



**Ecological data search for land at Unit 2 Brookside Avenue,
Rustington**

On behalf of Marcus Fry (GreenLink Ecology Ltd)

Report reference SxBRC/24/592

Prepared on 04/11/2024



Contents

Introduction and summary of results

Important information

Maps

- 1 Statutory designations
- 2 Non-Statutory designations
- 3 Conservation management and stewardship
- 4 Section 41 habitats and other

Species data

- Table 1: Summary protected and designated species records
- Table 2: Summary bat records
- Table 3: Summary bird records
- Table 4: Summary invasive non-native species records

Map citation sheets

Annex: Supporting information

Introduction & Summary of Results

An ecological data search was carried out for land at Unit 2 Brookside Avenue, Rustington on behalf of Marcus Fry (GreenLink Ecology Ltd) on 04/11/2024.

The following datasets were consulted for this report:

	Requested	Radius/buffer size
Designated sites, habitats & ownership maps	Yes	1km
Protected, designated and invasive species	Yes	1km

Summary of results

Sites and habitats

Statutory sites	None present
Non-statutory sites	None present
Section 41 habitats	2 habitats
Ancient and/or ghyll woodland	None present

Protected and designated species

International designations	27 species	114 records
National designations	78 species	775 records
Other designations	148 species	1,483 records
Total	165 species	1,580 records

Invasive non-native species	20 species	59 records
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Important Information

PERMISSION

This report is valid until 04/11/2025

This report is for the internal use of Marcus Fry of GreenLink Ecology Ltd (which includes the client where applicable) to inform understanding of the site of interest. This report must not be distributed or published for an external or public audience, for example within the appendix of a report. However, data from within this report may be referenced as long as the Sussex Biodiversity Record Centre is acknowledged.

The separate summary sheet may be published.

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

The species data held by the Sussex Biodiversity Record Centre (SxBRC) are 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 data search from SxBRC will give the user a clear indication of what biological recording has taken place. 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.

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 data search reports.

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.

Maps

Based on data currently held at the Sussex Biodiversity Record Centre, the following appear within the search radius:

Statutory site designations	
None present	
Non-statutory site designations	
None present	
Conservation management and stewardship	
None present	
Section 41 habitats & other	
Coastal & floodplain grazing marsh Deciduous woodland	

Any citation sheets currently available can be found towards the back of this report.

PLEASE NOTE: Proposed/potential statutory site designations are not currently shown on our maps. Please consult Defra's MAGIC website to see if a proposed site is within the search area:

<https://magic.defra.gov.uk/MagicMap.aspx>

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.

