	1
<i>Carex otrubae</i>	False Fox-sedge	flowering plant	31/05/2008	04/07/2009	3
<i>Carex acuta</i>	Slender Tufted-sedge	flowering plant	03/05/2004	-	1
<i>Hedera helix</i>	Ivy	flowering plant	23/02/1989	27/08/2008	25
<i>Aethusa cynapium</i>	Fool's Parsley	flowering plant	31/05/2008	06/08/2011	4
<i>Oenanthe crocata</i>	Hemlock Water-dropwort	flowering plant	02/08/1991	03/07/2010	14
<i>Sium latifolium</i>	Greater Water-parsnip	flowering plant	31/12/1988	17/05/2004	3
<i>Pimpinella saxifraga</i>	Burnet-saxifrage	flowering plant	29/07/1991	-	2

Latin Name	Common Name	Taxon Group	First Date	Last Date	No. of Rec's
<i>Conopodium majus</i>	Pignut	flowering plant	29/04/2006	02/05/2009	7
<i>Scandix pecten-veneris</i>	Shepherd's-needle	flowering plant	31/12/1979	30/05/2011	7
<i>Anthriscus sylvestris</i>	Cow Parsley	flowering plant	21/07/1987	03/07/2010	16
<i>Chaerophyllum temulum</i>	Rough Chervil	flowering plant	19/02/2008	06/08/2011	4
<i>Symphoricarpos albus</i>	Snowberry	flowering plant	08/05/2008	02/05/2009	4
<i>Hydrocotyle vulgaris</i>	Marsh Pennywort	flowering plant	31/12/1999	21/07/2009	2
<i>Apium nodiflorum</i>	Fool's-water-cress	flowering plant	16/01/1991	30/04/2009	11
<i>Succisa pratensis</i>	Devil's-bit Scabious	flowering plant	29/03/2009	09/10/2010	7
<i>Dipsacus fullonum</i>	Wild Teasel	flowering plant	08/05/2008	29/09/2010	5
<i>Dipsacus fullonum</i>	Wild Teasel	flowering plant	31/12/1999	29/04/2006	3
<i>Centranthus ruber</i>	Red valerian	flowering plant	10/05/2005	-	1
<i>Valeriana officinalis</i>	Common Valerian	flowering plant	31/12/1999	04/06/2015	3
<i>Valerianella locusta</i>	Common Cornsalad	flowering plant	31/05/2011	-	1
<i>Lonicera periclymenum</i>	Honeysuckle	flowering plant	23/02/1989	31/12/2011	33
<i>Lonicera nitida</i>	Wilson's Honeysuckle	flowering plant	15/01/2006	-	1
<i>Leycesteria formosa</i>	Himalayan Honeysuckle	flowering plant	05/07/2008	-	1
<i>Sanicula europaea</i>	Sanicle	flowering plant	29/08/1989	30/05/2011	5
<i>Symphytum officinale</i>	Common Comfrey	flowering plant	14/11/2011	-	1
<i>Sonchus oleraceus</i>	Smooth Sow-thistle	flowering plant	23/08/2004	03/07/2010	11
<i>Cynoglossum officinale</i>	Hound's-tongue	flowering plant	23/08/2010	-	1
<i>Myosotis sylvatica</i>	Wood Forget-me-not	flowering plant	02/05/2004	03/05/2010	6
<i>Myosotis scorpioides</i>	Water Forget-me-not	flowering plant	29/07/1991	22/08/2010	4
<i>Myosotis laxa</i>	Tufted Forget-me-not	flowering plant	04/07/2009	-	1
<i>Myosotis discolor</i>	Changing Forget-me-not	flowering plant	09/05/2006	05/06/2008	3
<i>Myosotis arvensis</i>	Field Forget-me-not	flowering plant	31/12/1999	03/07/2010	17
<i>Borago officinalis</i>	Borage	flowering plant	29/09/2010	-	1
<i>Pentaglottis sempervirens</i>	Green Alkanet	flowering plant	31/12/1999	08/07/2013	7
<i>Silau silaus</i>	Pepper-saxifrage	flowering plant	21/07/1987	22/08/2010	13
<i>Symphytum officinale x asperum</i> = <i>S. x uplan</i>	Russian Comfrey	flowering plant	10/05/2005	06/09/2010	4
<i>Conium maculatum</i>	Hemlock	flowering plant	24/02/2008	-	1
<i>Daucus carota subsp. carota</i>	Wild Carrot	flowering plant	04/09/1996	30/05/2011	3
<i>Daucus carota</i>	Carrot	flowering plant	21/07/1987	12/07/2008	5
<i>Torilis japonica</i>	Upright Hedge-parsley	flowering plant	04/09/1996	22/08/2010	7
<i>Heracleum sphondylium</i>	Hogweed	flowering plant	21/07/1987	31/07/2008	19
<i>Heracleum mantegazzianum</i>	Giant Hogweed	flowering plant	14/07/2009	-	1
<i>Pastinaca sativa</i>	Wild Parsnip	flowering plant	22/08/2009	-	1
<i>Angelica sylvestris</i>	Wild Angelica	flowering plant	31/12/1999	31/05/2011	14
<i>Sison amomum</i>	Stone Parsley	flowering plant	30/08/2005	03/07/2010	9
<i>Aegopodium podagraria</i>	Ground-elder	flowering plant	30/08/2005	03/05/2010	7
<i>Anchusa arvensis</i>	Bugloss	flowering plant	04/06/2015	-	1
<i>Gnaphalium uliginosum</i>	Marsh Cudweed	flowering plant	04/09/1996	30/05/2011	9
<i>Artemisia vulgaris</i>	Mugwort	flowering plant	04/09/1996	04/07/2009	6
<i>Artemisia biennis</i>	Slender Mugwort	flowering plant	31/12/1969	-	1
<i>Tanacetum vulgare</i>	Tansy	flowering plant	22/08/2009	-	1



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<i>Tanacetum parthenium</i>	Feverfew	flowering plant	15/01/2006	30/05/2011	2
<i>Bellis perennis</i>	Daisy	flowering plant	21/07/1987	12/05/2015	18
<i>Conyza sumatrensis</i>	Guernsey Fleabane	flowering plant	28/08/2006	-	1
<i>Conyza canadensis</i>	Canadian Fleabane	flowering plant	22/08/2009	-	1
<i>Erigeron karvinskianus</i>	Mexican Fleabane	flowering plant	15/01/2006	-	1
<i>Aster</i> agg.		flowering plant	23/08/2010	-	1
<i>Achillea millefolium</i>	Yarrow	flowering plant	21/07/1987	06/09/2010	18
<i>Pulicaria dysenterica</i>	Common Fleabane	flowering plant	21/07/1987	03/07/2010	21
<i>Taraxacum</i> agg.		flowering plant	10/05/2005	09/05/2006	3
<i>Pilosella officinarum</i>	Mouse-ear-hawkweed	flowering plant	31/12/1999	-	2
<i>Crepis vesicaria</i>	Beaked Hawk's-beard	flowering plant	05/06/2008	-	1
<i>Crepis capillaris</i>	Smooth Hawk's-beard	flowering plant	31/12/1999	14/07/2009	7
<i>Taraxacum officinale</i> agg.	Dandelion	flowering plant	21/07/1987	20/04/2004	10
<i>Viburnum opulus</i>	Guelder-rose	flowering plant	16/04/2011	-	1
<i>Taraxacum</i> sect. <i>Ruderalia</i>		flowering plant	17/07/2010	-	1
<i>Berula erecta</i>	Lesser Water-parsnip	flowering plant	31/12/2002	-	1
<i>Mycelis muralis</i>	Wall Lettuce	flowering plant	05/05/2008	-	1
<i>Sonchus asper</i>	Prickly Sow-thistle	flowering plant	23/08/2004	03/07/2010	8
<i>Solidago canadensis</i>	Canadian Goldenrod	flowering plant	31/12/1999	-	2
<i>Eupatorium cannabinum</i>	Hemp-agrimony	flowering plant	31/12/1999	06/09/2010	8
<i>Taraxacum</i>	Dandelion Agg.	flowering plant	23/08/2004	20/05/2011	6
<i>Achillea ptarmica</i>	Sneezewort	flowering plant	21/07/1987	09/10/2010	6
<i>Sambucus nigra</i>	Elder	flowering plant	23/02/1989	20/05/2011	28
<i>Adoxa moschatellina</i>	Moschatel	flowering plant	29/08/1989	28/03/2009	13
<i>Bidens tripartita</i>	Trifid Bur-marigold	flowering plant	23/08/2010	-	1
<i>Bidens cernua</i>	Nodding Bur-marigold	flowering plant	17/07/2010	-	1
<i>Petasites fragrans</i>	Winter Heliotrope	flowering plant	09/02/2005	29/03/2009	6
<i>Tussilago farfara</i>	Colt's-foot	flowering plant	30/08/2005	06/09/2010	5
<i>Senecio vulgaris</i>	Groundsel	flowering plant	23/08/2004	31/07/2008	6
<i>Senecio squalidus</i>	Oxford Ragwort	flowering plant	21/07/1987	29/09/2010	4
<i>Senecio jacobaea</i>	Ragwort	flowering plant	29/07/1991	03/07/2010	21
<i>Leucanthemum lacustre</i> x <i>maximum</i> = <i>L. x su</i>	Shasta Daisy	flowering plant	31/12/1999	-	1
<i>Senecio aquaticus</i>	Marsh Ragwort	flowering plant	17/07/2010	02/09/2011	2
<i>Tripleurospermum inodorum</i>	Scentless Mayweed	flowering plant	04/09/1996	31/07/2008	9
<i>Matricaria discoidea</i>	Pineappleweed	flowering plant	15/01/2006	30/05/2011	7
<i>Matricaria chamomilla</i>	Scented Mayweed	flowering plant	05/06/2008	29/09/2010	4
<i>Leucanthemum vulgare</i>	Oxeye Daisy	flowering plant	21/07/1987	03/07/2010	12
<i>Leucanthemum maximum</i>		flowering plant	31/12/1999	-	1
<i>Anthemis cotula</i>	Stinking Chamomile	flowering plant	11/07/2011	-	1
<i>Chamaemelum nobile</i>	Chamomile	flowering plant	04/09/1996	30/05/2011	3
<i>Senecio erucifolius</i>	Hoary Ragwort	flowering plant	31/07/2008	29/09/2010	4
<i>Planorbis planorbis</i>	Margined Ramshorn	mollusc	31/12/2004	31/05/2006	6
<i>Gyraulus (Gyraulus) albus</i>	White Ramshorn	mollusc	31/12/2004	-	3
<i>Anisus (Disculifer) vorticulus</i>	Little Whirlpool Ram's-horn Snail	mollusc	31/12/2004	31/05/2006	3

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<i>Anisus (Disculifer) vortex</i>	Whirlpool Ramshorn	mollusc	31/12/2004	31/05/2006	6
<i>Radix balthica</i>	Wandering Snail	mollusc	31/05/2006	-	1
<i>Lymnaea (Stagnicola) palustris</i>	Marsh Pond Snail	mollusc	31/12/2004	31/05/2006	4
<i>Arion (Arion) ater</i>	Large Black Slug	mollusc	31/12/1981	-	1
<i>Lymnaea stagnalis</i>	Great Pond Snail	mollusc	31/12/2004	-	1
<i>Acroloxus lacustris</i>	Lake limpets	mollusc	31/12/2004	-	1
<i>Radix peregra</i>	Wandering Snail	mollusc	31/12/2004	31/12/2005	5
<i>Hippeutis complanatus</i>	Flat Ramshorn	mollusc	31/12/2004	31/05/2006	3
<i>Pisidium pseudosphaerium</i>		mollusc	31/12/2004	31/05/2006	4
<i>Bithynia tentaculata</i>	Common Bithynia	mollusc	31/12/2004	31/05/2006	6
<i>Valvata cristata</i>	Flat Valve Snail	mollusc	31/12/2004	31/05/2006	4
<i>Pisidium obtusale</i>	Porous Pea Mussel	mollusc	31/05/2006	-	1
<i>Sphaerium corneum</i>	Horny Orb Mussel	mollusc	31/12/2004	31/05/2006	6
<i>Pisidium milium</i>	Rosy Pea Shell	mollusc	31/12/2004	31/05/2006	2
<i>Planorbarius corneus</i>	Great Ramshorn Snail	mollusc	31/12/2004	31/05/2006	6
<i>Aeshna cyanea</i>	Southern Hawker	insect - dragonfly (Odonata)	31/12/1974	17/08/2014	13
<i>Libellula quadrimaculata</i>	Four-spotted Chaser	insect - dragonfly (Odonata)	31/12/1981	04/06/2015	8
<i>Ischnura elegans</i>	Blue-tailed Damselfly	insect - dragonfly (Odonata)	31/12/1978	08/08/2003	17
<i>Sympetrum striolatum</i>	Common Darter	insect - dragonfly (Odonata)	31/12/1981	17/08/2014	13
<i>Sympetrum sanguineum</i>	Ruddy Darter	insect - dragonfly (Odonata)	31/12/1945	13/09/2008	9
<i>Sympetrum fonscolombii</i>	Red-veined Darter	insect - dragonfly (Odonata)	23/09/2006	-	1
<i>Sympetrum flaveolum</i>	Yellow-winged Darter	insect - dragonfly (Odonata)	10/08/1995	-	1
<i>Sympetrum danae</i>	Black Darter	insect - dragonfly (Odonata)	31/12/1981	07/09/2015	4
<i>Orthetrum cancellatum</i>	Black-tailed Skimmer	insect - dragonfly (Odonata)	08/08/2003	-	1
<i>Lestes sponsa</i>	Emerald Damselfly	insect - dragonfly (Odonata)	29/07/1994	13/09/2008	7
<i>Pyrrhosoma nymphula</i>	Large Red Damselfly	insect - dragonfly (Odonata)	31/12/1981	04/06/2015	12
<i>Aeshna grandis</i>	Brown Hawker	insect - dragonfly (Odonata)	31/12/1978	09/09/2013	7
<i>Erythromma najas</i>	Red-eyed Damselfly	insect - dragonfly (Odonata)	31/12/1978	10/07/2013	6
<i>Enallagma cyathigerum</i>	Common Blue Damselfly	insect - dragonfly (Odonata)	10/08/1995	-	2
<i>Coenagrion puella</i>	Azure Damselfly	insect - dragonfly (Odonata)	31/12/1974	27/05/2012	23
<i>Ceragrion tenellum</i>	Small Red Damselfly	insect - dragonfly (Odonata)	30/07/1995	13/06/2004	4
<i>Calopteryx virgo</i>	Beautiful Demoiselle	insect - dragonfly (Odonata)	20/05/2011	10/07/2013	5
<i>Anax imperator</i>	Emperor Dragonfly	insect - dragonfly (Odonata)	29/07/1994	08/08/2003	10
<i>Aeshna mixta</i>	Migrant Hawker	insect - dragonfly (Odonata)	29/07/1994	08/08/2013	2
<i>Libellula depressa</i>	Broad-bodied Chaser	insect - dragonfly (Odonata)	31/12/1974	27/05/2012	8
<i>Nemurella pictetii</i>		insect - stonefly (Plecoptera)	27/04/1999	-	1
<i>Isoperla grammatica</i>		insect - stonefly (Plecoptera)	27/04/1999	-	1
<i>Chorthippus brunneus</i>	Field Grasshopper	insect - orthopteran	31/12/1993	06/08/2004	7
<i>Pholidoptera griseoptera</i>	Dark Bush-cricket	insect - orthopteran	31/12/1993	15/09/2001	2
<i>Metriopectera brachyptera</i>	Bog Bush-cricket	insect - orthopteran	31/12/1993	10/06/2004	2
<i>Tetrix undulata</i>	Common Ground-hopper	insect - orthopteran	15/09/2001	-	1
<i>Tetrix subulata</i>	Slender Ground-hopper	insect - orthopteran	07/09/2015	-	1
<i>Leptophyes punctatissima</i>	Speckled Bush-cricket	insect - orthopteran	10/06/2004	-	1
<i>Meconema thalassinum</i>	Oak Bush-cricket	insect - orthopteran	10/06/2004	-	1

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<i>Chorthippus parallelus</i>	Meadow Grasshopper	insect - orthopteran	15/09/2001	14/09/2005	6
<i>Conocephalus fuscus</i>	Long-winged Cone-head	insect - orthopteran	15/09/2001	06/08/2004	3
<i>Conocephalus dorsalis</i>	Short-winged Cone-head	insect - orthopteran	06/08/2004	-	2
<i>Stenobothrus lineatus</i>	Stripe-winged Grasshopper	insect - orthopteran	06/08/2004	-	2
<i>Omocestus viridulus</i>	Common Green Grasshopper	insect - orthopteran	31/12/1993	-	1
<i>Omocestus rufipes</i>	Woodland Grasshopper	insect - orthopteran	06/10/2002	-	1
<i>Myrmeleotettix maculatus</i>	Mottled Grasshopper	insect - orthopteran	31/12/1993	14/09/2005	6
<i>Gryllus campestris</i>	Field Cricket	insect - orthopteran	04/06/2015	-	4
<i>Forficula lesnei</i>	Lesne's Earwig	insect - earwig (Dermaptera)	31/05/2000	-	1
<i>Forficula auricularia</i>	Common Earwig	insect - earwig (Dermaptera)	06/08/2004	-	1
<i>Ectobius lapponicus</i>	Dusky Cockroach	insect - cockroach (Dictyoptera)	14/09/2005	-	1
<i>Nabis (Nabis) ericetorum</i>	Heath Damselbug	insect - true bug (Hemiptera)	31/12/1993	06/08/2004	2
<i>Miridius quadrivirgatus</i>		insect - true bug (Hemiptera)	31/12/1993	-	1
<i>Blepharidopterus angulatus</i>	Black-Kneed Apple Capsid	insect - true bug (Hemiptera)	06/08/2004	-	1
<i>Closterotomus norvegicus</i>	Potato Capsid	insect - true bug (Hemiptera)	31/12/1993	-	1
<i>Grypocoris (Lophyromiris) stysi</i>		insect - true bug (Hemiptera)	06/08/2004	-	1
<i>Heterocordylus (Heterocordylus) tibialis</i>		insect - true bug (Hemiptera)	06/08/2004	-	1
<i>Lygocoris (Lygocoris) rugicollis</i>	Apple Capsid	insect - true bug (Hemiptera)	17/06/2012	-	1
<i>Acetropis (Acetropis) gimmerthalii</i>		insect - true bug (Hemiptera)	06/08/2004	-	1
<i>Orthotylus (Litocoris) ericetorum</i>		insect - true bug (Hemiptera)	31/12/1993	06/08/2004	2
<i>Phylus (Phylus) melanocephalus</i>		insect - true bug (Hemiptera)	06/08/2004	-	1
<i>Phytocoris (Ktenocoris) varipes</i>		insect - true bug (Hemiptera)	31/12/1993	06/08/2004	2
<i>Stenodema (Brachystira) calcarata</i>		insect - true bug (Hemiptera)	31/12/1993	-	1
<i>Himacerus (Himacerus) apterus</i>	Tree Damsel Bug	insect - true bug (Hemiptera)	31/12/1993	-	1
<i>Notonecta (Notonecta) glauca</i>	Common Backswimmer	insect - true bug (Hemiptera)	31/12/1981	-	1
<i>Stygnocoris sabulosus</i>		insect - true bug (Hemiptera)	06/08/2004	-	1
<i>Pithanus maerkelii</i>		insect - true bug (Hemiptera)	06/08/2004	-	1
<i>Trigonotylus ruficornis</i>		insect - true bug (Hemiptera)	06/08/2004	-	1
<i>Philaenus spumarius</i>	Cuckoo-Spit Insect	insect - true bug (Hemiptera)	31/12/1981	06/08/2004	2
<i>Orius (Heterorius) majusculus</i>		insect - true bug (Hemiptera)	11/05/2001	-	1
<i>Stenodema (Stenodema) laevigata</i>		insect - true bug (Hemiptera)	06/08/2004	-	1
<i>Aphrophora alni</i>		insect - true bug (Hemiptera)	06/08/2004	-	1
<i>Aphrophora major</i>		insect - true bug (Hemiptera)	06/08/2004	-	1
<i>Rhyarochromus pini</i>		insect - true bug (Hemiptera)	31/12/1993	-	1
<i>Neophilaenus lineatus</i>		insect - true bug (Hemiptera)	06/08/2004	-	1
<i>Graphocephala fennahi</i>	Rhododendron Leafhopper	insect - true bug (Hemiptera)	06/08/2004	-	1
<i>Alydus calcaratus</i>		insect - true bug (Hemiptera)	31/12/1993	-	1
<i>Coreus marginatus</i>	Dock Bug	insect - true bug (Hemiptera)	31/12/1993	-	1
<i>Gerris (Gerris) lacustris</i>	Common Pondskater	insect - true bug (Hemiptera)	31/12/1981	-	1
<i>Cymus melanocephalus</i>		insect - true bug (Hemiptera)	06/08/2004	-	1
<i>Gastrodes grossipes</i>	Pine Cone Bug	insect - true bug (Hemiptera)	06/08/2004	-	1
<i>Ischnodemus sabuleti</i>	European Cinchbug	insect - true bug (Hemiptera)	11/05/2001	-	1
<i>Kleidocerys ericae</i>		insect - true bug (Hemiptera)	06/08/2004	-	1
<i>Kleidocerys resedae</i>	Birch Catkin Bug	insect - true bug (Hemiptera)	31/12/1993	-	1

Latin Name	Common Name	Taxon Group	First Date	Last Date	No. of Rec's
<i>Conomelus anceps</i>		insect - true bug (Hemiptera)	06/08/2004	-	1
<i>Megalonotus praetextatus</i>		insect - true bug (Hemiptera)	31/12/1993	31/12/1996	2
<i>Macrodera micropterum</i>		insect - true bug (Hemiptera)	31/12/1993	-	1
<i>Phaeostigma notata</i>	Snake Fly	insect - snakefly (Raphidioptera)	31/12/1981	-	1
<i>Chrysopa pallens</i>		insect - lacewing (Neuroptera)	31/12/1981	-	1
<i>Tychius picirostris</i>		insect - beetle (Coleoptera)	13/06/2004	-	1
<i>Mecinus pyraeter</i>		insect - beetle (Coleoptera)	13/06/2004	-	1
<i>Mecinus pascuorum</i>		insect - beetle (Coleoptera)	13/06/2004	-	1
<i>Anthonomus (Anthonomus) rubi</i>	Strawberry-blossom Weevil	insect - beetle (Coleoptera)	13/06/2004	-	1
<i>Andrion regensteinense</i>		insect - beetle (Coleoptera)	11/06/2004	06/08/2004	2
<i>Paradromius linearis</i>		insect - beetle (Coleoptera)	06/10/2002	23/05/2007	5
<i>Calodromius spilotus</i>		insect - beetle (Coleoptera)	06/10/2002	14/09/2005	3
<i>Syntomus foveatus</i>		insect - beetle (Coleoptera)	31/12/1993	13/06/2004	2
<i>Ceutorhynchus obstructus</i>	Cabbage Seed Weevil	insect - beetle (Coleoptera)	11/06/2004	06/08/2004	2
<i>Glocianus punctiger</i>		insect - beetle (Coleoptera)	13/06/2004	-	1
<i>Nedus quadrimaculatus</i>	Small Nettle Weevil	insect - beetle (Coleoptera)	11/06/2004	06/08/2004	3
<i>Trichosirocalus troglodytes</i>		insect - beetle (Coleoptera)	13/06/2004	-	1
<i>Pelenomus comari</i>		insect - beetle (Coleoptera)	06/08/2004	-	2
<i>Rhinoncus castor</i>		insect - beetle (Coleoptera)	13/06/2004	06/08/2004	2
<i>Badister (Badister) bullatus</i>		insect - beetle (Coleoptera)	16/05/2002	-	1
<i>Phyllobius (Pamemoicus) roboretanus</i>	Small Green Nettle Weevil	insect - beetle (Coleoptera)	13/06/2004	-	1
<i>Pterostichus (Pseudomaseus) rhaeticus</i>		insect - beetle (Coleoptera)	24/03/2002	-	2
<i>Phyllobius (Subphyllobius) virideaeris</i>		insect - beetle (Coleoptera)	13/06/2004	-	1
<i>Philopodon plagiatus</i>	Marram Weevil	insect - beetle (Coleoptera)	13/06/2004	-	1
<i>Pterostichus (Argutor) diligens</i>		insect - beetle (Coleoptera)	04/08/2004	-	1
<i>Sitona (Sitona) lineatus</i>	Pea-leaf Weevil	insect - beetle (Coleoptera)	13/06/2004	06/08/2004	3
<i>Sitona (Sitona) lepidus</i>		insect - beetle (Coleoptera)	06/08/2004	-	2
<i>Cicindela campestris</i>	Green Tiger Beetle	insect - beetle (Coleoptera)	04/06/2015	-	1
<i>Notiophilus biguttatus</i>		insect - beetle (Coleoptera)	24/03/2002	-	1
<i>Elaphrus (Elaphrus) cupreus</i>		insect - beetle (Coleoptera)	13/06/2004	04/06/2015	3
<i>Bembidion (Metallina) lampros</i>		insect - beetle (Coleoptera)	23/05/2007	-	1
<i>Bembidion (Trepanedoris) doris</i>		insect - beetle (Coleoptera)	04/08/2004	-	1
<i>Bembidion (Trepanes) articulatum</i>		insect - beetle (Coleoptera)	04/08/2004	-	1
<i>Abax parallelepipedus</i>		insect - beetle (Coleoptera)	24/03/2002	-	1
<i>Pterostichus (Pseudomaseus) minor</i>		insect - beetle (Coleoptera)	06/10/2002	04/08/2004	2
<i>Acupalpus dubius</i>		insect - beetle (Coleoptera)	14/09/2005	-	1
<i>Agonum (Europhilus) fuliginosum</i>		insect - beetle (Coleoptera)	04/08/2004	-	1
<i>Agonum (Europhilus) gracile</i>		insect - beetle (Coleoptera)	15/09/2001	-	1
<i>Agonum (Agonum) sexpunctatum</i>		insect - beetle (Coleoptera)	23/05/2007	-	1
<i>Amara (Amara) aenea</i>	Common Sun Beetle	insect - beetle (Coleoptera)	11/05/2001	-	1
<i>Harpalus (Harpalus) affinis</i>		insect - beetle (Coleoptera)	31/12/1993	-	1
<i>Harpalus (Harpalus) rubripes</i>		insect - beetle (Coleoptera)	11/05/2001	16/05/2002	2
<i>Harpalus (Harpalus) tardus</i>		insect - beetle (Coleoptera)	23/05/2007	-	1
<i>Bradycellus harpalinus</i>		insect - beetle (Coleoptera)	23/05/2007	-	1

Latin Name	Common Name	Taxon Group	First Date	Last Date	No. of Rec's
<i>Bembidion (Philochthus) lunulatum</i>		insect - beetle (Coleoptera)	04/08/2004	-	1
<i>Oedemera (Oedemera) nobilis</i>	Swollen-thighed Beetle	insect - beetle (Coleoptera)	11/06/2004	06/08/2004	3
<i>Polydrusus (Eurodrusus) confluent</i>		insect - beetle (Coleoptera)	11/06/2004	06/08/2004	2
<i>Donacia simplex</i>		insect - beetle (Coleoptera)	11/06/2004	06/08/2004	2
<i>Donacia semicuprea</i>		insect - beetle (Coleoptera)	31/12/1981	-	1
<i>Donacia marginata</i>		insect - beetle (Coleoptera)	31/12/1993	06/08/2004	3
<i>Bruchidius villosus</i>		insect - beetle (Coleoptera)	11/06/2004	06/08/2004	2
<i>Rutpela maculata</i>		insect - beetle (Coleoptera)	16/07/2013	-	1
<i>Pseudovadonia livida</i>		insect - beetle (Coleoptera)	13/06/2004	-	1
<i>Grammoptera ruficornis</i>		insect - beetle (Coleoptera)	11/06/2004	06/08/2004	2
<i>Prionus coriarius</i>	Tanner Beetle	insect - beetle (Coleoptera)	30/07/2014	-	1
<i>Plateumaris sericea</i>		insect - beetle (Coleoptera)	11/06/2004	06/08/2004	2
<i>Notoxus monoceros</i>	Monoceros Beetle	insect - beetle (Coleoptera)	13/06/2004	-	1
<i>Oulema melanopus</i>	Cereal Leaf Beetle	insect - beetle (Coleoptera)	06/08/2004	-	1
<i>Oedemera (Oedemera) lurida</i>		insect - beetle (Coleoptera)	31/12/1993	06/08/2004	6
<i>Harmonia axyridis</i>	Harlequin Ladybird	insect - beetle (Coleoptera)	20/05/2011	19/07/2011	2
<i>Adalia bipunctata</i>	2-spot Ladybird	insect - beetle (Coleoptera)	13/06/2004	06/08/2004	2
<i>Coccinella septempunctata</i>	7-spot Ladybird	insect - beetle (Coleoptera)	31/12/1981	19/08/2013	5
<i>Hippodamia (Adonia) variegata</i>	Adonis' Ladybird	insect - beetle (Coleoptera)	06/08/2004	-	2
<i>Psyllobora vigintiduopunctata</i>	22-spot Ladybird	insect - beetle (Coleoptera)	13/06/2004	-	1
<i>Calvia quattuordecimguttata</i>	Cream-spot Ladybird	insect - beetle (Coleoptera)	31/12/1993	-	1
<i>Propylea quattuordecimpunctata</i>	14-spot Ladybird	insect - beetle (Coleoptera)	11/06/2004	13/06/2004	2
<i>Myrrha octodecimguttata</i>	18-spot Ladybird	insect - beetle (Coleoptera)	11/06/2004	06/08/2004	3
<i>Tytthaspis sedecimpunctata</i>	16-spot Ladybird	insect - beetle (Coleoptera)	31/12/1993	06/08/2004	4
<i>Anaspis (Anaspis) maculata</i>		insect - beetle (Coleoptera)	11/06/2004	06/08/2004	2
<i>Aphthona euphorbiae</i>	Large Flax Flea Beetle	insect - beetle (Coleoptera)	31/12/1993	-	1
<i>Nanophyes marmoratus</i>	Loosestrife Weevil	insect - beetle (Coleoptera)	06/08/2004	-	2
<i>Ischnopterapion (Ischnopterapion) modestum</i>		insect - beetle (Coleoptera)	06/08/2004	-	2
<i>Perapion (Perapion) marchicum</i>		insect - beetle (Coleoptera)	31/12/1993	06/08/2004	4
<i>Perapion (Perapion) curtirostre</i>		insect - beetle (Coleoptera)	13/06/2004	-	1
<i>Apion haematodes</i>		insect - beetle (Coleoptera)	31/12/1993	06/08/2004	4
<i>Neocoenorrhinus germanicus</i>	Strawberry Rhynchites	insect - beetle (Coleoptera)	11/06/2004	06/08/2004	2
<i>Anthrribus nebulosus</i>		insect - beetle (Coleoptera)	13/06/2004	-	1
<i>Cassida flaveola</i>	Pale Tortoise Beetle	insect - beetle (Coleoptera)	31/12/1993	-	1
<i>Sphaeroderma testaceum</i>		insect - beetle (Coleoptera)	13/06/2004	-	1
<i>Donacia versicolore</i>		insect - beetle (Coleoptera)	31/12/1993	-	1
<i>Neocrepidodera ferruginea</i>	Wheat Flea Beetle	insect - beetle (Coleoptera)	11/06/2004	06/08/2004	3
<i>Scymnus (Neopullus) haemorrhoidalis</i>		insect - beetle (Coleoptera)	06/08/2004	-	2
<i>Luperus longicornis</i>		insect - beetle (Coleoptera)	31/12/1981	06/08/2004	4
<i>Lochmaea suturalis</i>	Heather Beetle	insect - beetle (Coleoptera)	11/06/2004	06/08/2004	2
<i>Lochmaea caprea</i>	Willow Leaf Beetle	insect - beetle (Coleoptera)	31/12/1993	06/08/2004	3
<i>Galerucella pusilla</i>		insect - beetle (Coleoptera)	11/06/2004	06/08/2004	3
<i>Galerucella nymphaeae</i>	Water-Lily Leaf Beetle	insect - beetle (Coleoptera)	13/06/2004	06/08/2004	3
<i>Gonioctena viminalis</i>		insect - beetle (Coleoptera)	06/05/1980	-	1

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<i>Gonioctena olivacea</i>	Broom Leaf Beetle	insect - beetle (Coleoptera)	11/06/2004	06/08/2004	3
<i>Chrysomela populi</i>	Red Poplar Leaf Beetle	insect - beetle (Coleoptera)	19/07/2011	-	1
<i>Cryptocephalus fulvus</i>		insect - beetle (Coleoptera)	31/12/1993	06/08/2004	4
<i>Oulema melanopus</i>		insect - beetle (Coleoptera)	06/08/2004	-	1
<i>Neocrepidodera transversa</i>		insect - beetle (Coleoptera)	06/08/2004	-	2
<i>Ilybius fuliginosus</i>		insect - beetle (Coleoptera)	13/06/2004	-	2
<i>Cyphon hilaris</i>		insect - beetle (Coleoptera)	11/06/2004	06/08/2004	3
<i>Cyphon coarctatus</i>		insect - beetle (Coleoptera)	11/06/2004	06/08/2004	2
<i>Anomala dubia</i>	Dune Chafer	insect - beetle (Coleoptera)	11/06/2004	06/08/2004	2
<i>Hoplia philanthus</i>	Welsh Chafer	insect - beetle (Coleoptera)	11/06/2004	06/08/2004	2
<i>Lucanus cervus</i>	Stag Beetle	insect - beetle (Coleoptera)	28/06/2010	30/06/2011	2
<i>Hydrobius fuscipes</i>		insect - beetle (Coleoptera)	13/06/2004	-	1
<i>Enochrus coarctatus</i>		insect - beetle (Coleoptera)	13/06/2004	-	1
<i>Anacaena globulus</i>		insect - beetle (Coleoptera)	13/06/2004	-	1
<i>Helophorus (Helophorus) minutus</i>		insect - beetle (Coleoptera)	13/06/2004	-	1
<i>Anisosticta novemdecimpunctata</i>	Water Ladybird	insect - beetle (Coleoptera)	31/12/1993	-	1
<i>Hygrotus (Coelambus) impressopunctatus</i>		insect - beetle (Coleoptera)	13/06/2004	-	1
<i>Prosternon tessellatum</i>	Chequered Click Beetle	insect - beetle (Coleoptera)	31/12/1993	06/08/2004	3
<i>Agabus (Gastrodytes) bipustulatus</i>		insect - beetle (Coleoptera)	13/06/2004	-	2
<i>Noterus clavicornis</i>	Larger Noterus	insect - beetle (Coleoptera)	13/06/2004	-	1
<i>Gyrinus marinus</i>		insect - beetle (Coleoptera)	31/12/1981	-	1
<i>Ocypus (Ocypus) olens</i>	Devil's Coach-horse	insect - beetle (Coleoptera)	31/12/1981	-	1
<i>Stenus (Stenus) clavicornis</i>		insect - beetle (Coleoptera)	14/09/2005	-	1
<i>Stenus (Metatesnus) flavipes</i>		insect - beetle (Coleoptera)	06/08/2004	23/05/2007	3
<i>Stenus (Hypostenus) kiesenwetteri</i>		insect - beetle (Coleoptera)	14/09/2005	-	2
<i>Stenus (Hypostenus) fulvicornis</i>		insect - beetle (Coleoptera)	31/12/1993	-	1
<i>Tachyporus obtusus</i>		insect - beetle (Coleoptera)	11/06/2004	06/08/2004	2
<i>Scolytus rugulosus</i>	Shothole Borer (Small Fruit Bark Beetle)	insect - beetle (Coleoptera)	13/06/2004	-	1
<i>Helophorus (Megahelophorus) aequalis</i>		insect - beetle (Coleoptera)	13/06/2004	-	1
<i>Malthodes minimus</i>		insect - beetle (Coleoptera)	13/06/2004	-	1
<i>Bembidion (Trepanes) octomaculatum</i>		insect - beetle (Coleoptera)	04/08/2004	-	1
<i>Scymnus (Pullus) suturalis</i>		insect - beetle (Coleoptera)	06/08/2004	-	1
<i>Rhyzobius litura</i>		insect - beetle (Coleoptera)	13/06/2004	-	1
<i>Coccidula rufa</i>		insect - beetle (Coleoptera)	06/08/2004	-	2
<i>Endomychus coccineus</i>		insect - beetle (Coleoptera)	01/10/2014	-	1
<i>Brachypterolus vestitus</i>	Antirrhinum Beetle	insect - beetle (Coleoptera)	11/06/2004	06/08/2004	2
<i>Kateretes rufilabris</i>		insect - beetle (Coleoptera)	13/06/2004	-	1
<i>Malachius bipustulatus</i>	Malachite Beetle	insect - beetle (Coleoptera)	11/06/2004	06/08/2004	3
<i>Dasytes plumbeus</i>		insect - beetle (Coleoptera)	06/08/2004	-	1
<i>Dasytes aeratus</i>		insect - beetle (Coleoptera)	13/06/2004	-	1
<i>Cyphon variabilis</i>		insect - beetle (Coleoptera)	06/08/2004	-	2
<i>Dermestes (Dermestes) ater</i>		insect - beetle (Coleoptera)	12/03/2009	-	1
<i>Scirtes hemisphaericus</i>		insect - beetle (Coleoptera)	31/12/1993	06/08/2004	3
<i>Rhagonycha limbata</i>		insect - beetle (Coleoptera)	13/06/2004	-	1