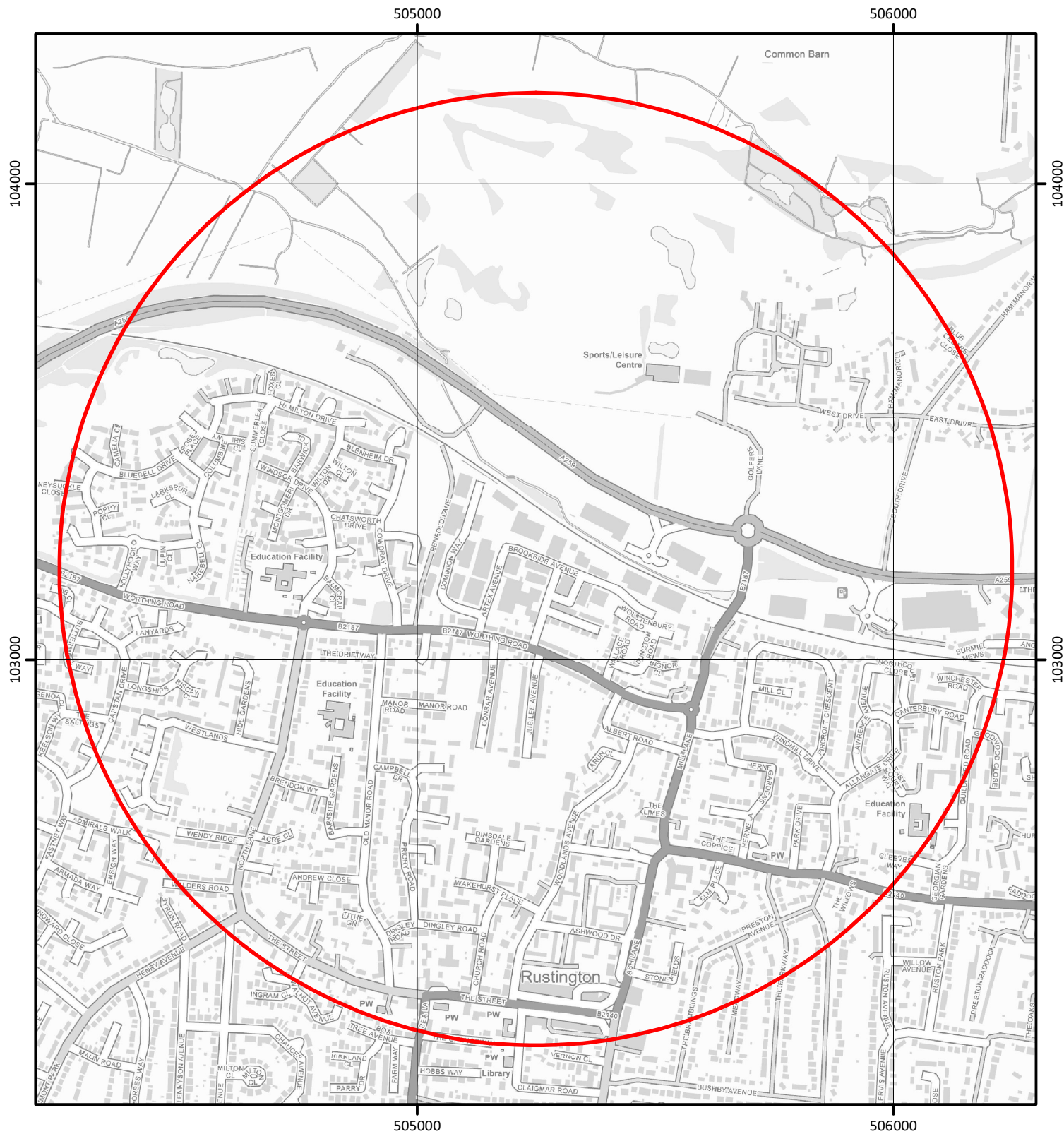
Map 1: Statutory site designations

Land at Unit 2 Brookside Avenue, Rustington + 1km radius

SxBRC/24/592 - 04/11/2024



Sussex
Biodiversity
Record Centre



Key to Map:

 Search area

Statutory designated site boundaries supplied by Natural England. Contains public sector information licensed under the Open Government Licence v3.0.