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<i>Rhagonycha fulva</i>	Common Red Soldier Beetle	insect - beetle (Coleoptera)	31/12/1993	06/08/2004	3
<i>Cantharis rustica</i>		insect - beetle (Coleoptera)	13/06/2004	-	2
<i>Cantharis nigricans</i>		insect - beetle (Coleoptera)	11/06/2004	06/08/2004	2
<i>Cantharis cryptica</i>		insect - beetle (Coleoptera)	13/06/2004	-	1
<i>Lampyrus noctiluca</i>	Glow-worm	insect - beetle (Coleoptera)	31/05/1995	27/05/2014	228
<i>Agriotes pallidulus</i>		insect - beetle (Coleoptera)	11/06/2004	06/08/2004	2
<i>Agriotes obscurus</i>		insect - beetle (Coleoptera)	13/06/2004	-	1
<i>Athous (Athous) haemorrhoidalis</i>		insect - beetle (Coleoptera)	11/06/2004	06/08/2004	2
<i>Chilocorus bipustulatus</i>	Heather Ladybird	insect - beetle (Coleoptera)	13/06/2004	06/08/2004	3
<i>Thanasimus formicarius</i>	Ant Beetle	insect - beetle (Coleoptera)	31/12/1981	-	1
<i>Poecilus versicolor</i>		insect - beetle (Coleoptera)	16/05/2002	-	1
<i>Pyrgus malvae</i>	Grizzled Skipper	insect - butterfly	27/05/2012	-	2
<i>Maniola jurtina</i>	Meadow Brown	insect - butterfly	31/12/1993	19/08/2015	64
<i>Pyronia tithonus subsp. britanniae</i>	Hedge Brown	insect - butterfly	31/12/1981	23/08/2013	4
<i>Pyronia tithonus</i>	Hedge Brown	insect - butterfly	15/08/1996	19/08/2015	44
<i>Lasiommata megera</i>	Wall	insect - butterfly	19/08/2015	-	1
<i>Pararge aegeria</i>	Speckled Wood	insect - butterfly	09/09/1991	03/09/2015	36
<i>Coenonympha pamphilus</i>	Small Heath	insect - butterfly	15/08/1996	27/05/2012	4
<i>Celastrina argiolus</i>	Holly Blue	insect - butterfly	15/08/1996	25/07/2015	14
<i>Thymelicus sylvestris</i>	Small Skipper	insect - butterfly	31/12/1993	21/07/2015	9
<i>Thymelicus lineola</i>	Essex Skipper	insect - butterfly	02/08/1998	19/07/2013	3
<i>Ochlodes</i>		insect - butterfly	06/08/2004	-	1
<i>Aphantopus hyperantus</i>	Ringlet	insect - butterfly	15/07/2004	25/07/2015	15
<i>Erynnis tages</i>	Dingy Skipper	insect - butterfly	27/05/2012	-	1
<i>Melanargia galathea</i>	Marbled White	insect - butterfly	31/12/2000	11/07/2015	6
<i>Colias croceus</i>	Clouded Yellow	insect - butterfly	15/08/1996	03/09/2015	4
<i>Gonepteryx rhamni</i>	Brimstone	insect - butterfly	31/12/1981	05/06/2015	19
<i>Gonepteryx rhamni subsp. rhamni</i>	Brimstone	insect - butterfly	02/04/2016	20/04/2016	4
<i>Anthocharis cardamines</i>	Orange-tip	insect - butterfly	26/05/1995	16/05/2014	18
<i>Anthocharis cardamines subsp. britannica</i>	Orange-tip	insect - butterfly	13/04/2016	-	1
<i>Pieris brassicae</i>	Large White	insect - butterfly	31/12/1981	03/09/2015	34
<i>Pieris rapae</i>	Small White	insect - butterfly	26/05/1995	28/07/2015	26
<i>Pieris napi</i>	Green-veined White	insect - butterfly	31/12/1993	25/07/2015	20
<i>Lycaena phlaeas</i>	Small Copper	insect - butterfly	31/12/1981	07/09/2015	22
<i>Plebejus argus</i>	Silver-studded Blue	insect - butterfly	29/07/1994	01/07/1999	2
<i>Aricia agestis</i>	Brown Argus	insect - butterfly	31/12/1993	15/08/1996	5
<i>Polyommatus icarus</i>	Common Blue	insect - butterfly	31/12/1993	07/09/2015	26
<i>Ochlodes sylvanus</i>	Large Skipper	insect - butterfly	31/12/1993	25/07/2015	21
<i>Thecla betulae</i>	Brown Hairstreak	insect - butterfly	23/12/1996	16/12/2010	13
<i>Argynnis paphia</i>	Silver-washed Fritillary	insect - butterfly	28/06/2004	28/07/2015	14
<i>Apatura iris</i>	Purple Emperor	insect - butterfly	31/12/2000	16/07/2014	7
<i>Favonius quercus</i>	Purple Hairstreak	insect - butterfly	23/07/2010	16/07/2014	4
<i>Aglais io</i>	Peacock	insect - butterfly	31/12/1981	20/04/2016	30
<i>Vanessa atalanta</i>	Red Admiral	insect - butterfly	15/08/1996	25/07/2015	36

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<i>Vanessa cardui</i>	Painted Lady	insect - butterfly	15/08/1996	19/08/2015	6
<i>Limenitis camilla</i>	White Admiral	insect - butterfly	19/07/1998	15/07/2015	11
<i>Polygonia c-album</i>	Comma	insect - butterfly	31/12/1993	25/07/2015	26
<i>Aglais urticae</i>	Small Tortoiseshell	insect - butterfly	24/03/1995	13/04/2016	26
<i>Noctua pronuba</i>	Large Yellow Underwing	insect - moth	14/06/1996	22/06/2012	4
<i>Lycophotia porphyrea</i>	True Lover's Knot	insect - moth	22/06/2012	-	1
<i>Diarsia mendica</i>	Ingrailed Clay	insect - moth	14/06/1996	22/06/2012	2
<i>Diarsia rubi</i>	Small Square-spot	insect - moth	14/06/1996	22/06/2012	2
<i>Xestia c-nigrum</i>	Setaceous Hebrew Character	insect - moth	14/06/1996	-	1
<i>Xestia xanthographa</i>	Square-spot Rustic	insect - moth	27/08/1998	05/09/1998	5
<i>Axylia putris</i>	Flame	insect - moth	22/06/2012	-	1
<i>Cerastis rubricosa</i>	Red Chestnut	insect - moth	12/04/2003	-	1
<i>Agrotis puta</i>	Shuttle-shaped Dart	insect - moth	14/06/1996	-	1
<i>Agrotis ipsilon</i>	Dark Sword-grass	insect - moth	14/06/1996	-	1
<i>Agrotis exclamatoris</i>	Heart & Dart	insect - moth	31/12/1981	02/07/1998	5
<i>Scopula floslactata form scotica</i>	Cream Wave	insect - moth	18/06/1998	-	1
<i>Scopula imitaria</i>	Small Blood-vein	insect - moth	09/07/1998	10/07/1998	2
<i>Idaea aversata</i>	Riband Wave	insect - moth	26/07/1998	28/07/1998	2
<i>Ochrolepura plecta</i>	Flame Shoulder	insect - moth	14/06/1996	-	1
<i>Orthosia incerta</i>	Clouded Drab	insect - moth	27/03/1998	-	1
<i>Anorthoa munda</i>	Twin-spotted Quaker	insect - moth	09/03/2012	-	1
<i>Mythimna pallens</i>	Common Wainscot	insect - moth	14/06/1996	-	1
<i>Mythimna impura</i>	Smoky Wainscot	insect - moth	14/06/1996	26/07/1998	3
<i>Lacanobia w-latinum</i>	Light Brocade	insect - moth	14/06/1996	-	1
<i>Deltote pygarga</i>	Marbled White Spot	insect - moth	22/06/2012	-	1
<i>Subacronicta megacephala</i>	Poplar Grey	insect - moth	14/06/1996	22/06/2012	2
<i>Colostygia pectinataria</i>	Green Carpet	insect - moth	14/06/1996	03/09/1998	7
<i>Timandra griseata</i>	Blood-Vein	insect - moth	18/05/1998	05/07/1998	7
<i>Idaea emarginata</i>	Small Scallop	insect - moth	20/07/1998	27/07/1998	3
<i>Phalera bucephala</i>	Buff-tip	insect - moth	14/06/1996	-	1
<i>Orthosia gothica</i>	Hebrew Character	insect - moth	27/02/1998	09/03/2012	5
<i>Tholera cespitis</i>	Hedge Rustic	insect - moth	23/08/1998	-	1
<i>Peridea anceps</i>	Great Prominent	insect - moth	12/04/2003	-	1
<i>Pterostoma palpina</i>	Pale Prominent	insect - moth	29/07/1998	-	1
<i>Ptilodon capucina</i>	Coxcomb Prominent	insect - moth	28/07/1998	-	1
<i>Notodonta ziczac</i>	Pebble Prominent	insect - moth	14/06/1996	-	1
<i>Orthosia cruda</i>	Small Quaker	insect - moth	09/03/2012	-	1
<i>Euthrix potatoria</i>	Drinker	insect - moth	06/07/1998	30/07/1998	8
<i>Orthosia cerasi</i>	Common Quaker	insect - moth	13/03/1998	09/03/2012	3
<i>Abraxas grossulariata</i>	Magpie	insect - moth	10/07/1998	07/08/1998	13
<i>Hydriomena furcata</i>	July Highflier	insect - moth	01/07/1998	-	1
<i>Alsophila aescularia</i>	March Moth	insect - moth	04/03/1998	09/03/2012	3
<i>Lomaspilis marginata</i>	Clouded Border	insect - moth	14/06/1996	22/06/2012	5
<i>Campaea margaritaria</i>	Light Emerald	insect - moth	20/06/1998	22/06/2012	2



Latin Name	Common Name	Taxon Group	First Date	Last Date	No. of Rec's
<i>Cabera pusaria</i>	Common White Wave	insect - moth	01/07/1998	15/07/1998	4
<i>Ematurga atomaria</i>	Common Heath	insect - moth	04/06/2015	-	1
<i>Ectropis crepuscularia</i>	Engrailed	insect - moth	10/03/1998	08/07/1998	4
<i>Peribatodes rhomboidaria</i>	Willow Beauty	insect - moth	20/06/1998	27/08/1998	10
<i>Biston betularia</i>	Peppered Moth	insect - moth	14/06/1996	22/06/2012	2
<i>Biston strataria</i>	Oak Beauty	insect - moth	25/02/1998	22/03/1998	2
<i>Lycia hirtaria</i>	Brindled Beauty	insect - moth	13/03/1998	20/03/1998	2
<i>Selenia tetralunaria</i>	Purple Thorn	insect - moth	10/07/1998	26/07/1998	3
<i>Angerona prunaria</i>	Orange Moth	insect - moth	26/06/1960	18/06/1998	2
<i>Opisthograptis luteolata</i>	Brimstone Moth	insect - moth	22/04/1998	22/06/2012	12
<i>Pleurota bicostella</i>	Light Streak	insect - moth	04/06/2015	-	1
<i>Achlya flavicornis</i>	Yellow Horned	insect - moth	09/03/2012	-	1
<i>Habrosyne pyritoides</i>	Buff Arches	insect - moth	10/07/1998	-	1
<i>Laothoe populi</i>	Poplar Hawk-moth	insect - moth	14/06/1996	21/09/2013	2
<i>Deilephila elpenor</i>	Elephant Hawk-moth	insect - moth	22/06/2012	-	1
<i>Alucita hexadactyla</i>	Twenty-plume Moth or Many-plumed M	insect - moth	20/05/2011	-	1
<i>Nematopogon metaxella</i>	Buff Long-horn	insect - moth	22/06/2012	-	1
<i>Nemophora degeerella</i>	Yellow-barred Long-horn	insect - moth	20/05/2011	-	1
<i>Ectoedemia argyropeza</i>	Virgin Pigmy	insect - moth	24/11/2013	-	1
<i>Korscheltellus fusconebulosa</i>	Map-winged Swift	insect - moth	14/05/1998	-	1
<i>Korscheltellus lupulina</i>	Common Swift	insect - moth	22/06/2012	-	1
<i>Phigalia pilosaria</i>	Pale Brindled Beauty	insect - moth	01/03/1998	04/03/1998	2
<i>Eulithis mellinata</i>	Spinach	insect - moth	13/06/1998	-	1
<i>Campptogramma bilineata</i>	Yellow Shell	insect - moth	22/06/2012	-	1
<i>Epirrhoe alternata</i>	Common Carpet	insect - moth	26/07/1998	28/07/1998	2
<i>Scotopteryx chenopodiata</i>	Shaded Broad-bar	insect - moth	24/07/1998	27/07/1998	2
<i>Xanthorhoe fluctuata</i>	Garden Carpet	insect - moth	03/09/1998	10/09/1998	2
<i>Xanthorhoe montanata subsp. shetlandica</i>	Silver-ground Carpet	insect - moth	17/05/1998	-	1
<i>Xanthorhoe montanata</i>	Silver-ground Carpet	insect - moth	14/06/1996	19/05/1998	2
<i>Xanthorhoe designata</i>	Flame Carpet	insect - moth	23/08/1998	-	1
<i>Earophila badiata</i>	Shoulder Stripe	insect - moth	27/02/1998	23/03/1998	4
<i>Diachrysia chrysitis</i>	Burnished Brass	insect - moth	14/06/1996	08/09/1998	4
<i>Eupithecia assimilata</i>	Currant Pug	insect - moth	26/07/1998	-	1
<i>Charanyca trigrammica</i>	Treble Lines	insect - moth	14/06/1996	-	2
<i>Selenia dentaria</i>	Early Thorn	insect - moth	20/03/1998	17/07/1998	2
<i>Pennithera firmata</i>	Pine Carpet	insect - moth	22/06/2012	-	1
<i>Idaea trigeminata</i>	Treble Brown Spot	insect - moth	22/06/2012	-	1
<i>Gandaritis pyraliata</i>	Barred Straw	insect - moth	20/06/1998	08/07/1998	11
<i>Dysstroma citrata</i>	Dark Marbled Carpet	insect - moth	29/08/1998	31/08/1998	2
<i>Hemitheia aestivaria</i>	Common Emerald	insect - moth	16/06/1998	10/07/1998	5
<i>Hemistola chrysoprasaria</i>	Small Emerald	insect - moth	11/07/1998	-	1
<i>Comibaena bajularia</i>	Blotched Emerald	insect - moth	22/06/2012	-	1
<i>Ourapteryx sambucaria</i>	Swallow-tailed Moth	insect - moth	20/06/1998	-	1
<i>Macaria liturata</i>	Tawny-barred Angle	insect - moth	22/06/2012	-	1

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<i>Petrophora chlorosata</i>	Brown Silver-line	insect - moth	22/06/2012	-	1
<i>Crocallis elinguaris</i>	Scalloped Oak	insect - moth	27/06/1998	31/07/1998	9
<i>Pseudopanthera macularia</i>	Speckled Yellow	insect - moth	15/05/2010	-	1
<i>Epione repandaria</i>	Bordered Beauty	insect - moth	21/07/1998	-	1
<i>Thera britannica</i>	Spruce Carpet	insect - moth	22/06/2012	-	1
<i>Pyrallis farinalis</i>	Meal Moth	insect - moth	14/08/1998	-	1
<i>Cnephasia</i>		insect - moth	22/06/2012	-	1
<i>Orgyia antiqua</i>	Vapourer	insect - moth	01/10/2014	-	1
<i>Calliteara pudibunda</i>	Pale Tussock	insect - moth	14/06/1996	-	1
<i>Rivula sericealis</i>	Straw Dot	insect - moth	22/06/2012	-	1
<i>Agriphila geniculea</i>	Elbow-stripe Grass-veneer	insect - moth	22/06/2012	-	1
<i>Pterophorus pentadactyla</i>	White Plume	insect - moth	02/07/1998	21/07/1998	4
<i>Piniphila bifasciana</i>	Pine Marble	insect - moth	22/06/2012	-	1
<i>Nomophila noctuella</i>	Rush Veneer	insect - moth	14/06/1996	-	2
<i>Eudonia pallida</i>	Marsh Grey	insect - moth	22/06/2012	-	1
<i>Pleuroptya ruralis</i>	Mother of Pearl	insect - moth	17/07/1998	31/07/1998	6
<i>Hypena proboscidalis</i>	Snout	insect - moth	02/07/1998	04/09/1998	4
<i>Aphomia sociella</i>	Bee Moth	insect - moth	02/06/2014	-	1
<i>Eilema lurideola</i>	Common Footman	insect - moth	08/07/1998	07/08/1998	15
<i>Endothenia gentianaeana</i>	Teasel Marble	insect - moth	31/12/1999	-	1
<i>Notocelia cynosbatella</i>	Yellow-faced Bell	insect - moth	20/05/2011	-	1
<i>Spilonota ocellana</i>	Bud Moth	insect - moth	22/06/2012	-	1
<i>Celypha lacunana</i>	Common Marble	insect - moth	20/05/2011	-	1
<i>Pandemis corylana</i>	Chequered Fruit-tree Tortrix	insect - moth	22/06/2012	-	1
<i>Hydraecia micacea</i>	Rosy Rustic	insect - moth	23/08/1998	-	1
<i>Argyresthia goedartella</i>	Golden Argent	insect - moth	22/06/2012	-	1
<i>Glyphipterix thrasonella</i>	Speckled Fanner	insect - moth	04/06/1986	-	1
<i>Tortrix viridana</i>	Green Oak Tortrix	insect - moth	22/06/2012	-	1
<i>Plusia festucae</i>	Gold Spot	insect - moth	17/07/2010	-	1
<i>Elophila nymphaeata</i>	Brown China-mark	insect - moth	16/06/1998	28/08/1998	3
<i>Anania hortulata</i>	Small Magpie	insect - moth	26/06/1998	-	1
<i>Autographa gamma</i>	Silver Y	insect - moth	20/06/1998	29/04/2011	17
<i>Apamea monoglypha</i>	Dark Arches	insect - moth	14/06/1996	21/07/1998	4
<i>Apamea lithoxylaea</i>	Light Arches	insect - moth	20/07/1998	21/07/1998	2
<i>Apamea crenata</i>	Clouded-bordered Brindle	insect - moth	14/06/1996	-	1
<i>Apamea epomidion</i>	Clouded Brindle	insect - moth	14/06/1996	08/07/1998	2
<i>Apamea sordens</i>	Rustic Shoulder-knot	insect - moth	21/06/1998	-	1
<i>Oligia</i>		insect - moth	22/06/2012	-	1
<i>Oligia strigilis</i>	Marbled Minor	insect - moth	14/06/1996	-	1
<i>Oligia versicolor</i>	Rufous Minor	insect - moth	16/06/1998	-	1
<i>Mesapamea didyma</i>	Lesser Common Rustic	insect - moth	27/08/1998	-	1
<i>Euproctis similis</i>	Yellow-tail	insect - moth	17/07/1998	28/07/1998	3
<i>Rusina ferruginea</i>	Brown Rustic	insect - moth	29/06/1998	04/07/1998	2
<i>Hoplodrina ambigua</i>	Vine's Rustic	insect - moth	14/06/1996	-	1

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<i>Caradrina morpheus</i>	Mottled Rustic	insect - moth	14/06/1996	-	1
<i>Phlogophora meticulosa</i>	Angle Shades	insect - moth	14/06/1996	02/09/1998	5
<i>Eupsilia transversa</i>	Satellite	insect - moth	22/03/1998	03/09/1998	2
<i>Ipimorpha subtusa</i>	Olive	insect - moth	27/08/1998	-	1
<i>Cosmia trapezina</i>	Dun-bar	insect - moth	29/07/1998	14/04/2009	2
<i>Spilosoma lubricipeda</i>	White Ermine	insect - moth	14/06/1996	16/05/1998	2
<i>Spilosoma lutea</i>	Buff Ermine	insect - moth	17/06/1998	-	1
<i>Tyria jacobaeae</i>	Cinnabar	insect - moth	14/06/1996	03/07/1998	3
<i>Mitochondria miniata</i>	Rosy Footman	insect - moth	04/07/1998	-	1
<i>Eilema sorocula</i>	Orange Footman	insect - moth	22/06/2012	-	1
<i>Triodia sylvina</i>	Orange Swift	insect - moth	07/08/1998	02/09/1998	4
<i>Cheilosia impressa</i>		insect - true fly (Diptera)	31/12/1993	04/08/2014	2
<i>Episyrphus balteatus</i>	Marmalade Hoverfly	insect - true fly (Diptera)	31/12/1993	06/08/2004	3
<i>Machimus atricapillus</i>	Kite-tailed Robberfly	insect - true fly (Diptera)	31/12/1993	06/08/2004	3
<i>Epistrophe eligans</i>		insect - true fly (Diptera)	13/06/2004	-	1
<i>Chrysotoxum festivum</i>		insect - true fly (Diptera)	31/12/1993	-	1
<i>Chrysogaster solstitialis</i>		insect - true fly (Diptera)	31/12/1993	-	1
<i>Platycheirus rosarum</i>		insect - true fly (Diptera)	31/12/1993	-	1
<i>Chalcosyrphus nemorum</i>		insect - true fly (Diptera)	06/08/2004	-	1
<i>Hybos culiciformis</i>		insect - true fly (Diptera)	31/12/1993	-	1
<i>Empis vitripennis</i>		insect - true fly (Diptera)	31/12/1993	-	1
<i>Machimus cingulatus</i>	Brown Heath Robberfly	insect - true fly (Diptera)	06/08/2004	07/09/2015	3
<i>Prionocera turcica</i>		insect - true fly (Diptera)	13/06/2004	-	1
<i>Dysmachus trignonus</i>	Fan-bristled Robberfly	insect - true fly (Diptera)	13/06/2004	-	1
<i>Chrysops caecutiens</i>	Splayed Deerfly	insect - true fly (Diptera)	13/06/2004	-	1
<i>Chrysopilus cristatus</i>	Black Snipefly	insect - true fly (Diptera)	10/06/2004	06/08/2004	2
<i>Helius flavus</i>		insect - true fly (Diptera)	13/06/2004	-	1
<i>Phylidorea squalens</i>		insect - true fly (Diptera)	13/06/2004	-	1
<i>Molophilus occultus</i>		insect - true fly (Diptera)	11/06/2004	06/08/2004	2
<i>Dioctria atricapilla</i>	Violet Black-legged	insect - true fly (Diptera)	13/06/2004	-	1
<i>Urophora cardui</i>		insect - true fly (Diptera)	14/11/2011	-	1
<i>Platycheirus albimanus</i>		insect - true fly (Diptera)	06/08/2004	-	2
<i>Xanthogramma pedissequum</i>		insect - true fly (Diptera)	31/12/1993	-	1
<i>Xylota segnis</i>		insect - true fly (Diptera)	13/06/2004	-	1
<i>Xylota xanthocnema</i>		insect - true fly (Diptera)	07/08/2013	-	1
<i>Conops flavipes</i>		insect - true fly (Diptera)	31/12/1993	-	1
<i>Syrphus vitripennis</i>		insect - true fly (Diptera)	06/08/2004	-	2
<i>Sicus ferrugineus</i>		insect - true fly (Diptera)	31/12/1993	-	1
<i>Syrphid pipiens</i>		insect - true fly (Diptera)	31/12/1993	06/08/2004	4
<i>Trypetoptera punctulata</i>		insect - true fly (Diptera)	13/06/2004	06/08/2004	2
<i>Sarcophaga carnaria</i>		insect - true fly (Diptera)	31/12/1981	-	1
<i>Eriothrix rufomaculata</i>		insect - true fly (Diptera)	10/07/2011	-	1
<i>Phania funesta</i>		insect - true fly (Diptera)	02/07/2011	10/07/2011	2
<i>Nowickia ferox</i>		insect - true fly (Diptera)	27/07/2014	-	1

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<i>Tachina fera</i>		insect - true fly (Diptera)	31/12/1993	-	1
<i>Myopa fasciata</i>		insect - true fly (Diptera)	06/08/2004	-	2
<i>Myathropa florea</i>		insect - true fly (Diptera)	10/06/2004	13/06/2004	2
<i>Eristalis arbustorum</i>		insect - true fly (Diptera)	13/06/2004	-	1
<i>Eristalis tenax</i>		insect - true fly (Diptera)	13/06/2004	-	1
<i>Eumerus ornatus</i>		insect - true fly (Diptera)	11/06/2004	06/08/2004	2
<i>Eupeodes corollae</i>		insect - true fly (Diptera)	06/08/2004	-	3
<i>Helophilus pendulus</i>		insect - true fly (Diptera)	31/12/1993	06/08/2004	3
<i>Volucella bombylans</i>		insect - true fly (Diptera)	10/06/2004	-	1
<i>Merodon equestris</i>	Greater Bulb-Fly	insect - true fly (Diptera)	10/06/2004	13/06/2004	2
<i>Eristalinus sepulchralis</i>		insect - true fly (Diptera)	31/12/1993	-	1
<i>Neoascia meticulosa</i>		insect - true fly (Diptera)	13/06/2004	-	1
<i>Pipiza noctiluca</i>		insect - true fly (Diptera)	06/08/2004	-	2
<i>Platycheirus occultus</i>		insect - true fly (Diptera)	13/06/2004	-	1
<i>Sericomyia silentis</i>		insect - true fly (Diptera)	13/06/2004	07/09/2015	2
<i>Sphaerophoria scripta</i>		insect - true fly (Diptera)	31/12/1993	06/08/2004	3
<i>Sphaerophoria taeniata</i>		insect - true fly (Diptera)	07/08/2013	04/08/2014	2
<i>Melangyna umbellatarum</i>		insect - true fly (Diptera)	31/12/1993	-	1
<i>Bombus (Bombus) lucorum</i>	White-Tailed Bumble Bee	insect - hymenopteran	31/12/1981	04/04/2006	7
<i>Crossocerus (Hoplocrabro) quadrimaculatus</i>	4-Spotted Digger Wasp	insect - hymenopteran	31/07/1993	07/09/2015	6
<i>Mimesa bruxellensis</i>		insect - hymenopteran	31/07/1993	31/12/1993	3
<i>Mimumesa dahlbomi</i>		insect - hymenopteran	11/06/2004	06/08/2004	3
<i>Oxybelus uniglumis</i>	Common Spiny Digger Wasp	insect - hymenopteran	21/07/1990	06/08/2004	9
<i>Oxybelus mandibularis</i>	Pale Jawed Spiny Digger Wasp	insect - hymenopteran	31/07/1993	31/12/1993	4
<i>Rhopalum (Corynopus) coarctatum</i>		insect - hymenopteran	01/06/1990	-	1
<i>Lindenius panzeri</i>		insect - hymenopteran	06/08/2004	-	3
<i>Trypoxylon clavicerum</i>	Club Horned Wood Borer Wasp	insect - hymenopteran	06/08/2004	-	3
<i>Ectemnius (Clytochrysus) lapidarius</i>		insect - hymenopteran	21/08/1993	31/12/1993	2
<i>Pemphredon (Pemphredon) lugubris</i>	Mournful Wasp	insect - hymenopteran	13/06/2004	-	2
<i>Crossocerus (Ablepharipus) podagricus</i>		insect - hymenopteran	07/08/2013	-	1
<i>Crossocerus (Blepharipus) annulipes</i>		insect - hymenopteran	04/08/2014	-	1
<i>Crossocerus (Crossocerus) wesmaeli</i>	Wesmael's Digger Wasp	insect - hymenopteran	31/07/1993	06/08/2004	8
<i>Crossocerus (Crossocerus) ovalis</i>		insect - hymenopteran	21/08/1993	06/08/2004	5
<i>Crabro scutellatus</i>		insect - hymenopteran	31/07/1993	06/08/2004	10
<i>Crabro cribrarius</i>	Slender Bodied Digger Wasp	insect - hymenopteran	21/08/1993	31/12/1993	2
<i>Andrena (Zonandrena) flavipes</i>	Yellow Legged Mining Bee	insect - hymenopteran	06/08/2004	-	3
<i>Ectemnius (Hypocrabro) continuus</i>		insect - hymenopteran	21/08/1993	06/08/2004	7
<i>Cerceris arenaria</i>	Sand Tailed Digger Wasp	insect - hymenopteran	12/07/1983	06/08/2004	9
<i>Bombus (Megabombus) hortorum</i>	Small Garden Bumble Bee	insect - hymenopteran	29/03/2011	-	1
<i>Andrena (Cnemidandrena) denticulata</i>		insect - hymenopteran	21/08/1993	31/12/1993	2
<i>Andrena (Melandrena) nitida</i>		insect - hymenopteran	11/06/2004	06/08/2004	3
<i>Andrena (Melandrena) nigroaenea</i>		insect - hymenopteran	01/06/1989	13/06/2004	4
<i>Hylaeus (Prosopis) brevicornis</i>	Short Horned Yellow-Face Bee	insect - hymenopteran	21/07/1975	13/06/2004	5
<i>Colletes (Colletes) succinctus</i>		insect - hymenopteran	21/08/1993	13/08/2004	5

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<i>Colletes (Colletes) fodiens</i>		insect - hymenopteran	01/06/1990	31/12/1993	3
<i>Mimesa equestris</i>		insect - hymenopteran	31/07/1993	06/08/2004	6
<i>Cerceris rybyensis</i>	Ornate Tailed Digger Wasp	insect - hymenopteran	21/08/1993	07/09/2015	11
<i>Mimesa lutaria</i>		insect - hymenopteran	31/07/1993	31/12/1993	2
<i>Argogorytes mystaceus</i>	Field Digger Wasp	insect - hymenopteran	04/06/1983	-	1
<i>Gorytes laticinctus</i>		insect - hymenopteran	17/08/2012	-	1
<i>Nysson dimidiatus</i>	Small Spurred Digger Wasp	insect - hymenopteran	06/08/2004	-	3
<i>Mellinus arvensis</i>	Field Digger Wasp	insect - hymenopteran	31/07/1993	07/09/2015	7
<i>Diodontus insidiosus</i>		insect - hymenopteran	31/07/1993	06/08/2004	8
<i>Pemphredon (Cemonus) inornata</i>	Shuckard's Wasp	insect - hymenopteran	06/08/2004	07/08/2013	4
<i>Tachysphex pompiliiformis</i>		insect - hymenopteran	01/06/1990	06/08/2004	13
<i>Philanthus triangulum</i>	Bee Wolf	insect - hymenopteran	06/08/2004	-	5
<i>Formica rufa</i>	Red Wood Ant	insect - hymenopteran	31/07/1993	21/07/2009	6
<i>Priocnemis (Priocnemis) exaltata</i>		insect - hymenopteran	21/07/1975	10/08/1979	2
<i>Myrmica scabrinodis</i>		insect - hymenopteran	15/09/2001	14/09/2005	7
<i>Myrmica sabuleti</i>		insect - hymenopteran	08/06/1993	31/12/1993	2
<i>Myrmica ruginodis</i>		insect - hymenopteran	15/09/2001	13/06/2004	4
<i>Leptothorax acervorum</i>	Slender Ant	insect - hymenopteran	24/03/2002	23/05/2007	6
<i>Lasius platythorax</i>		insect - hymenopteran	11/06/2004	06/08/2004	5
<i>Trypoxylon figulus</i>	Black Wood Borer Wasp	insect - hymenopteran	31/12/1985	-	1
<i>Lasius niger</i>		insect - hymenopteran	31/07/1993	13/05/2006	2
<i>Priocnemis (Umbripennis) susterai</i>		insect - hymenopteran	10/05/1980	-	1
<i>Formica fusca</i>	Negro Ant	insect - hymenopteran	31/07/1993	14/09/2005	10
<i>Myrmica atra</i>	Black Headed Velvet Ant	insect - hymenopteran	31/07/1993	31/12/1993	2
<i>Smicromyrme rufipes</i>	Small Velvet Ant	insect - hymenopteran	31/07/1993	31/12/1993	3
<i>Hedychrum niemelai</i>		insect - hymenopteran	29/07/2010	-	1
<i>Hedychridium roseum</i>		insect - hymenopteran	21/08/1993	06/08/2004	7
<i>Hedychridium ardens</i>		insect - hymenopteran	13/06/2004	06/08/2004	5
<i>Elampus panzeri</i>		insect - hymenopteran	13/06/2004	-	2
<i>Lasius niger</i>	Small Black Ant	insect - hymenopteran	31/12/1993	11/06/2004	3
<i>Ancistrocerus parietum</i>	Wall Mason Wasp	insect - hymenopteran	06/08/2004	-	3
<i>Astata boops</i>		insect - hymenopteran	21/08/1993	31/12/1993	2
<i>Ammophila sabulosa</i>	Red Banded Sand Wasp	insect - hymenopteran	31/07/1993	06/08/2004	13
<i>Ammophila pubescens</i>	Heath Sand Wasp	insect - hymenopteran	06/08/2004	-	3
<i>Vespula (Paravespula) vulgaris</i>	Common Wasp	insect - hymenopteran	10/08/1979	31/12/1985	2
<i>Vespula (Paravespula) germanica</i>	German Wasp	insect - hymenopteran	06/08/2004	-	3
<i>Dolichovespula (Pseudovespula) sylvestris</i>	Tree Wasp	insect - hymenopteran	06/08/2004	-	3
<i>Dolichovespula (Pseudovespula) saxonica</i>		insect - hymenopteran	04/08/2014	-	1
<i>Priocnemis (Priocnemis) parvula</i>		insect - hymenopteran	31/07/1993	06/08/2004	9
<i>Ancistrocerus trifasciatus</i>		insect - hymenopteran	11/06/2004	06/08/2004	3
<i>Priocnemis (Priocnemis) pusilla</i>		insect - hymenopteran	06/08/2004	-	3
<i>Evagetes crassicornis</i>		insect - hymenopteran	21/08/1993	31/12/1993	2
<i>Arachnospila (Anoplochaeres) spissa</i>		insect - hymenopteran	11/06/2004	06/08/2004	7
<i>Anoplius (Arachnophroctonus) viaticus</i>	Black-banded Spider Wasp	insect - hymenopteran	06/08/2004	-	3