Contains Ordnance Survey data © Crown copyright and database rights 2024

0 0.175 0.35 km



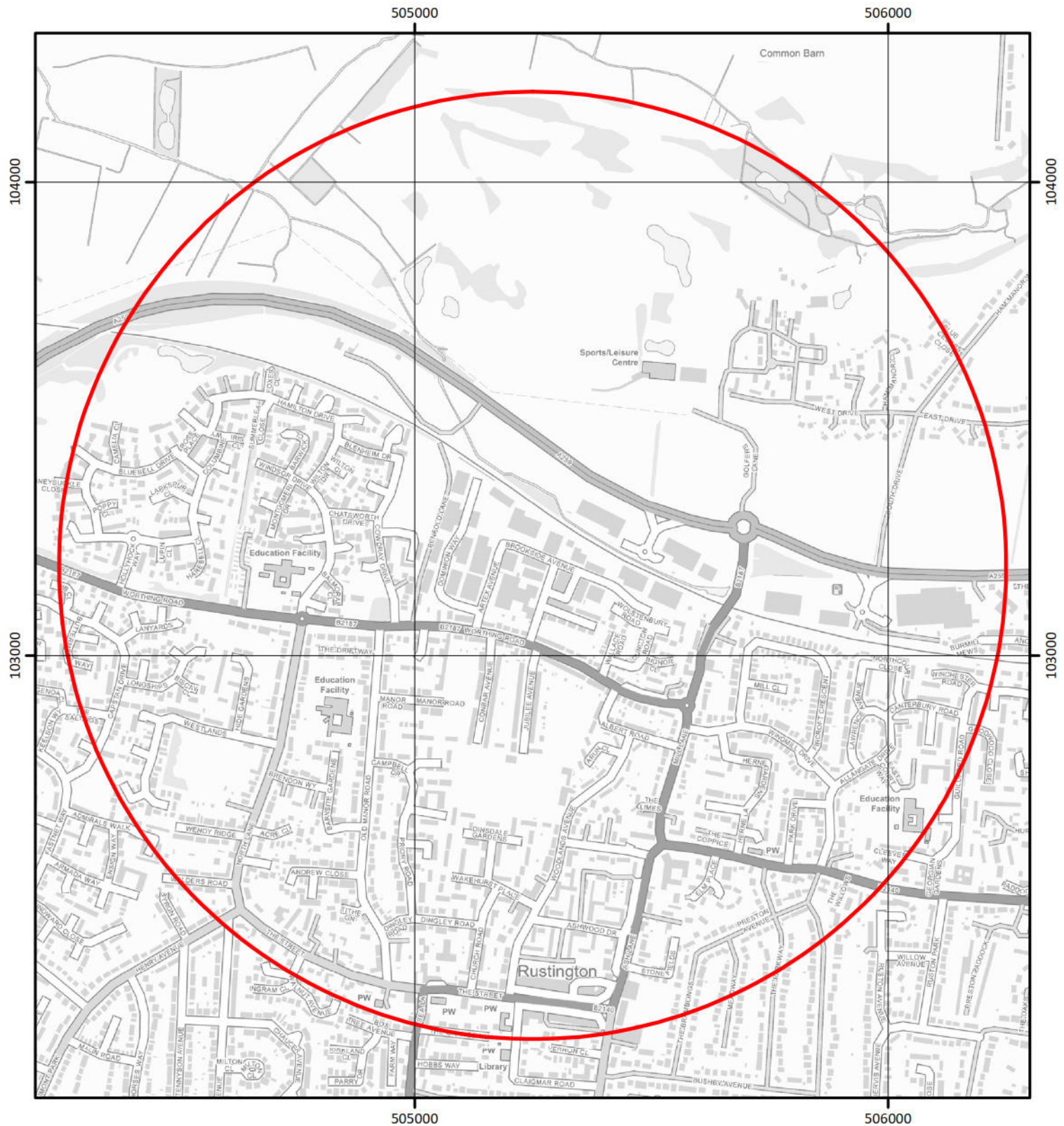
Map 2: Non-statutory site designations

Land at Unit 2 Brookside Avenue, Rustington + 1km radius

SxBRC/24/592 - 04/11/2024



Sussex
Biodiversity
Record Centre



Key to Map:

 Search area

Local Wildlife Site boundaries maintained by Sussex Biodiversity Record Centre (SxBRC) on behalf of Sussex Local Wildlife Sites Initiative. Notable Road Verge data provided by local authorities. Local Geological Site data created by SxBRC in partnership with Sussex Geodiversity Group.

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0 0.175 0.35 km



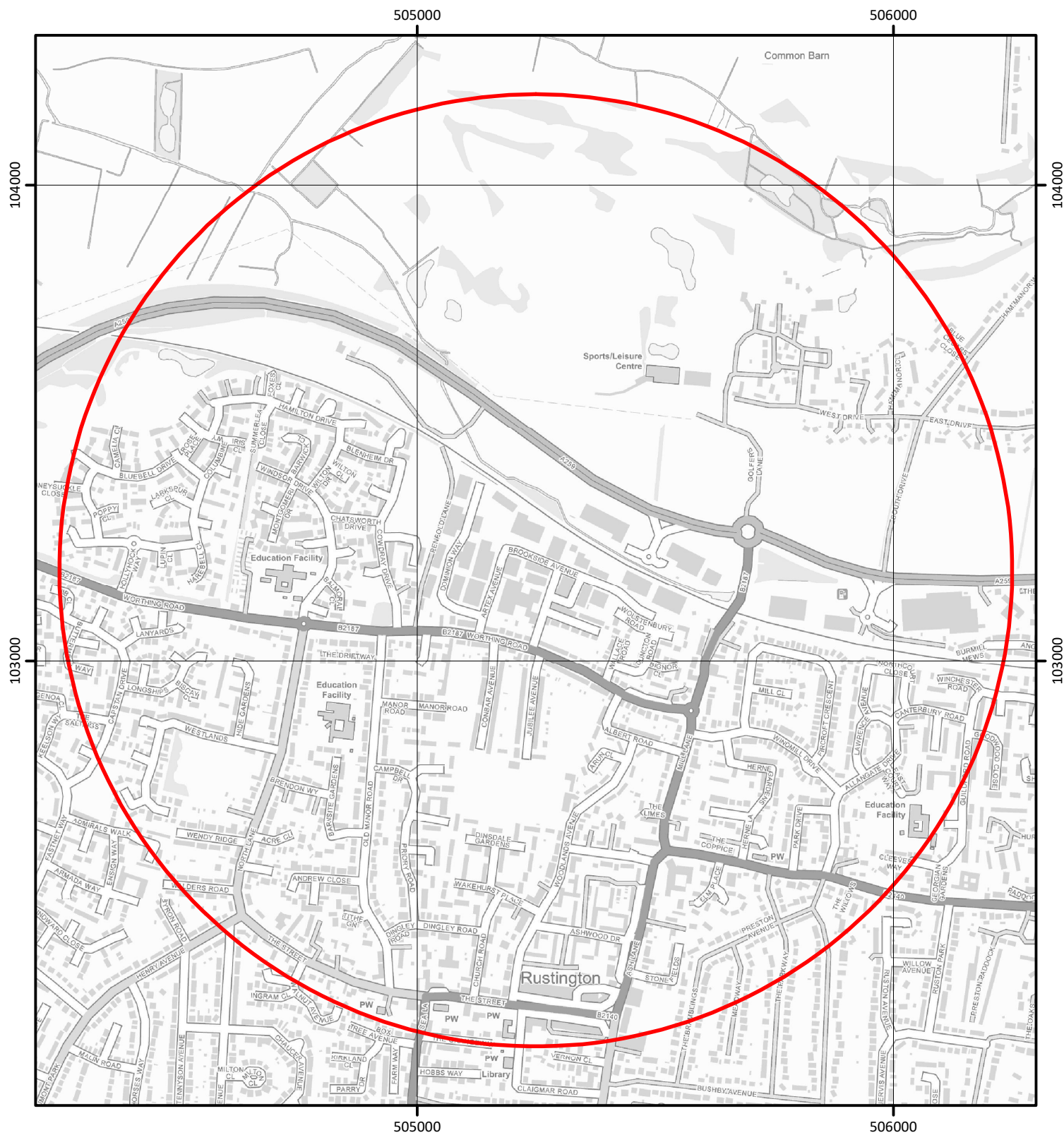
Map 3: Conservation management & stewardship