Latin Name	Common Name	Taxon Group	First Date	Last Date	No. of Rec's
<i>Anoplius (Arachnophroctonus) infuscatus</i>		insect - hymenopteran	21/08/1993	06/08/2004	5
<i>Anoplius (Anoplius) nigerimus</i>		insect - hymenopteran	31/07/1993	06/08/2004	8
<i>Episyron rufipes</i>	Red Legged Spider Wasp	insect - hymenopteran	21/07/1990	06/08/2004	4
<i>Andrena (Poliandrena) florea</i>		insect - hymenopteran	13/06/2004	-	2
<i>Vespa crabro</i>	Hornet	insect - hymenopteran	13/06/2004	06/05/2014	10
<i>Bombus (Psithyrus) campestris</i>	Field Cuckoo Bee	insect - hymenopteran	06/08/2004	-	3
<i>Osmia (Chalcosmia) caerulea</i>	Blue Mason Bee	insect - hymenopteran	13/06/2004	-	2
<i>Megachile (Megachile) ligniseca</i>	Wood-Carving Leaf-Cutter Bee	insect - hymenopteran	21/05/1975	31/12/1985	2
<i>Megachile (Megachile) versicolor</i>		insect - hymenopteran	06/08/2004	-	3
<i>Nomada fabriciana</i>	Fabricius' Nomad Bee	insect - hymenopteran	13/06/2004	-	2
<i>Nomada flava</i>		insect - hymenopteran	10/05/1980	-	1
<i>Nomada rufipes</i>	Golden-Rod Nomad Bee	insect - hymenopteran	31/07/1993	07/09/2015	10
<i>Epeolus cruciger</i>		insect - hymenopteran	31/07/1993	07/09/2015	8
<i>Epeolus variegatus</i>		insect - hymenopteran	06/08/2004	-	3
<i>Ceratina (Euceratina) cyanea</i>	Blue Carpenter Bee	insect - hymenopteran	10/08/1979	31/12/1985	3
<i>Bombus (Melanobombus) lapidarius</i>	Large Red Tailed Bumble Bee	insect - hymenopteran	21/07/1975	13/06/2004	7
<i>Dasypoda hirtipes</i>	Hairy Legged Mining Bee	insect - hymenopteran	31/07/1993	06/08/2004	8
<i>Bombus (Psithyrus) bohemicus</i>	Gipsy Cuckoo Bee	insect - hymenopteran	23/05/2007	-	1
<i>Bombus (Bombus) terrestris</i>	Buff-Tailed Bumble Bee	insect - hymenopteran	10/08/1979	06/08/2004	7
<i>Bombus (Psithyrus) sylvestris</i>	Four Coloured Cuckoo Bee	insect - hymenopteran	13/06/2004	06/08/2004	4
<i>Bombus (Psithyrus) vestalis</i>	Vestal Cuckoo Bee	insect - hymenopteran	31/07/1993	13/06/2004	4
<i>Bombus (Pyrobombus) jonellus</i>	Heath Bumble Bee	insect - hymenopteran	13/06/2004	13/06/2007	7
<i>Bombus (Pyrobombus) pratorum</i>	Early Bumble Bee	insect - hymenopteran	10/08/1979	06/08/2004	5
<i>Bombus (Thoracobombus) pascuorum</i>	Common Carder Bee	insect - hymenopteran	21/07/1975	02/07/2011	14
<i>Neuroterus quercusbaccarum</i>	Common Spangle Gall	insect - hymenopteran	31/12/1981	-	1
<i>Andricus anthracina</i>	Oyster Gall	insect - hymenopteran	31/12/1981	-	1
<i>Andricus fecundator</i>	Artichoke Gall	insect - hymenopteran	31/12/1981	-	1
<i>Andricus kollari</i>	Marble Gall	insect - hymenopteran	31/12/1981	-	1
<i>Cynips quercusfolii</i>	Cherry Gall	insect - hymenopteran	31/12/1981	-	1
<i>Andrena (Cnemidandrena) fuscipes</i>		insect - hymenopteran	31/07/1993	16/08/2004	6
<i>Andrena (Chlorandrena) humilis</i>		insect - hymenopteran	13/06/2004	-	2
<i>Andrena (Notandrena) nitidiuscula</i>		insect - hymenopteran	21/07/1975	31/12/1985	3
<i>Macropis europaea</i>		insect - hymenopteran	06/08/2004	-	3
<i>Andrena (Poecilandrena) labiata</i>	Girdled Mining Bee	insect - hymenopteran	01/06/1989	13/06/2004	6
<i>Andrena (Micrandrena) minutula</i>		insect - hymenopteran	31/07/1993	06/08/2004	5
<i>Andrena (Micrandrena) minutuloides</i>		insect - hymenopteran	06/08/2004	-	3
<i>Andrena (Micrandrena) semilaevis</i>		insect - hymenopteran	13/06/2004	-	2
<i>Andrena (Simandrena) dorsata</i>		insect - hymenopteran	05/04/1992	06/08/2004	11
<i>Andrena (Taeniandrena) ovatula</i>		insect - hymenopteran	06/08/2004	-	3
<i>Halictus (Seladonia) tumulorum</i>		insect - hymenopteran	31/07/1993	31/12/1993	2
<i>Lasioglossum (Lasioglossum) lativentre</i>		insect - hymenopteran	31/07/1993	07/08/2013	5
<i>Lasioglossum (Lasioglossum) leucozonium</i>		insect - hymenopteran	21/07/1990	06/08/2004	9
<i>Lasioglossum (Lasioglossum) zonulum</i>		insect - hymenopteran	31/07/1993	11/08/2015	4
<i>Sphecodes reticulatus</i>		insect - hymenopteran	12/06/2004	-	2

Latin Name	Common Name	Taxon Group	First Date	Last Date	No. of Rec's
<i>Andrena (Leucandrena) barbilabris</i>		insect - hymenopteran	11/06/2004	04/06/2015	4
<i>Lasioglossum (Evylaeus) albipes</i>		insect - hymenopteran	11/06/2004	06/08/2004	5
<i>Melitta leporina</i>		insect - hymenopteran	31/07/1993	31/12/1993	2
<i>Sphecodes pellucidus</i>		insect - hymenopteran	31/07/1993	06/08/2004	6
<i>Sphecodes monilicornis</i>		insect - hymenopteran	06/08/2004	-	3
<i>Sphecodes gibbus</i>		insect - hymenopteran	31/07/1993	31/12/1993	3
<i>Lasioglossum (Evylaeus) villosulum</i>	Shaggy Mining Bee	insect - hymenopteran	31/07/1993	04/08/2014	5
<i>Lasioglossum (Evylaeus) punctatissimum</i>		insect - hymenopteran	31/07/1993	06/08/2004	9
<i>Lasioglossum (Evylaeus) parvulum</i>		insect - hymenopteran	10/05/1980	-	1
<i>Sphecodes ephippius</i>		insect - hymenopteran	13/06/2004	-	2
<i>Lasioglossum (Evylaeus) minutissimum</i>	Least Mining Bee	insect - hymenopteran	06/08/2004	-	3
<i>Leuciscus leuciscus</i>	Dace	bony fish (Actinopterygii)	15/07/2005	09/08/2013	5
<i>Abramis brama</i>	Common Bream	bony fish (Actinopterygii)	26/07/2005	-	1
<i>Perca fluviatilis</i>	Perch	bony fish (Actinopterygii)	26/07/2005	03/05/2013	2
<i>Esox lucius</i>	Pike	bony fish (Actinopterygii)	30/09/2009	08/10/2010	2
<i>Cyprinus carpio</i>	Common Carp	bony fish (Actinopterygii)	03/06/2015	-	1
<i>Squalius cephalus</i>	Chub	bony fish (Actinopterygii)	15/07/2005	09/08/2013	6
<i>Leuciscus idus</i>	Orfe	bony fish (Actinopterygii)	03/06/2015	-	1
<i>Rutilus rutilus</i>	Roach	bony fish (Actinopterygii)	15/07/2005	09/08/2013	5
<i>Barbatula barbatula</i>	Stone Loach	bony fish (Actinopterygii)	15/07/2005	09/08/2013	5
<i>Cottus gobio</i>	Bullhead	bony fish (Actinopterygii)	15/07/2005	09/08/2013	6
<i>Gobio gobio</i>	Gudgeon	bony fish (Actinopterygii)	26/07/2005	03/05/2013	3
<i>Scardinius erythrophthalmus</i>	Rudd	bony fish (Actinopterygii)	03/06/2015	-	1
<i>Anguilla anguilla</i>	European Eel	bony fish (Actinopterygii)	15/07/2005	27/05/2014	9
<i>Salmo trutta</i>	Brown/Sea Trout	bony fish (Actinopterygii)	15/07/2005	09/08/2013	5
<i>Platichthys flesus</i>	Flounder	bony fish (Actinopterygii)	30/09/2009	08/10/2010	2
<i>Carassius auratus</i>	Goldfish	bony fish (Actinopterygii)	03/06/2015	-	1
<i>Rana temporaria</i>	Common Frog	amphibian	01/01/1987	31/12/2002	10
<i>Bufo bufo</i>	Common Toad	amphibian	01/01/1987	07/05/2007	9
<i>Lissotriton vulgaris</i>	Smooth Newt	amphibian	01/01/1987	03/06/2015	9
<i>Lissotriton helveticus</i>	Palmate Newt	amphibian	01/01/1987	03/06/2015	5
<i>Zootoca vivipara</i>	Common Lizard	reptile	31/12/1981	31/12/2002	5
<i>Natrix natrix</i>	Grass Snake	reptile	31/12/1981	10/07/2013	23
<i>Vipera berus</i>	Adder	reptile	31/12/1981	31/12/2002	5
<i>Anguis fragilis</i>	Slow-worm	reptile	01/01/1992	21/08/2013	9
<i>Eptesicus serotinus</i>	Serotine	terrestrial mammal	05/04/1989	06/08/2015	9
<i>Plecotus</i>	Long-eared sp.	terrestrial mammal	23/04/2003	06/08/2015	14
<i>Talpa europaea</i>	European Mole	terrestrial mammal	31/12/1965	18/11/2014	37
<i>Arvicola amphibius</i>	European Water Vole	terrestrial mammal	31/12/1965	31/12/2013	8
<i>Sciurus carolinensis</i>	Eastern Grey Squirrel	terrestrial mammal	31/12/1966	05/06/2015	24
<i>Muntiacus reevesi</i>	Chinese Muntjac	terrestrial mammal	18/03/2015	-	1
<i>Dama dama</i>	Fallow Deer	terrestrial mammal	04/03/2014	-	1
<i>Microtus agrestis</i>	Field Vole	terrestrial mammal	17/06/2008	-	1
<i>Plecotus auritus</i>	Brown Long-eared Bat	terrestrial mammal	05/04/1989	08/12/2011	20

Latin Name	Common Name	Taxon Group	First Date	Last Date	No. of Rec's
<i>Apodemus flavicollis</i>	Yellow-necked Mouse	terrestrial mammal	31/12/1965	-	1
<i>Pipistrellus pygmaeus</i>	Soprano Pipstrelle (55 kHz)	terrestrial mammal	12/07/2000	06/08/2015	25
<i>Pipistrellus pipistrellus</i>	Common Pipistrelle (45 kHz)	terrestrial mammal	12/07/2007	06/08/2015	62
<i>Pipistrellus</i>	Pipstrelle sp.	terrestrial mammal	28/07/1975	27/05/2015	52
<i>Nyctalus noctula</i>	Noctule Bat	terrestrial mammal	03/06/2008	09/07/2015	3
<i>Myotis nattereri</i>	Natterer's Bat	terrestrial mammal	24/04/2003	06/08/2015	3
<i>Myotis brandtii</i>	Brandt's Bat	terrestrial mammal	27/05/2015	-	1
<i>Capreolus capreolus</i>	Roe Deer	terrestrial mammal	25/04/1991	22/07/2015	4
<i>Sorex araneus</i>	Eurasian Common Shrew	terrestrial mammal	31/08/1998	17/06/2008	2
<i>Mustela erminea</i>	Stoat	terrestrial mammal	31/12/1950	-	1
<i>Mustela nivalis</i>	Weasel	terrestrial mammal	23/01/2008	-	1
<i>Mustela putorius</i>	Polecat	terrestrial mammal	25/08/2012	-	1
<i>Neovison vison</i>	American Mink	terrestrial mammal	21/10/2010	-	1
<i>Vulpes vulpes</i>	Red Fox	terrestrial mammal	26/12/1969	22/04/2008	6
<i>Myodes glareolus</i>	Bank Vole	terrestrial mammal	16/04/2012	-	1
<i>Neomys fodiens</i>	Eurasian Water Shrew	terrestrial mammal	31/12/1964	16/04/2005	4
<i>Oryctolagus cuniculus</i>	European Rabbit	terrestrial mammal	25/04/1991	28/03/2014	32
<i>Chiroptera</i>	Bat sp.	terrestrial mammal	01/01/1982	14/06/2005	20
<i>Lepus europaeus</i>	Brown Hare	terrestrial mammal	31/12/1920	31/12/1966	2
<i>Muscardinus avellanarius</i>	Hazel Dormouse	terrestrial mammal	31/12/1930	02/11/2015	3
<i>Rattus norvegicus</i>	Brown Rat	terrestrial mammal	28/08/2004	-	1
<i>Mus musculus</i>	House Mouse	terrestrial mammal	01/12/2011	-	1
<i>Micromys minutus</i>	Harvest Mouse	terrestrial mammal	31/12/1965	-	1
<i>Erinaceus europaeus</i>	West European Hedgehog	terrestrial mammal	31/12/1965	-	1



## Sussex Environmental Survey Directory

Report on behalf of Sharon Davis (West Chiltington Neighbourhood Plan Steering Group)  
regarding land at West Chiltington Parish.

Our Ref: SxBRC/16/196

Date: 20-Jun-16

The Sussex Environmental Survey Directory (ESD) was initiated in 1990 as a tool to report on biological surveys that had taken place in Sussex. The directory now contains information on over 2,000 surveys covering over 22,000 sites. This report details what surveys have been carried out on specific sites and directs the enquirer to where this information is held. The Record Centre does not hold copies of all the reports that it refers enquirers to, but simply directs the enquirer to organisations or individuals who do.

The directory is updated on a weekly basis and also contains summary data on the county's ornithological data, (courtesy of the Sussex Ornithological Society) and on the county's geological sites (courtesy of the Booth Museum).

Survey Name	Monkmead Woods Management Plan 2000- 2005 - (3734)		
Survey Author	Alex Lickley		
Survey Comment	Monkmead Woods, West Chiltington, is an area attractive area of mixed woodland and heath totalling 11.5 hectares. The western half of the site forms part of the Sullington Warren Site of Special Scientific Interest and contains valuable wildlife habitats.		
Date	2000		
Site Name	Monkmead Woods, West Chiltington - SSCI H61	TQ078167	
Site Comment	Area of wet heath, dry heath and woodland with scarce plants, a rare fungus; very rare dragonfly sp. nearby.		
Copies Available	SxBRC Digital		

Survey Name	Monkmead Woods Botanical Survey - (3735)		
Survey Author	MIDDLETON, Bruce		
Survey Comment	Monkmead Woods joins Hurston Warren which is a Special Site of Interest. Following discussions with Alex Lickley from Horsham District Council it was decided a botanical survey was needed on the above compartments.		
Date	1999		
Site Name	Monkmead Woods, West Chiltington - SSCI H61	TQ078167	
Site Comment	Area of wet heath, dry heath and woodland with scarce plants, a rare fungus; very rare dragonfly sp. nearby.		
Copies Available	SxBRC Digital		

Survey Name		Survey of Unimproved Neutral Grassland in West Sussex (Vol 1) - (328)
Survey Author	BARTON, J., FISHER, K.B.	
Survey Comment	A standard NVC survey and assessment of unimproved neutral grassland sites in West Sussex. Lower River Valley Survey No. 20. (Phase I/II). [SxBRC copy held in H2a box].	
Date	1987	
Site Name	Cattlestone Farm (Pasture S of Buildings), W Chiltington	TQ102198
Site Comment	Pasture with an orchard at one end and numerous dicotyledons. Most of site is within SNCI H54.	
Copies Available	EN, SxBRC Boxes, WSCC	

Survey Name		Survey of Unimproved Neutral Grassland in West Sussex (Vol 1) - (328)
Survey Author	BARTON, J., FISHER, K.B.	
Survey Comment	A standard NVC survey and assessment of unimproved neutral grassland sites in West Sussex. Lower River Valley Survey No. 20. (Phase I/II). [SxBRC copy held in H2a box].	
Date	1987	
Site Name	Cattlestone Farm (Hay Meadow N of Buildings), W Chiltington	TQ102203
Site Comment	A hay meadow. Is a part of SNCI H54	
Copies Available	EN, SxBRC Boxes, WSCC	

Survey Name		Survey of Unimproved Neutral Grassland in West Sussex (Vol 1) - (328)
Survey Author	BARTON, J., FISHER, K.B.	
Survey Comment	A standard NVC survey and assessment of unimproved neutral grassland sites in West Sussex. Lower River Valley Survey No. 20. (Phase I/II). [SxBRC copy held in H2a box].	
Date	1987	
Site Name	Cattlestone Farm (Hay Meadow beyond B2133), W Chiltington	TQ106204
Site Comment	A hay meadow with abundant species. Part of SNCI H54.	
Copies Available	EN, SxBRC Boxes, WSCC	

<b>Survey Name</b>	Survey of Unimproved Neutral Grassland in West Sussex (Vol 1) - (328)
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<b>Survey Author</b>	BARTON, J., FISHER, K.B.
<b>Survey Comment</b>	A standard NVC survey and assessment of unimproved neutral grassland sites in West Sussex. Lower River Valley Survey No. 20. (Phase I/II). [SxBRC copy held in H2a box].
<b>Date</b>	1987
<b>Site Name</b>	Steepwood Lane Meadow, North Heath (pSNCI) TQ077221
<b>Site Comment</b>	Potential SNCI. Neglected meadow and thin wooded strip which have many of the common meadow species, but is not particularly species-rich. It has some impeded drainage. Is also an Unimproved Neutral Grassland Site.
<b>Copies Available</b>	EN, SxBRC Boxes, WSCC

<b>Survey Name</b>	Amphibians in Sussex - A Site Inventory - (334)
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<b>Survey Author</b>	BANKS, Brian, ELLIOTT, M.
<b>Survey Comment</b>	A survey of many ponds in Sussex for their breeding amphibians. Data taken from a summary report entitled 'Amphibians in Sussex - A Site Inventory'. [SxBRC copy held in box G6].
<b>Date</b>	1980-1989
<b>Site Name</b>	Hurston Warren Golf Course (Flooded Field) TQ073170
<b>Site Comment</b>	
<b>Copies Available</b>	EN, SxBRC Archive, WSCC

<b>Survey Name</b>	Amphibians in Sussex - A Site Inventory - (334)
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<b>Survey Author</b>	BANKS, Brian, ELLIOTT, M.
<b>Survey Comment</b>	A survey of many ponds in Sussex for their breeding amphibians. Data taken from a summary report entitled 'Amphibians in Sussex - A Site Inventory'. [SxBRC copy held in box G6].
<b>Date</b>	1980-1989
<b>Site Name</b>	Hurston Warren Golf Course West Pond TQ073172
<b>Site Comment</b>	
<b>Copies Available</b>	EN, SxBRC Archive, WSCC

Survey Name	Amphibians in Sussex - A Site Inventory - (334)		
Survey Author	BANKS, Brian, ELLIOTT, M.		
Survey Comment	A survey of many ponds in Sussex for their breeding amphibians. Data taken from a summary report entitled 'Amphibians in Sussex - A Site Inventory'. [SxBRC copy held in box G6].		
Date	1980-1989		
Site Name	Hurston Warren Golf Course East Pond (E Part of)		TQ077168
Site Comment			
Copies Available	EN, SxBRC Archive, WSCC		

Survey Name	West Sussex Potential SNCI Project - (397)		
Survey Author	FINCH, Marion, CLARK, Louise		
Survey Comment	A survey of potential SNCIs to assess their significance. Incidental records of mammals, birds, butterflies and moths, and ferns/bryophytes/lichens were included. ONLY West Sussex covered in the survey. Where relevant, info. In EN/SSSI Files. NB: some sites listed below have since been designated, and are now named accordingly.		
Date	1990-3.92		
Site Name	Steepwood Lane Meadow, North Heath (pSNCI)	TQ077221	
Site Comment	Potential SNCI. Neglected meadow and thin wooded strip which have many of the common meadow species, but is not particularly species-rich. It has some impeded drainage. Is also an Unimproved Neutral Grassland Site.		
Copies Available	WSCC, EN/SSSI/SCI, SxBRC Digital		

Survey Name	West Sussex Potential SNCI Project - (397)		
Survey Author	FINCH, Marion, CLARK, Louise		
Survey Comment	A survey of potential SNCIs to assess their significance. Incidental records of mammals, birds, butterflies and moths, and ferns/bryophytes/lichens were included. ONLY West Sussex covered in the survey. Where relevant, info. In EN/SSSI Files. NB: some sites listed below have since been designated, and are now named accordingly.		
Date	1990-3.92		
Site Name	London Copse, West Chiltington (pSNCI)	TQ099198	
Site Comment	Potential SNCI. West end of wood has a few oaks, over-dense understorey of elder and hazel. Rest of wood has overshot coppice of ash with standards of oak, ash and beech.		
Copies Available	WSCC, EN/SSSI/SCI, SxBRC Digital		

Survey Name	West Sussex Potential SNCI Project - (397)		
Survey Author	FINCH, Marion, CLARK, Louise		
Survey Comment	A survey of potential SNCIs to assess their significance. Incidental records of mammals, birds, butterflies and moths, and ferns/bryophytes/lichens were included. ONLY West Sussex covered in the survey. Where relevant, info. In EN/SSSI Files. NB: some sites listed below have since been designated, and are now named accordingly.		
Date	1990-3.92		
Site Name	West Chiltington Fish Pond/Lake Area (pSNCI)	TQ081167	
Site Comment	Potential SNCI. A large area of open water on outskirts of West Chiltinton, surrounded by mown grass. Some exotic herb ssp present.		
Copies Available	WSCC, EN/SSSI/SCI, SxBRC Digital		

Survey Name	West Sussex Potential SNCI Project - (397)		
Survey Author	FINCH, Marion, CLARK, Louise		
Survey Comment	A survey of potential SNCIs to assess their significance. Incidental records of mammals, birds, butterflies and moths, and ferns/bryophytes/lichens were included. ONLY West Sussex covered in the survey. Where relevant, info. In EN/SSSI Files. NB: some sites listed below have since been designated, and are now named accordingly.		
Date	1990-3.92		
Site Name	Hurston Warren (South Part of) (pSNCI)	TQ077161	
Site Comment	Potential SNCI. Part of Hurston Warren Golf Course not in the SSSI. It includes areas of mown fairways, heath, storm-damaged woodland, streams and their margins, and a pond and its margins.		
Copies Available	WSCC, EN/SSSI/SCI, SxBRC Digital		

Survey Name	West Sussex Potential SNCI Project - (397)		
Survey Author	FINCH, Marion, CLARK, Louise		
Survey Comment	A survey of potential SNCIs to assess their significance. Incidental records of mammals, birds, butterflies and moths, and ferns/bryophytes/lichens were included. ONLY West Sussex covered in the survey. Where relevant, info. In EN/SSSI Files. NB: some sites listed below have since been designated, and are now named accordingly.		
Date	1990-3.92		
Site Name	Steepwood Rough, West Chiltington (pSNCI)	TQ087228	
Site Comment	Potential SNCI. A small area of species-rich ancient woodland damaged by partial felling. A small pond is overgrown by willows.		
Copies Available	WSCC, EN/SSSI/SCI, SxBRC Digital		

Survey Name	West Sussex Potential SNCI Project - (397)		
Survey Author	FINCH, Marion, CLARK, Louise		
Survey Comment	A survey of potential SNCIs to assess their significance. Incidental records of mammals, birds, butterflies and moths, and ferns/bryophytes/lichens were included. ONLY West Sussex covered in the survey. Where relevant, info. In EN/SSSI Files. NB: some sites listed below have since been designated, and are now named accordingly.		
Date	1990-3.92		
Site Name	Goringlee Stream Meadows (pSNCI)	TQ109224	
Site Comment	Potential SNCI. Improved meadows, with a stream and standard oaks and ash on the field boundaries. The fields are quite spp rich and have been grazed. The stream is well vegetated with patches of over shaded, choked and open water. It has been cleaned in patches.		
Copies Available	WSCC, EN/SSSI/SCI, SxBRC Digital		

Survey Name	Designated SNCIs (in West Sussex) - (500)		
Survey Author	WSCC		
Survey Comment	All SNCIs in West Sussex are covered here. All sites have management prescriptions. Each site was surveyed botanically, but additional information on other groups is included where known. (A hand-book 'West Sussex Sites of Nature Conservation Importance' has been produced). (Phase II). In 1998 a further 26 new sites were added. In 2001 a further 23 new sites were added and 1 deleted. [NB: a number of additional sites are also included which are not designated, but which were presumably considered for designation at some stage, or which were at some time designated but which have since be deselected].		
Date	1990-		
Site Name	Cattlestone Farm, West Chiltington - SNCI H54	TQ102200	
Site Comment	Farm traditionally managed with no artificial fertilizer for over 100 years - old hedgerows.		
Copies Available	EN, SWT, WSCC		

Survey Name	Designated SNCIs (in West Sussex) - (500)		
Survey Author	WSCC		
Survey Comment	All SNCIs in West Sussex are covered here. All sites have management prescriptions. Each site was surveyed botanically, but additional information on other groups is included where known. (A hand-book 'West Sussex Sites of Nature Conservation Importance' has been produced). (Phase II). In 1998 a further 26 new sites were added. In 2001 a further 23 new sites were added and 1 deleted. [NB: a number of additional sites are also included which are not designated, but which were presumably considered for designation at some stage, or which were at some time designated but which have since be deselected].		
Date	1990-		
Site Name	Monkmead Woods, West Chiltington - SNCI H61	TQ078167	
Site Comment	Area of wet heath, dry heath and woodland with scarce plants, a rare fungus; very rare dragonfly sp. nearby.		
Copies Available	EN, SWT, WSCC		

Survey Name		Survey of Old Meadow Sites - West Sussex - (507)
Survey Author	FORBES, J. et al.	
Survey Comment	A standard NCC (pre NVC) survey of neutral unimproved grasslands in the South-east region. Different volumes for Kent and East and West Sussex. Lower River Valley Survey No.19. (Phase II)	
Date	1978	
Site Name	Oldhouse Farm - Old Meadow Site	TQ107225
Site Comment	An area of neutral grassland which is organically farmed and grazed by horses.	
Copies Available	SWT, WSCC	

Survey Name		Survey of Old Meadow Sites - West Sussex - (507)
Survey Author	FORBES, J. et al.	
Survey Comment	A standard NCC (pre NVC) survey of neutral unimproved grasslands in the South-east region. Different volumes for Kent and East and West Sussex. Lower River Valley Survey No.19. (Phase II)	
Date	1978	
Site Name	Emmetts Farm - Old Meadow Site	TQ119249
Site Comment	A small meadow with wet flushes sloping down to a central stream surrounded by other good meadows. It is an isolated undisturbed site. It has a very diverse flora.	
Copies Available	SWT, WSCC	

Survey Name		Report on the Remaining Heathlands of West Sussex - (524)
Survey Author	ROSE, Francis (Dr).	
Survey Comment	A survey funded and initiated by West Sussex Heathland Forum, a WSCC initiative. The areas identified were in West Sussex and contained significant remains of heathland vegetation. For each site there are record cards for vascular plants, Bryophytes (mosses and liverworts) and usually lichens. Copies of the records are held at the WSCC Countryside Unit and originals are with the author. (Phase II). [SxBRC copy held in H3/H4 box].	
Date	1991-1992	
Site Name	Hurston Warren & Golf Course	TQ075169
Site Comment	Partly an SWT reserve.A large part of the site is a golf course with areas of dry heath;grass heath and a small fen.Elsewhere there are streams;a pond and a very rich sphagnum bog surrounded by Pine trees.	
Copies Available	EN, SxBRC Digital, WSCC	

Survey Name	English Nature Woodland Information - (602)		
Survey Author	Various		
Survey Comment	This is a collation of data on woodlands throughout Sussex. It consists of mostly botanical data, and other information which varies from site to site. (It is held in the woodland cabinet at EN in grid reference order). (Phase II). Woodland Record Cards also held in SxBRC Archive. Recorders include A Whitbread.		
Date	-		
Site Name	Beeding's Copse & Steepwood Lane Meadow, North Heath	TQ079218	
Site Comment	A derelict coppice woodland with an old pasture.		
Copies Available	EN, SxBRC Archive		

Survey Name	Entomological Survey on the Remaining Heathlands of West Sussex 1993 - (609)		
Survey Author	EDWARDS, Mike, HODGE, P. J.		
Survey Comment	A survey of heathland sites concentrating on Coleoptera (Beetles), Hymenoptera aculeata (Bees, Wasps and Ants), Hemiptera-Heteroptera (True Bugs), Diptera (Flies) and Orthoptera (Grasshoppers and Crickets). Other species were recorded as seen. There is a species list for each site. Site species lists including data from previous surveys. (Phase II). [SxBRC copy held in H4 box].		
Date	6.93-8.93		
Site Name	Hurston Warren & Golf Course (Central Part of)	TQ075168	
Site Comment	Much of this area is acidic grassland and golf course; with some trees and heathy roughs.		
Copies Available	EN/SSSI/SCI, WSCC, SxBRC Digital		

Survey Name	Survey of Unimproved Grassland in West Sussex (Vol 2) - (618)		
Survey Author	ALLWRIGHT, R.		
Survey Comment	These sites were surveyed, classified and a grassland recording card filled out. These original results on each site are not included in the final published report. Details of four sites in E Sussex that were also surveyed are also in the same box in a separate envelope. (At EN they are in the W Sussex Grassland Survey box in the library). (Phase II). [SxBRC copy held in H7a box].		
Date	6.88-8.88		
Site Name	Cattlestone Farm (Hay Meadow N of Buildings), W Chilmington	TQ102203	
Site Comment	A hay meadow. Is a part of SNCI H54		
Copies Available	EN, SxBRC Boxes, WSCC		



Survey Name		Survey of Unimproved Grassland in West Sussex (Vol 2) - (618)
Survey Author	ALLWRIGHT, R.	
Survey Comment	These sites were surveyed, classified and a grassland recording card filled out. These original results on each site are not included in the final published report. Details of four sites in E Sussex that were also surveyed are also in the same box in a separate envelope. (At EN they are in the W Sussex Grassland Survey box in the library). (Phase II). [SxBRC copy held in H7a box].	
Date	6.88-8.88	
Site Name	Steepwood Lane Meadow, North Heath (pSNCI)	TQ077221
Site Comment	Potential SNCI. Neglected meadow and thin wooded strip which have many of the common meadow species, but is not particularly species-rich. It has some impeded drainage. Is also an Unimproved Neutral Grassland Site.	
Copies Available	EN, SxBRC Boxes, WSCC	

Survey Name		Survey of Unimproved Grassland in West Sussex (Vol 2) - (618)
Survey Author	ALLWRIGHT, R.	
Survey Comment	These sites were surveyed, classified and a grassland recording card filled out. These original results on each site are not included in the final published report. Details of four sites in E Sussex that were also surveyed are also in the same box in a separate envelope. (At EN they are in the W Sussex Grassland Survey box in the library). (Phase II). [SxBRC copy held in H7a box].	
Date	6.88-8.88	
Site Name	Cattlestone Farm Chicken Field	TQ101201
Site Comment	A field that is heavily grazed by chickens and is therefore of no conservation value.	
Copies Available	EN, SxBRC Boxes, WSCC	

Survey Name		Survey of Unimproved Grassland in West Sussex (Vol 2) - (618)
Survey Author	ALLWRIGHT, R.	
Survey Comment	These sites were surveyed, classified and a grassland recording card filled out. These original results on each site are not included in the final published report. Details of four sites in E Sussex that were also surveyed are also in the same box in a separate envelope. (At EN they are in the W Sussex Grassland Survey box in the library). (Phase II). [SxBRC copy held in H7a box].	
Date	6.88-8.88	
Site Name	Cattlestone Farm (Unimproved Grassland Survey Field D)	TQ102200
Site Comment	Managed for hay without fertilisers and has not been ploughed since 1894. They are grass dominated. Very well managed examples of grassland type which seems transitional between MG5 and MG6	
Copies Available	EN, SxBRC Boxes, WSCC	

Survey Name	Survey of Unimproved Grassland in West Sussex (Vol 2) - (618)		
Survey Author	ALLWRIGHT, R.		
Survey Comment	These sites were surveyed, classified and a grassland recording card filled out. These original results on each site are not included in the final published report. Details of four sites in E Sussex that were also surveyed are also in the same box in a separate envelope. (At EN they are in the W Sussex Grassland Survey box in the library). (Phase II). [SxBRC copy held in H7a box].		
Date	6.88-8.88		
Site Name	Oldhouse Farm Pastures	TQ104225	
Site Comment	The central fields are very species-rich and are typical old grassland which has never been cultivated.They are locally important.The rest of the area is more improved.		
Copies Available	EN, SxBRC Boxes, WSCC		
Survey Name	Sussex Wildlife Trust (SWT) Reserves - (650)		
Survey Author	Various		
Survey Comment	Various information collated by SWT over the years exists for each site. These sites are (or have been at some stage) owned, leased or managed by the Trust.		
Date	1967-		
Site Name	Hurston Warren SWT	TQ074169	
Site Comment	A sphagnum bog surrounded by pine and bracken. It is on a golf course and is leased to the Trust by West Sussex Golf Club.		
Copies Available	leased to the Trust by West Sussex golf Club. SxBRC Digital		
Survey Name	Survey and Management Plan for Cannon Copse - (732)		
Survey Author	ROBERTS, Graham		
Survey Comment	A site description, species list, management recommendations and completed woodland record cards. (Phase II)		
Date	11.89		
Site Name	Cannon Copse	TQ100209	
Site Comment	A Hazel-Oak wood with a fairly rich ground flora.		
Copies Available	WSCC		

Survey Name	Brief Survey of Perrett's Copse - (764)		
Survey Author	SCOTT, Hugh		
Survey Comment	A recording card completed with data from a letter (from Mr Hugh Scott). A few additional species recorded by Ann Griffiths.		
Date	1989		
Site Name	Perrett's Copse	TQ085162	
Site Comment	Not an ancient woodland; but has many characteristics of ancient woodland.		
Copies Available	WSCC		

Survey Name	River Chilt Corridor Survey - (772)		
Survey Author	HICKLIN, A. J.		
Survey Comment	A brief survey with species lists, notes on birds seen, management recommendations and photographs of the stream.		
Date	8.89		
Site Name	River Chilt Corridor (Hurstons Warren Area)	TQ075173	
Site Comment	A short stretch of the river Chilt which is a stream and runs mainly between houses and Hurstons Warren at this site. It has much vegetation and is mostly bordered by scrub. It forms a border of the SSSI.		
Copies Available	SxBRC Digital		

Survey Name	West Sussex Notable Road Verges - (809)		
Survey Author	Various		
Survey Comment	These roadside verges are noted as having conservation interest. All the records are collated and the more significant sites will be designated. At most sites the significance is botanical. [spp data extracted].		
Date	1975-		
Site Name	Road Verge & Ditch, Stream Lane, W Chiltington	TQ083181	
Site Comment	A verge and wet ditch on the south side of the road with a scarce plant.		
Copies Available	WSCC		

Survey Name	West Sussex Notable Road Verges - (809)		
Survey Author	Various		
Survey Comment	These roadside verges are noted as having conservation interest. All the records are collated and the more significant sites will be designated. At most sites the significance is botanical. [spp data extracted].		
Date	1975-		
Site Name	Road Verges, A272 Hayler's Farm, Coneyhurst	TQ110233	
Site Comment	Both sides of road have a rich grassland bank wiht some hedgerow and they support a good variety of insects.		
Copies Available	WSCC		
Survey Name	Herpetological Survey of Remaining Heathlands of West Sussex - (868)		
Survey Author	DEY, Dennis		
Survey Comment	All historical records of herps (amphibians and reptiles) on each site are given. Various sites were visited in 1994 and others in 1995. (Phase II). [SxBRC copy held in H3/H4 box].		
Date	-1995		
Site Name	Hurston Warren & Golf Course	TQ075169	
Site Comment	Partly an SWT reserve.A large part of the site is a golf course with areas of dry heath;grass heath and a small fen.Elsewhere there are streams;a pond and a very rich sphagnum bog surrounded by Pine trees.		
Copies Available	SxBRC Boxes, WSCC		
Survey Name	Sussex Churchyard Survey - (916)		
Survey Author	DONOVAN, Pat		
Survey Comment	Botanical survey of most of the churchyards in Sussex. The majority will have just a species list, but the ones with ecological significance have more detail. (Phase II). NB: Results held at SxBRC for some of sites covered (with details for each site filed according to grid squares), including ESD site nos. 841[TQ33], 1370 [TQ32], 4470 [TQ32], 4341 [SU90]., 4382 [TQ01]. [SxBRC also holds documents in BRC box H2b].		
Date	1980-		
Site Name	St M Churchyard, West Chiltington	TQ090184	
Site Comment			
Copies Available	As contact, SxBRC File Cabs, SxBRC Boxes		

Survey Name	SSSI Data Collation - (1000)		
Survey Author	ENGLISH NATURE		
Survey Comment	All information for SSSIs is held with EN. Detailed information on most groups of plants and animals is held for each site. This includes de-notified SSSIs, but not proposed SSSIs. The information is updated fairly often by monitoring or additional surveys. NOTE: Groups covered varies with site. (Phase II/III)		
Date	1949-		
Site Name	Hurston Warren SSSI	TQ072171	
Site Comment	An area of wet heathland and woodland with several locally rare plants.		
Copies Available	EN, SxBRC Digital		