Land at Unit 2 Brookside Avenue, Rustington + 1km radius

SxBRC/24/592 - 04/11/2024



Sussex
Biodiversity
Record Centre



Key to Map:

 Search area

Stewardship data supplied by Natural England. Ownership data supplied by the Woodland Trust, Forestry Commission, National Trust, Sussex Wildlife Trust and Royal Society for the Protection of Birds.

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0 0.175 0.35 km



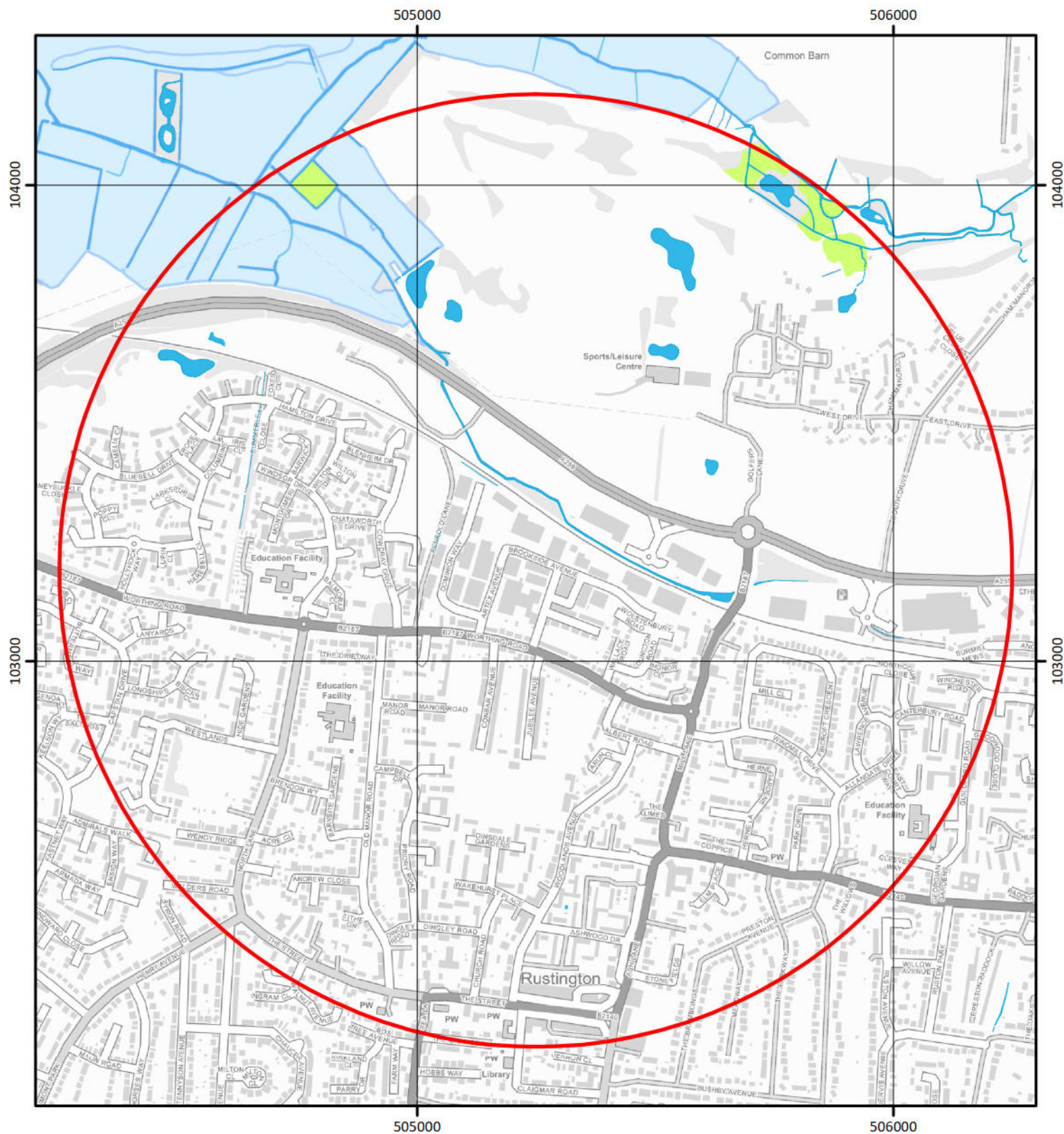
Map 4: Section 41 habitats and other

Land at Unit 2 Brookside Avenue, Rustington + 1km radius

SxBRC/24/592 - 04/11/2024



Sussex
Biodiversity
Record Centre



Key to Map:

- Search area
- Ancient or veteran tree
- Coastal & floodplain grazing marsh
- Open Water
- Deciduous woodland

Ancient woodland, and section 41 habitat data supplied by Natural England. Contains public sector information licenced under the Open Government Licence v.3.0. Additional contributors of habitat data include Sussex Wildlife Trust, South Downs Conservation Board, Environment Agency, Sussex Wetlands Landscapes Project, WSCC, RSPB, High Weald AONB Unit, Ancient Tree Hunt, and Tree Register of the British Isles.

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0 0.175 0.35 km



Species Data

Data presented on the following pages are from 1980 onwards and only include species which have a form of protection or designation. Data within this report is summary data only. Detailed species records are provided in a separate spreadsheet.

The following designations have been used:

Abbreviation	Designation
Birds Dir A1	Birds Directive Annex 1
Hab Dir A2 P	Habitats Directive Annex 2 Priority Species
Hab Dir A2 NP	Habitats Directive Annex 2 Non-Priority Species
Hab Dir A4	Habitats Directive Annex 4
Hab Reg Sch2	Conservation of Habitats & Species Regulations 2010 Schedule 2
Hab Reg Sch5	Conservation of Habitats & Species Regulations 2010 Schedule 5
WCA	Wildlife & Countryside Act 1981
NERC S41	Natural Environment & Rural Communities Act 2006 Section 41
UK BAP	UK Biodiversity Action Plan Priority Species
Red List	IUCN Red list
Rare/Scarce	Nationally rare or scarce (formerly Nationally Notable)
Sussex Rare	Sussex Rare Species Inventory
BoCC Red	Birds of Conservation Concern 4: Red list
BoCC Amber	Birds of Conservation Concern 4: Amber list
Notable Bird	Sussex Notable Bird List

Details of each designation can be found in the annex of supporting information at the end of this report.

Invasive non-native species records, which are also relevant to the planning process, appear in a separate table to the above.

Confidential records

Badger and otter records are not included in our reports.

Badgers

Local badger groups have requested that badger records remain confidential. If you need further information about badgers in your enquiry area please visit the Badger Trust website: www.badger.org.uk

Please be aware that there are several local groups covering different geographic areas within Sussex.

Otters

Otters became extinct in Sussex and many other parts of the UK in the late 1960s. This was a result of deteriorating water quality due to industrial and agricultural pollution, along with hunting and habitat degradation. Recent improvements to the state of watercourses and a reduction in persecution have led to the slow return of the otter to the South East. Sussex has over 4,500km of rivers and tributaries. There are no recent breeding otter records and very few resident otters in Sussex. Over the last 20 years however, signs of otter activity have been found in most of the Sussex river catchments.

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

Sensitive records

Wood White and Duke of Burgundy

These two rare butterfly species have a very restricted range in Sussex and so records are reported at a 1km resolution on advice from Butterfly Conservation Sussex Branch.

Table 1: Summary protected and designated species records (excluding bats and birds)

This table summarises records from 1980 onwards. See accompanying spreadsheet for detailed records.

See Table 2 for bat records, Table 3 for bird records and Table 4 for invasive non-native species.

Maximum abundance = highest total number of species recorded at one time.

N.B. Where 'Present' appears in abundance column, no single numerical figure for abundance was provided with the record.

Taxon name	Common name	International Designation	National Designation	Other Designation	Date of earliest record	Date of latest record	No. of records	Max. abundance
Amphibians								
<i>Bufo bufo</i>	Common Toad		WCA Sch5 s9.5a, NERC S41	UK BAP Priority	13/03/2014	03/06/2017	2	1
<i>Lissotriton vulgaris</i>	Smooth Newt		WCA Sch5 s9.5a		01/01/1992	02/03/1995	3	12
<i>Rana temporaria</i>	Common Frog		WCA Sch5 s9.5a		01/01/1992	2010	9	3
Higher Plants - Conifers								
<i>Juniperus communis</i> subsp. <i>communis</i>	Common Juniper		NERC S41	UK BAP Priority, RedList ENG post2001 NT, Sussex Rare	1982	1982	1	Present
Higher Plants - Flowering Plants								
<i>Arum italicum</i> subsp. <i>neglectum</i>	A Flowering Plant			RedList GB post2001 NT, Nat Scarce, Sussex Rare	1997	07/11/2005	5	1
<i>Buxus sempervirens</i>	Box			RedList GB post2001 DD, RedList ENG post2001 DD, Nat Rare, Sussex Rare	29/03/2018	29/03/2018	1	1
<i>Centaurea cyanus</i>	Cornflower		NERC S41	UK BAP Priority, Sussex Rare	11/07/2011	11/07/2011	1	1
<i>Chenopodium bonus-henricus</i>	Good-King-Henry			RedList GB post2001 VU, RedList ENG post2001 VU	1982	1982	1	Present
<i>Cichorium intybus</i>	Chicory			RedList ENG post2001 VU	11/07/2011	27/09/2020	2	1
<i>Erodium moschatum</i>	Musk Stork's-bill			Sussex Rare	12/07/2005	12/07/2005	1	1
<i>Fragaria vesca</i>	Wild Strawberry			RedList ENG post2001 NT	24/09/2005	10/04/2019	4	1