Survey Name	SSSI Data Collation - (1000)		
Survey Author	ENGLISH NATURE		
Survey Comment	All information for SSSIs is held with EN. Detailed information on most groups of plants and animals is held for each site. This includes de-notified SSSIs, but not proposed SSSIs. The information is updated fairly often by monitoring or additional surveys. NOTE: Groups covered varies with site. (Phase II/III)		
Date	1949-		
Site Name	Coneyhurst Cutting SSSI	TQ101244	
Site Comment	A geological site. The western embankment of the A272 which exposes the 'Paludina' Limestone of the Lower Weald Clay Formation.		
Copies Available	EN, SxBRC Digital		

Survey Name	Amphibian & Reptile Survey of the Remaining Heathlands of West Sussex 1994-1995 - (1214)		
Survey Author	SUSSEX AMPHIBIAN AND REPTILE GROUP		
Survey Comment	The survey provides a list of sites and indicates the last known presence of reptile/amphibian species at those sites. Maps are included with a summary table of reptile/amphibian species found at each site. Other species are recorded in Appendix 2. [spp data extracted for Stedham, Trotton & Iping Commons]. [SxBRC copy held in G6 Amphibians Reptiles & Fish Box].		
Date	1994-1995		
Site Name	Hurston Warren & Golf Course	TQ075169	
Site Comment	Partly an SWT reserve.A large part of the site is a golf course with areas of dry heath;grass heath and a small fen.Elsewhere there are streams;a pond and a very rich sphagnum bog surrounded by Pine trees.		
Copies Available	SxBRC Boxes. WSCC		

Survey Name	A Strategic and Reactive Audit River Corridor Survey, River Arun Catchment - (2115)		
Survey Author	ENVIRONMENT AGENCY		
Survey Comment	The catchment is split into 300 or 500m sections, each section is treated as a discrete site. Only macrophyte (large aquatic plants)communities are described in detail. DAFOR scale is used to describe abundance. Detailed OS and handrawn maps. Bank profiles and vegetation structure are visually presented.		
Date	1993		
Site Name	River Chilt Corridor Survey, Map 3a	TQ075172	
Site Comment	500m stretch of the main river was surveyed listing macrophytes and noting profiles. Management recomendations also given. Surveyed prior to maintenance operations.		
Copies Available	EA, SxBRC Archive		

Survey Name	A Strategic and Reactive Audit River Corridor Survey, River Arun Catchment - (2115)		
Survey Author	ENVIRONMENT AGENCY		
Survey Comment	The catchment is split into 300 or 500m sections, each section is treated as a discrete site. Only macrophyte (large aquatic plants)communities are described in detail. DAFOR scale is used to describe abundance. Detailed OS and handrawn maps. Bank profiles and vegetation structure are visually presented.		
Date	1993		
Site Name	River Chilt Corridor Survey, Map 3b	TQ073173	
Site Comment	200m stretch of the main river was surveyed listing macrophytes and noting profiles. Management recomendations also given. Surveyed prior to maintenance operations.		
Copies Available	EA, SxBRC Archive		

Survey Name	A Strategic and Reactive Audit River Corridor Survey, River Arun Catchment - (2115)		
Survey Author	ENVIRONMENT AGENCY		
Survey Comment	The catchment is split into 300 or 500m sections, each section is treated as a discrete site. Only macrophyte (large aquatic plants)communities are described in detail. DAFOR scale is used to describe abundance. Detailed OS and handrawn maps. Bank profiles and vegetation structure are visually presented.		
Date	1993		
Site Name	River Chilt Corridor Survey, Map 3c	TQ071174	
Site Comment	250m stretch of the main river was surveyed listing macrophytes and noting profiles. Management recomendations also given. Surveyed prior to maintenance operations.		
Copies Available	EA, SxBRC Archive		

<b>Survey Name</b>	A Strategic and Reactive Audit River Corridor Survey, River Arun Catchment - (2115)		
<b>Survey Author</b>	ENVIRONMENT AGENCY		
<b>Survey Comment</b>	The catchment is split into 300 or 500m sections, each section is treated as a discrete site. Only macrophyte (large aquatic plants) communities are described in detail. DAFOR scale is used to describe abundance. Detailed OS and handdrawn maps. Bank profiles and vegetation structure are visually presented.		
<b>Date</b>	1993		
<b>Site Name</b>	River Chilt		TQ070174
<b>Site Comment</b>	Survey of stretch of river noting vegetation, avifauna and profiles.		
<b>Copies Available</b>	EA, SxBRC Archive		

<b>Survey Name</b>	Breeding Barn Owl Survey - Arun Valley, 1997 - (1241)		
<b>Survey Author</b>	ALLEN, Simon		
<b>Survey Comment</b>	The survey assesses the Arun Valley barn owl population for 1997 and records the location of recently erected barn owl boxes. (Phase II). [SxBRC copy held in G5 box].		
<b>Date</b>	1997		
<b>Site Name</b>	Arun Valley Barn Owl Box 10: Winterfield Farm		TQ067177
<b>Site Comment</b>	Site for Barn Owl breeding box in Arun Valley 1997 Breeding Barn Owl Survey - in tree.		
<b>Copies Available</b>	SxBRC Boxes		

<b>Survey Name</b>	Management Plan for Monkmead Woods - (2592)		
<b>Survey Author</b>	JENMAN, Bill.		
<b>Survey Comment</b>	Management plan with objectives of restoring woodland for informal recreation and to maintain the value of the reserve for wildlife at least cost, for period 1988/9 - 1993/4.		
<b>Date</b>	1988		
<b>Site Name</b>	Monkmead Woods, West Chiltington		TQ078166
<b>Site Comment</b>	An area of former heathland now secondary woodland with disturbed ground flora and invasion from garden escapes.		
<b>Copies Available</b>	EN/SSSI/SCI		

<b>Survey Name</b>	Woodland Record Sheet - Hurston Warren - (2593)		
<b>Survey Author</b>	BARTON, J.		
<b>Survey Comment</b>	1 completed woodland record sheet, Phase III, with detailed site description and evaluation. NVC communities marked. Abundance of vascular plants estimated using DAFOR. Storm damage assessment (1987) carried out at same time - see Su 635.		
<b>Date</b>	23/02/1989		
<b>Site Name</b>	Hurston Warren SSSI		TQ072171
<b>Site Comment</b>	An area of wet heathland and woodland with several locally rare plants.		
<b>Copies Available</b>	EN/SSSI/SCI		

<b>Survey Name</b>	Field Records of Dragonflies, Hurston Warren Ponds - (2595)		
<b>Survey Author</b>	BELDEN, Phil.		
<b>Survey Comment</b>	Dragonfly survey of two ponds and an assessment of the R. Chilt for dragonflies. Site description and evaluation - ponds need conservation measures to maintain value; R. Chilt not a good site for dragonflies here. The western pond has Small Red Damselfly ( <i>Ceragrion renellum</i> ) and Ruddy Darter ( <i>Sympetrum sanguineum</i> ), both on RSI.		
<b>Date</b>	10/08/1995		
<b>Site Name</b>	Hurston Warren Golf Course West Pond		TQ073172
<b>Site Comment</b>			
<b>Copies Available</b>	EN/SSSI/SCI		

<b>Survey Name</b>	Field Records of Dragonflies, Hurston Warren Ponds - (2595)		
<b>Survey Author</b>	BELDEN, Phil.		
<b>Survey Comment</b>	Dragonfly survey of two ponds and an assessment of the R. Chilt for dragonflies. Site description and evaluation - ponds need conservation measures to maintain value; R. Chilt not a good site for dragonflies here. The western pond has Small Red Damselfly ( <i>Ceragrion renellum</i> ) and Ruddy Darter ( <i>Sympetrum sanguineum</i> ), both on RSI.		
<b>Date</b>	10/08/1995		
<b>Site Name</b>	Hurston Warren Golf Course East Pond		TQ076168
<b>Site Comment</b>	Pond between the tee and the green, West Sussex Golf Course. Good site for invertebrates, but affected by falling water levels.		
<b>Copies Available</b>	EN/SSSI/SCI		



Survey Name	Hurston Warren Water Level Management Plan - (2596)		
Survey Author	PETER BRETT ASSOCIATES		
Survey Comment	Consultation document for Hurston Warren WLMP. The purpose of the WLMP is to provide a means whereby the water level requirements for agriculture, conservation, amenity, archaeology etc. can be balanced and integrated.		
Date	1998		
Site Name	Hurston Warren SSSI	TQ072171	
Site Comment	An area of wet heathland and woodland with several locally rare plants.		
Copies Available	EN/SSSI/SCI, As contact		

Survey Name	Overview of Principle Habitats in NW Section of Sussex Downs AONB, N of Chalk Escarpment -		
Survey Author	ROSE, Francis (Dr).		
Survey Comment	This report takes account of the various geological bands to the north of the chalk, and provides species lists for many of the sites covered. Many of the heathland sites mentioned here are covered in more detail in F Rose's Report on the Remaining Heathlands of West Sussex (ESD Survey 524). This inventory lists a large number of sites, not all of which have been surveyed by F Rose: some are included because information from other parties suggests they have potential. Others have been surveyed by him, but only to a limited extent.		
Date	various		
Site Name	Hurston Warren & Golf Course	TQ075169	
Site Comment	Partly an SWT reserve.A large part of the site is a golf course with areas of dry heath;grass heath and a small fen.Elsewhere there are streams;a pond and a very rich sphagnum bog surrounded by Pine trees.		
Copies Available	SxBRC Boxes		

Survey Name	Mike Edwards Invertebrate Records - (2121)		
Survey Author	EDWARDS, Mike		
Survey Comment	A collection of records, with different levels of coverage for each site, ranging from an occasional visit, to >5visits. Records relate primarily to Aculeate Hymenoptera, but with some Diptera & Coleoptera.		
Date	various		
Site Name	Pulborough Brooks (Area W of Wiggonholt Farm)	TQ060173	
Site Comment	Good cover for Aculeate Hymenoptera.		
Copies Available	As contact		

Survey Name	Dave Sadler's Field Records - (2124)		
Survey Author	SADLER, Dave		
Survey Comment	Assorted records of mainly birds & dragonflies from sites or areas that have been regularly visited. Details of records vary from site to site.		
Date	various		
Site Name	Pulborough Brooks (E Part incl Land S of Sewage Works)	TQ060175	
Site Comment	An area of low-lying grazing meadows with wet ditches. Part of this site falls within RSPB Reserve.		
Copies Available	As contact		

Survey Name	EA National Fisheries Monitoring Programme: Fisheries Reports - (2786)		
Survey Author	ENVIRONMENT AGENCY		
Survey Comment	The National Fisheries Monitoring Programme (NFMP) was designed by the Agency to identify spatial and temporal trends and patterns in fish populations at a local and national level. The Sussex Area Ecological Appraisal Team have undertaken a programme of riverine fish population surveys to establish baseline data for each major watercourse in the Sussex area in line with the National Programme. 100m or 150m sections of river were sampled by either a single-catch or a 3-catch depletion using standard electric fishing techniques. Fisheries Reports (drawing upon data from as far back as approximately 1984) for each river provide info on species composition, population dynamics, biomass for each species, total fish biomass, length-weight relationship for each species, and length-age relationship for species of angling importance. 2005 Reports cover the rivers Arun, Adur, Cuckmere, Ouse, Rother, and Pevensey Levels.		
Date	various		
Site Name	River Adur (EA Site AD09: Lock Bridge)	TQ108188	
Site Comment	Environment Agency site. A 100m section at this location has been electrofished for the National Fisheries Monitoring Programme.		
Copies Available	EA, SxBRC Archive		

Survey Name	NCC Storm Damage Assessment Forms 1989-90 - (2799)		
Survey Author	BARTON, J.		
Survey Comment	Series of completed NCC storm damage assessment forms for various woodlands within Sussex.		
Date	02.89 - 12.90		
Site Name	Hurston Warren SSSI	TQ072171	
Site Comment	An area of wet heathland and woodland with several locally rare plants.		
Copies Available	EN		

Survey Name	Bat survey of buildings at Willetts Farm, West Chiltington, West Sussex - (2853)		
Survey Author	BATBOX Ltd.		
Survey Comment	Planning permission is being sought for the demolition and replacement of the existing buildings. A bat survey was therefore necessary. [spp data extracted].		
Date	24.7.05		
Site Name	Willetts Farm, West Chiltington	TQ096205	
Site Comment	Site comprises a number of large, fairly modern barn and warehouse type structures. Planning permission has been sought for the demolition of the existing structures (2005).		
Copies Available	SxBRC Digital		

Survey Name	Ecology Report - Nyetimber Vineyard - (3006)		
Survey Author	ECOLOGY CONSULTANCY Ltd (ECL)		
Survey Comment	Following on from a Phase 1 habitat survey, this report provides an assessment of the status of protected species on the site. The report includes an outline discussion of mitigation measures in respect of refurbishment and regeneration plans.		
Date	01.05 - 23.07.2008		
Site Name	Nyetimber Vineyard, West Chiltington	TQ083193	
Site Comment	Nyetimber Vineyard is located approximately 2km north-west of West Chiltington. The site is about 45ha in extent and 95% supports planted and self-established vegetation with the remainder being occupied by buildings and hard-standing, and ponds. The surrounding land use is mainly arable but there are a number of residential dwellings to the north and south, and West Chiltington Golf Club is situated adjacent to the south-east. Gay street runs north to south and marks the western boundary of the estate. There are public footpaths and a bridleway crossing the estate at a number of points.		
Copies Available	SxBRC Digital		

Survey Name	Report on the Entomological Interest of West Sussex Heathlands - (3101)		
Survey Author	EDWARDS, Mike, HODGE, P. J.		
Survey Comment	A report of the 1993 and 2003/4 entomological surveys of the remaining heathlands in West Sussex, published by the West Sussex Heathland Forum. The 1993 survey (ESD 609) collates data from 37 areas within the heathlands of West Sussex, drawing on both historical data held by the two authors over the period 1970 to 1993, and survey data collected during 1993. In the species list 112 species are designated as Heathland Indicators in a West Sussex context,. In the 2003/4 survey most sites were re-visited and new sites added. The list of Heathland Indicator species is expanded and both sets of data have been re-evaluated against the new list. Maps and assessments from the 1992 report are augmented by maps and assessments from the 2003/4 survey for each site.		
Date	1970 - 2004		
Site Name	Hurston Warren, 2003/4 Heathland Entomological Survey Area	TQ072168	
Site Comment			
Copies Available	SxBRC Archive		

## Glossary of Abbreviations

### Organisations:

BBCS	British Butterfly Conservation Society (now Butterfly Conservation)	<a href="http://www.sussex-butterflies.org.uk">www.sussex-butterflies.org.uk</a>
BMONH	Booth Museum of Natural History	Tel: 03000 290900
BSBI	Botanical Society of the British Isles	<a href="http://www.bsbi.org.uk">www.bsbi.org.uk</a>
BTO	British Trust for Ornithology	Tel: 01842 750050
EA	Environment Agency	Tel: 08708 506506 (Southern Regional Office)
EN	English Nature (now Natural England)	Tel: 03000 600 300 (Sussex Team)
ESCC	East Sussex County Council	Tel: 01273 481621 (County Ecologist)
FC	Forestry Commission	Tel: 01420 23337 (SE England)
FWAG	Farming and Wildlife Advisory Group	Tel: 01273 891190 (Sussex Area)
NCC	Nature Conservancy Council (now NE)	Contact NE
NE	Natural England	Tel: 03000 600 300 (Sussex Team)
NRA	National Rivers Authority (now EA)	Contact EA
NT	National Trust	Tel: 01372 453401 (South East Office)
RSPB	Royal Society for the Protection of Birds	Tel: 01273 775333 (SE Regional Office)
SBRS	Sussex Botanical Recording Society	<a href="http://www.sussexflora.org.uk">www.sussexflora.org.uk</a>
SOS	Sussex Ornithological Society	<a href="http://www.sos.org.uk">www.sos.org.uk</a>
SxBRC	Sussex Biodiversity Record Centre	Tel: 01273 497521
SxWT/SWT	Sussex Wildlife Trust	Tel: 01273 492630
WSCC	West Sussex County Council	Tel: 01243 756691 (County Ecologist)

### Designations:

AONB	Area of Outstanding Natural Beauty
COGS	County Geological/Geomorphological Site
LNR	Local Nature Reserve
NNR	National Nature Reserve
NP	National Park
RAMSAR	RAMSAR (internationally important wetlands)
RIGS	Regionally Important Geological/Geomorphological Site
SAC	Special Area of Conservation
SNCI	Site of Nature Conservation Importance
SPA	Special Protection Area
SSSI	Site of Special Scientific Interest

### Surveys:

Phase I	A broad habitat survey with a dominant species list and land use information.
Phase II	Mapping of vegetation communities with species lists and abundance/distribution.
Phase III	A detailed survey including ecological processes and long term monitoring information.
NVC	National Vegetation Classification.

## **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>	Cattlestone Farm		
<b>Site Ref:</b>	H54	<b>Owner:</b>	Private
<b>District:</b>	Horsham	<b>Size (ha):</b>	9.8
<b>Parish:</b>	West Chiltington	<b>Date:</b>	Identified May 1997
<b>National Grid Ref:</b>	TQ102200	<b>Author:</b>	Kate Ryland
<b>Habitat:</b>	Unimproved meadow and pasture		

#### Summary

Cattlestone Farm has been traditionally managed by the same family for over a century. The meadows and pastures on the farm have not been artificially fertilised and support many typical species of unimproved grassland. Old hedgerows separate the fields.

#### Site description

The site encompasses five fields of pasture and meadow. The largest, southern pasture contains some interesting plants of wet grassland including Marsh Foxtail *Alopecurus geniculatus*, Sneezewort *Achillea ptarmica*, Marsh Thistle *Cirsium palustre* and rushes *Juncus* spp.. An unusual feature of this pasture is a hummocky, waterlogged area which contains several bare ground species such as Marsh Cudweed *Gnaphalium uliginosum* and Common Swinecress *Coronopus squamatus*, but most notable is the Chamomile *Chamaemelum nobile* that grows on top of the hummocks and is rare in Sussex.