Taxon name	Common name	International Designation	National Designation	Other Designation	Date of earliest record	Date of latest record	No. of records	Max. abundance
<i>Galium parisiense</i>	Wall Bedstraw			RedList GB post2001 VU, RedList ENG post2001 VU, Nat Scarce, Sussex Rare	01/01/2010 - 31/12/2010	01/01/2010 - 31/12/2010	1	1
<i>Groenlandia densa</i>	Opposite-leaved Pondweed			RedList GB post2001 VU, RedList ENG post2001 VU, Sussex Rare	23/08/1990	23/08/1990	1	1
<i>Helleborus foetidus</i>	Stinking Hellebore			Nat Scarce, Sussex Rare	2006	03/04/2013	5	1
<i>Hyacinthoides non-scripta</i>	Bluebell		WCA Sch8		1982	16/05/2019	5	1
<i>Jacobaea aquatica</i>	Marsh Ragwort			RedList ENG post2001 NT	21/02/2011	21/02/2011	1	1
<i>Knautia arvensis</i>	Field Scabious			RedList ENG post2001 NT	01/01/2010 - 31/12/2010	01/01/2010 - 31/12/2010	1	1
<i>Mentha arvensis</i>	Corn Mint			RedList ENG post2001 NT	20/08/2009	13/11/2010	2	1
<i>Misopates orontium</i>	Weasel's-snout			RedList GB post2001 VU, RedList ENG post2001 VU, Sussex Rare	02/08/2012	02/08/2012	1	1
<i>Neottia nidus-avis</i>	Bird's-nest Orchid			RedList GB post2001 NT, RedList ENG post2001 VU	05/06/1983	05/06/1983	1	1
<i>Nymphoides peltata</i>	Fringed Water-lily			Nat Scarce	1988	1988	1	1
<i>Phyteuma spicatum</i>	Spiked Rampion		WCA Sch8, NERC S41	UK BAP Priority, RedList GB post2001 EN, RedList ENG post2001 EN, Nat Rare, Sussex Rare	30/04/2012	30/04/2012	1	1
<i>Plantago media</i>	Hoary Plantain			RedList ENG post2001 NT	1982	1982	1	Present
<i>Ranunculus flammula</i>	Lesser Spearwort			RedList ENG post2001 VU	20/08/2009	20/08/2009	1	1
<i>Salicornia dolichostachya</i>	Long-spiked Glasswort			Sussex Rare	1989	1989	1	1
<i>Sedum dasyphyllum</i>	Thick-leaved Stonecrop			Sussex Rare	01/02/2002	01/02/2002	1	1
<i>Sedum forsterianum</i>	Rock Stonecrop			Nat Scarce	21/06/2005	21/06/2005	1	1

Taxon name	Common name	International Designation	National Designation	Other Designation	Date of earliest record	Date of latest record	No. of records	Max. abundance
<i>Trifolium fragiferum</i>	Strawberry Clover			RedList GB post2001 VU, RedList ENG post2001 VU	2006	2006	1	1
Invertebrates - Beetles								
<i>Lucanus cervus</i>	Stag Beetle	Hab Dir A2 NP	WCA Sch5 s9.5a, NERC S41	UK BAP Priority, Nat Scarce, Sussex Rare	07/07/2012	25/06/2023	6	1
Invertebrates - Butterflies								
<i>Lasiommata megera</i>	Wall		NERC S41	UK BAP Priority, RedList GB post2001 NT	17/09/1988	17/09/1988	1	Present
<i>Papilio machaon</i>	Swallowtail		WCA Sch5 s9.1/s9.1 kill/s9.1 take/s9.4a/s9.4b/s9.4c/s9.5a	RedList GB post2001 NT	07/08/2014	07/08/2014	1	4
<i>Polyommatus bellargus</i>	Adonis Blue		WCA Sch5 s9.5a	RedList GB post2001 NT, Sussex Rare	1996 - 2000	1996 - 2000	3	1
<i>Polyommatus coridon</i>	Chalk Hill Blue		WCA Sch5 s9.5a	RedList GB post2001 NT	18/07/2014	14/07/2022	3	1
<i>Satyrrium w-album</i>	White-letter Hairstreak		WCA Sch5 s9.5a, NERC S41	UK BAP Priority, RedList GB post2001 EN	1996 - 2000	1996 - 2000	5	1
Invertebrates - Millipedes								
<i>Leptoiulus belgicus</i>	A Millipede			Nat Scarce	29/01/2022	29/01/2022	1	1
Invertebrates - Moths								
<i>Caradrina morpheus</i>	Mottled Rustic		NERC S41	UK BAP Priority	04/06/2023	04/06/2023	1	1
<i>Lymantria dispar</i>	Gypsy Moth			RedList GB Pre94 EX	09/08/2023	09/08/2023	1	1
<i>Mythimna l-album</i>	L-album Wainscot			Sussex Rare	24/06/2023	24/06/2023	1	1
<i>Mythimna pallens</i>	Common Wainscot			Sussex Rare	09/06/2020	19/08/2023	3	1
<i>Thera cupressata</i>	Cypress Carpet			Sussex Rare	22/06/2020	22/06/2020	1	1
<i>Tyria jacobaeae</i>	Cinnabar		NERC S41	UK BAP Priority	13/06/2020	24/06/2023	3	1
Invertebrates - Spiders								
<i>Ballus chalybeius</i>	A Spider			Nat Scarce	01/05/1991	01/05/1991	1	1
<i>Bathypantes setiger</i>	A Spider			Nat Scarce	01/07/1991	01/07/1991	1	1
<i>Entelecara flavipes</i>	A Spider			Nat Scarce	01/07/1991	01/07/1991	1	1
<i>Microctenonyx subitaneus</i>	A Spider			Nat Scarce	09/04/1991	01/07/1991	4	1
<i>Mioxena blanda</i>	A Spider			RedList GB post2001 DD, Nat Rare	01/10/1990	01/05/1991	3	1
<i>Palliduphantes insignis</i>	A Spider			Nat Scarce	14/05/1991	01/07/1991	2	1

Taxon name	Common name	International Designation	National Designation	Other Designation	Date of earliest record	Date of latest record	No. of records	Max. abundance
<i>Panamomops sulcifrons</i>	A Spider			Nat Scarce	14/05/1991	21/05/1991	2	1
<i>Parapelecopsis nemoralioides</i>	A Spider			Nat Scarce	01/05/1991	01/05/1991	1	1
<i>Styloctetor compar</i>	A Spider			Nat Scarce	22/07/1991	22/07/1991	1	1
Invertebrates - True Flies								
<i>Stratiomys potamida</i>	Banded General			Sussex Rare	30/07/2007	30/07/2007	2	1
Lichens								
<i>Blennothallia crispa</i>	A Lichen			Nat Rare	02/07/1992	02/07/1992	1	Present
<i>Pertusaria flavicans</i>	A Lichen			Sussex Rare	02/07/1992	02/07/1992	1	Present
<i>Solenopsora candicans</i>	A Lichen			Sussex Rare	1992	1992	2	1
<i>Verrucaria polysticta</i>	A Lichen			Nat Scarce	02/07/1992	02/07/1992	1	Present
Mammals - Terrestrial (excl. bats)								
<i>Erinaceus europaeus</i>	West European Hedgehog		NERC S41	UK BAP Priority, RedList GB post2001 VU	2005	11/09/2019	19	6
<i>Lepus europaeus</i>	Brown Hare		NERC S41	UK BAP Priority	11/01/2010	04/05/2010	2	4
<i>Oryctolagus cuniculus</i>	European Rabbit			RedList Global post2001 NT	01/09/2001	07/12/2010	2	25
Reptiles								
<i>Anguis fragilis</i>	Slow-worm		WCA Sch5 s9.1/s9.1 kill/s9.5a, NERC S41	UK BAP Priority	01/01/1993	07/05/2015	13	2
<i>Natrix helvetica</i>	Grass Snake		WCA Sch5 s9.1/s9.1 kill/s9.5a, NERC S41	UK BAP Priority	17/04/2015	29/04/2015	2	1
<i>Zootoca vivipara</i>	Common Lizard		WCA Sch5 s9.1/s9.1 kill/s9.5a, NERC S41	UK BAP Priority	04/06/1986	04/06/1986	1	1

Table 2: Summary bat records

This table summarises records from 1980 onwards. See accompanying spreadsheet for detailed records.

Maximum abundance = highest total number of bats recorded at one time.

N.B. Where 'Present' appears in abundance column, no single numerical figure for abundance was provided with the record.