Adjacent to this pasture is a herb-rich grassland with much Common Knapweed *Centaurea nigra*, Wild Carrot *Daucus carota* and fine grasses, within which is a plum orchard where Dark Mullein *Verbascum nigrum* and Marsh Yellowcress *Rorippa islandica* grow, both species are uncommon.

North of the farmhouse a small meadow containing typical herbs adjoins a much larger meadow with frequent Ox-eye Daisy *Leucanthemum vulgare*, Common Bird's-foot-trefoil *Lotus corniculatus*, Wild Carrot, Meadow Vetchling *Lathyrus pratensis*, Red Clover *Trifolium pratense* and Common Knapweed.

The most northerly meadow has a very rich flora with unusually large populations of Pepper Saxifrage *Silaum silaus*, Ox-eye Daisy and Meadow Fescue *Festuca pratensis*. Other herbs in this meadow include Bugle *Ajuga reptans*, Yarrow *Achillea millefolium*, Tufted Vetch *Vicia cracca*, Selfheal *Prunella vulgaris* and Common Knapweed. A wide shaw of mixed native shrubs borders the meadow to the southeast.

#### Management recommendations

The continuous, traditional management of this farm is responsible for the existing interest of the grasslands so no changes to this sympathetic regime are suggested.

## SITE OF NATURE CONSERVATION IMPORTANCE (SNCI)

### West Sussex

<b>Site Name:</b>	Monkmead Woods		
<b>Site Ref:</b>	H61	<b>Owner:</b>	Private
<b>District:</b>	Horsham	<b>Size (ha):</b>	7.1
<b>Parish:</b>	West Chiltington	<b>Date:</b>	Identified Dec 2000
<b>National Grid Ref:</b>	TQ078167	<b>Author:</b>	Simon Curson
<b>Habitat:</b>	Wet heath, dry heath and deciduous woodland		

#### Summary

This is an area of wet heath, dry heath and woodland on the south west edge of West Chiltington Common, between Storrington and Pulborough. The site has scarce plants, a rare fungus and nearby sites have a very rare dragonfly that could colonise this site if management was appropriate.

#### Site description

Some areas of wet heath that are very rich in plant life with Oblong-leaved Sundew *Drosera intermedia*, Round-leaved Sundew *D. rotundifolia*, Many-stalked Spike-rush *Eleocharis multicaulis*, Bog Pondweed *Potamogeton polygonifolius*, Common Cotton-grass *Eriophorum angustifolium*, *Sphagnum papillosum*, *Sphagnum squarrosum* and *Sphagnum fimbriatum*. Other areas of the wet heath have been planted with trees. They are growing slowly and Birch is regenerating quickly. These areas tend to be poorer in plant life, but Marsh Pennywort *Hydrocotyle vulgaris* and Cross-leaved Heath *Erica tetralix* do grow under the trees. There are some areas with tussocks of Purple Moor Grass *Molinia caerulea*.

Areas of dry heath have Silver Hair-grass *Aira caryophyllea*, Deergrass *Scirpus cespitosus*, Heather *Calluna vulgaris* and Heath Speedwell *Veronica officinalis*.

Other areas have Alder/Birch carr on boggy and dry ground. The drier ground has mixed woodland on it. Plants of note are Yellow Iris *Iris pseudacorus*, Wood Club-rush *Scirpus sylvaticus*, Narrow-leaved Buckler fern *Dryopteris carthusiana*, *Sphagnum recurvum* and *Sphagnum palustre*.

A very rare fungus Bog's Beacon *Mitrula paludosa* is present on the wet heath and Green-flowered Helleborine *Epipactis phyllanthos* was recorded on the site in 1981. This site is close to one of the best valley bogs in West Sussex which has rare species such as Small Red Damselfly.

#### Management recommendations

There are problems with non-native, invasive plants such as Indian Balsam *Impatiens glandulifera*. If left they can quickly grow up and smother native plants. In order to retain the biodiversity of this site it would be best if these invasive plants were removed from the site. Many of the heath areas are becoming overgrown with Birch and these also need to be removed by pulling. Bracken is also invading and is best controlled by spraying. The site of the Bog's Beacon fungus should be left with a little shade.

In the wettest areas some ruts and scrapes could be dug to encourage the rarer plants such as sundews to seed into them. It is hoped that the Small Red Damselfly may colonise if scrapes and ruts are dug.



## 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](#).

## SITE OF SPECIAL SCIENTIFIC INTEREST (SSSI)

<b>Site Name:</b>	Hurston Warren		
<b>County:</b>	West Sussex		
<b>District:</b>	Horsham		
<b>Local Planning Authority:</b>	Horsham District Council		
<b>Size:</b>	66.4 hectares (164.1 acres)		
<b>National Grid Ref:</b>	TQ072171		
<b>Date Notified (Under 1949 Act):</b>	1954	<b>Date of last revision:</b>	1980
<b>Date Notified (Under 1981 Act):</b>	1985	<b>Date of last revision:</b>	-
<b>Other Information:</b>	-		

### Reason for Notification

Hurston Warren is an area of heathland on Lower Greensands and contains a range of habitats including woodland, wet and dry heath, open water and bog. The quaking bog which has developed over an old lake is regarded as one of the best examples of its type in the south east and contains several locally rare plants.

Much of the remaining open heath is managed as a golf course. In the drier parts of the site acid grassland of common bent-grass *Agrostis capillaris*, wavy hair-grass *Deschampsia flexuosa* and Yorkshire fog grass *Holcus lanatus* is intermixed with dry heath of ling *Calluna vulgaris* and bell heather *Erica cinerea*. In wetter areas a wet heath community with ling, cross-leaved heath *Erica tetralix*, purple moor-grass *Molinia caerulea*, rushes *Juncus* species and sedges *Carex* species has developed.

Only one of the bogs is a true 'quaking' bog, one where the surface is a floating raft of vegetation overlying open water or semi fluid peat. *Sphagnum* mosses carpet most of the surface but pools of base-poor water are present. Several notable plants include roundleaved sundew *Drosera rotundifolia*, bog asphodel *Narthecium ossifragum*, hare's tail cotton-grass *Eriophorum vaginatum* and cranberry *Vaccinium oxycoccos*. The bog north of this is totally vegetated by purple moor-grass, deer-grass *Trichophorum cespitosum*, *Sphagnum* mosses and cross-leaved heath.

Semi-natural woodland occupies much of the site but is very variable in composition. Pedunculate oak *Quercus robur* occurs in all the four main woodland types that are present. The first type is found on dry ground and comprises young oak, birch *Betula pendula* and rowan *Sorbus aucuparia* with a scrub element of gorse *Ulex europaeus*, broom *Cytisus scoparius* and bracken *Pteridium aquilinum*. The second woodland type is represented by a more mature woodland of oak, holly *Ilex aquifolium* and hawthorn *Crataegus monogyna*. The third stand type has colonised former areas of fen and wet heath; it is composed of oak, downy birch *Betula pubescens*, alder *Alnus glutinosa* and willow *Salix cinerea* above either a fen ground flora of woodrush *Luzula sylvatica*, yellow flag *Iris pseudacorus* and hemlock water dropwort *Oenanthe crocata* or a wet heath flora of ling, purple moor-grass and remote sedge *Carex remota*. The fourth wood type comprises mixed woodlands with oak, Scot's pine *Pinus sylvestris* and birch above dense stands of bracken.

## SITE OF SPECIAL SCIENTIFIC INTEREST (SSSI)

### Operations likely to damage the special interest

**Site name:** Hurston Warren (OLD1000444)

#### Ref. No. Type of operation

1. Cultivation, including ploughing, rotovating, harrowing, and re-seeding.
2. Grazing and changes in the grazing regime (including type of stock or intensity or seasonal pattern of grazing and cessation of grazing).
3. Stock feeding and changes in stock feeding practice.
4. Mowing or other methods of cutting vegetation and changes in the mowing or cutting regime (including hay making to silage and cessation).
5. Application of manure, fertilisers and lime.
6. Application of pesticides, including herbicides (weedkillers).
7. Dumping, spreading or discharge of any materials.
8. Burning.
9. The release into the site of any wild, feral or domestic animal\*, plant or seed.
10. The killing or removal of any wild animal\*, including pest control.
11. The destruction, displacement, removal or cutting of any plant or plant remains, including tree, shrub, herb, hedge, dead or decaying wood, moss, lichen, fungus, leaf-mould, turf.
12. Tree and/or woodland management+ and changes in tree and/or woodland management+.
- 13a. Drainage (including the use of mole, tile, tunnel or other artificial drains).
- 13b. Modification of the structure of watercourses (eg rivers, streams, springs, ditches, dykes, drains), including their banks and beds, as by re-alignment, re-grading and dredging.
- 13c. Management of aquatic and bank vegetation for drainage purposes.
14. The changing of water levels and tables and water utilisation (including irrigation, storage and abstraction from existing water bodies and through boreholes).
15. Infilling of ditches, dykes, drains, ponds, pools, marshes or pits.
- 16a. Freshwater fishery production and/or management, including sporting fishing and angling.
20. Extraction of minerals, including shingle, sand and gravel, topsoil, subsoil, shells and spoil.
21. Construction, removal or destruction of roads, tracks, walls, fences, hardstands, banks, ditches or other earthworks, or the laying, maintenance or removal of pipelines and cables, above or below ground.
22. Storage of materials.
23. Erection of permanent or temporary structures, or the undertaking of engineering works, including drilling.
26. Use of vehicles or craft likely to damage or disturb features of interest.
27. Recreational or other activities likely to damage or disturb features of interest.
28. Game and waterfowl management and hunting practice.

\* 'Animal' includes any mammal, reptile, amphibian, bird, fish or invertebrate.

+ Including afforestation, planting, clear and selective felling, thinning, coppicing, modification of the stand or underwood, changes in species composition, cessation of management.

## 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.

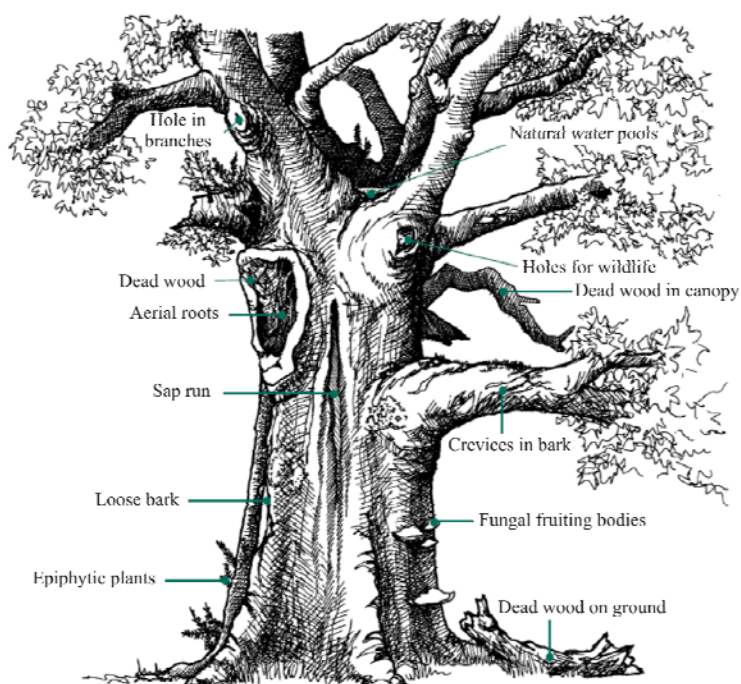
**Notable trees.** Locally important or of significance to the community; Specimen trees or considered to be the potential next generation of veteran trees.

### 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 *Limonicus 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.



### 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)

### Characteristic features of a veteran tree

Source: *Veteran Trees: A guide to good management*. Natural England, 2000.

# 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.)

## COASTAL & FLOODPLAIN GRAZING MARSH

Grazing marsh is periodically inundated pasture, or meadow with ditches that maintain the water levels, containing standing brackish or fresh water. Sites may contain seasonal water-filled hollows and permanent ponds with emergent swamp communities.

### **Why is it important?**

- Wading birds such as redshank feed on invertebrates forced close to the surface by the high water table and shallow surface floods.
- Around 500 species of vascular plant have been recorded from grazing marsh including rare species such as narrow-leaved water-dropwort.
- It supports large numbers of invertebrates including over a thousand nationally notable species.
- Drainage channels and open water associated with grazing marsh support a number of fish species and can provide important spawning areas.
- Water filled ditches are often used by otter, water vole, and various dragonflies.



Lapwing

### **Coastal and floodplain grazing marsh in Sussex**

Sussex has around 14,000 hectares of grazing marsh, with the rivers Arun, Adur, Ouse and Cuckmere all having important areas. Just under half of Sussex's floodplains consist of wet grassland, however much of this has been agriculturally improved decreasing its value for wildlife. Pevensey Levels is one of only three sites in Britain where the large fen raft spider is found, and two rare species of ramshorn snail can also be found in Sussex.

### **What are the threats?**

- Conversion to agriculture through drainage and fertilizer application.
- Drainage and flood defences can disrupt the hydrology of sites.
- Overgrazing, neglect or early grazing, can affect breeding birds.
- Water pollution, which can be exacerbated if concentrated by over-abstraction.
- Floodplain development, aggregate extraction and recreational pressure.
- Isolation and fragmentation of sites reduces dispersal opportunities making species more susceptible to extinction.

### **Some associated species**

- Lapwing *Vanellus vanellus*
- Merlin *Falco columbarius*
- Marsh mallow moth *Hydraecia osseola*
- Desmoulin's whorl snail *Vertigo moulinsiana*
- Greater water parsnip *Sium latifolium*
- Star sedge *Carex echinata*

### **Further information**

- Floodplain Meadows Partnership: [www.floodplainmeadows.org.uk](http://www.floodplainmeadows.org.uk)
- Sussex Wetland Landscapes Project: [www.sussexotters.org](http://www.sussexotters.org)

(Illustration courtesy of Natural England.)



## LOWLAND HEATHLAND

Heathland is a largely open landscape occurring on impoverished, acidic soils. It is characterised by plants such as heathers and dwarf gorses of varying height, and usually occurs with areas of other habitat such as acid grassland and open water.



Sand lizard

### **Why is it important?**

- Heathland is often interspersed with bare ground, acid grassland, gorse, bracken, bog and scattered trees. This provides a range of habitat, increasing value to wildlife.
- A diversity of invertebrates is found with rare species including wasps, beetles and spiders. Areas of bare ground are often particularly important to invertebrates.
- There is a relatively low number of plants; however many rare species are found, particularly in the wetter areas, including white-beak sedge and bog asphodel.
- The rare smooth snake and sand lizard are found on some West Sussex heathlands.
- Several uncommon birds thrive on heathland including nightjar and stonechat.

### **Heathland in Sussex**

Heathland in Sussex occurs mainly on the Wealden Greensand in West Sussex and in the High Weald of East Sussex, where Ashdown Forest contains the largest area of heathland remaining in South East England. The South Downs retain areas of chalk heath, a rare habitat that develops on acidic deposits overlying chalk, on which an interesting mix of chalk grassland and heathland plants are found.

### **What are the threats?**

- Lack of management results in a simplified vegetation structure and dominance of scrub.
- Agricultural improvement, including use of chemicals and intensive-livestock farming.
- Isolation and fragmentation of sites reduces dispersal opportunities making species more susceptible to extinction.
- Development including mineral extraction and conversion to conifer plantation.
- Recreation can cause disturbance to breeding birds, enrichment of soil and a danger of fire damage.

### **Some associated species**

- Dartford warbler *Sylvia undata*
- Sand lizard *Lacerta agilis*
- Bog bush-cricket *Metrioptera brachyptera*
- Heath tiger beetle *Cicindela sylvatica*
- Bog pimpernel *Anagallis tenella*
- Heath bedstraw *Galium saxatile*

(Illustration courtesy of Natural England.)

## NOTABLE ROAD VERGE

Notable Road Verges (NRVs) are areas of roadside verge that have been designated for their special wildlife interest. They can hold spectacular displays of wild flowers, including rare orchids and other plant species indicative of old meadows, and can be of great importance to invertebrates and fungi. There is no statutory protection for road verges, but they can be found within both non-statutory and statutory designations.

As linear features, road verges naturally traverse a wide range of habitat types, soils and geology. The species composition of NRVs can therefore be varied. Swathes of cow parsley, cuckoo flower, primroses and orchids can be found. Downland herbs, meadow flowers and heathers support a range of insects, as do the areas of bare ground which are used by nesting bees and wasps. Reptiles, amphibians and mammals can find shelter along these verges and use them as valuable green corridors.

As the Highway Authorities, the County Councils are responsible for the cutting and management of roadside verges, and they also have a responsibility to conserve biodiversity. Where health and safety measures allow, this is achieved by restricting cutting to certain times of the year (usually when wild flowers have set seed in late summer) and using different techniques to standard verge cutting. For example, in September 2008 West Sussex County Council undertook a hay cut on 19 NRVs across the county. Mimicking traditional grassland management techniques, grass was collected manually and removed, preventing the build up of excess nutrients and competitive plants.

The initiatives for designating and managing NRVs differ between East and West Sussex. NRVs in West Sussex are identified by short oak posts with red discs. In East Sussex they are marked by posts with yellow metal flowers.

In West Sussex, the following guidelines are used to help identify NRVs:

**1. Site supports locally rare, notable or protected species of flora or fauna.**

E.g. the plant coralroot. This type of bittercress is only found in two localised areas of the UK; the Sussex Weald and the Chilterns.

**2. Site is a good example of an uncommon, remnant or declining habitat.**

E.g. species of sandy grassland along Rock Road in the Parish of Washington.

**3. Site has good overall species diversity.**

E.g. Mallions Lane near Cuckfield.

**4. The assemblage of wild flowers has high aesthetic value.**

E.g. Franklyn Road outside Haywards Heath hospital with a wonderful display of common spotted orchids in early summer.

**5. Site has wildlife value that is regarded as important by the local community.**

E.g. Barnham Road at Eastergate.

(Illustration courtesy of Natural England.)



Common spotted orchid

## 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

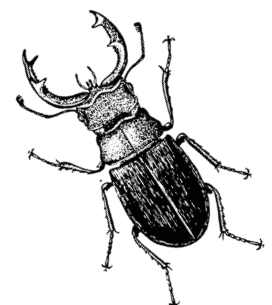
Wood-pasture and parkland is important for wildlife for a number of reasons:

- 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 soresdiata*.

### 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 reseedling, 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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