Taxon name	Common name	International Designation	National Designation	Other Designation	Date of earliest record	Date of latest record	No. of records	Max. abundance
<i>Chiroptera</i>	Bat	Hab Dir A2 NP, Hab Dir A4	Hab Reg Sch2, WCA Sch5 s9.4b/s9.4c/s9.5a, NERC S41	UK BAP Priority, RedList GB post2001 CR, RedList GB post2001 EN, RedList GB post2001 VU, RedList GB post2001 NT, RedList GB post2001 DD	10/09/2017	10/09/2017	1	1
<i>Nyctalus noctula</i>	Noctule Bat	Hab Dir A4	Hab Reg Sch2, WCA Sch5 s9.4b/s9.4c/s9.5a, NERC S41	UK BAP Priority	20/09/2021	20/09/2021	1	1
<i>Pipistrellus</i>	Pipistrelle Bat species	Hab Dir A4	Hab Reg Sch2, WCA Sch5 s9.4b/s9.4c/s9.5a, NERC S41	UK BAP Priority, RedList GB post2001 NT	09/07/2007	09/07/2007	1	1
<i>Pipistrellus pipistrellus</i>	Common Pipistrelle	Hab Dir A4	Hab Reg Sch2, NERC S41, WCA Sch5 s9.4b/s9.4c/s9.5a	UK BAP Priority	24/05/1998	20/09/2021	4	4
<i>Pipistrellus pygmaeus</i>	Soprano Pipistrelle	Hab Dir A4	Hab Reg Sch2, WCA Sch5 s9.4b/s9.4c/s9.5a, NERC S41	UK BAP Priority	20/09/2021	20/09/2021	1	1

Table 3: Summary bird records

This table summarises all records from 1980 onwards. See accompanying spreadsheet for detailed records of Sussex Notable Birds (charged reports only).

Confidential records

Records of birds classed as confidential by the Sussex Ornithological Society (SOS) are not included in our reports. These records relate to a range of different species. No such records have been flagged up in this search area. The SOS should be contacted directly if potentially damaging operations are to occur.

Wetland Bird Survey (WeBS)

The data search area does not intersect with any WeBS count areas. For more information about WeBS visit <https://www.bto.org/volunteer-surveys/webs/data>.

Maximum abundance = highest total number of birds recorded at one time.

N.B. Where 'Present' appears in abundance column, no single numerical figure for abundance was provided with the record.

Taxon name	Common name	International Designation	National Designation	Other Designation	Date of earliest record	Date of latest record	No. of records	Max. abundance
<i>Accipiter gentilis</i>	Goshawk		WCA Sch1 Pt1	Notable Bird	09/04/2022	09/04/2022	1	1
<i>Accipiter nisus</i>	Sparrowhawk			Bird Amber	06/03/1994	03/09/2023	33	4
<i>Buteo buteo</i>	Buzzard				31/03/1991	21/01/2023	33	4
<i>Circus aeruginosus</i>	Marsh Harrier	Birds Dir A1	WCA Sch1 Pt1	Bird Amber, Notable Bird	28/03/2000	28/03/2000	1	1
<i>Circus cyaneus</i>	Hen Harrier	Birds Dir A1	WCA Sch1 Pt1, NERC S41	Bird Red, Notable Bird	09/01/1982	08/11/2019	5	1
<i>Haliaeetus albicilla</i>	White-tailed Eagle	Birds Dir A1	WCA Sch1 Pt1	Bird Amber	01/04/2021	08/04/2022	2	1
<i>Milvus milvus</i>	Red Kite	Birds Dir A1	WCA Sch1 Pt1	RedList Global post2001 NT, Notable Bird	22/09/1997	17/04/2023	11	3
<i>Pandion haliaetus</i>	Osprey	Birds Dir A1	WCA Sch1 Pt1	Bird Amber, Notable Bird	26/03/2020	26/03/2020	1	1
<i>Pernis apivorus</i>	Honey-buzzard	Birds Dir A1	WCA Sch1 Pt1	Bird Amber, Notable Bird	28/09/2000	28/09/2000	1	1
<i>Anas crecca</i>	Teal			Bird Amber, Notable Bird	28/11/2020	17/12/2023	4	18
<i>Anas platyrhynchos</i>	Mallard			Bird Amber, Notable Bird	19/05/1984	17/12/2023	44	45
<i>Anser anser</i>	Greylag Goose			Bird Amber	30/03/2020	11/01/2022	2	4
<i>Aythya ferina</i>	Pochard			Bird Red, Notable Bird	11/01/2022	11/01/2022	1	1
<i>Aythya fuligula</i>	Tufted Duck			Notable Bird	08/08/1996	03/05/2022	15	13

Taxon name	Common name	International Designation	National Designation	Other Designation	Date of earliest record	Date of latest record	No. of records	Max. abundance
<i>Branta canadensis</i>	Canada Goose				01/08/1998	11/01/2022	10	21
<i>Cygnus columbianus bewickii</i>	Bewick's Swan	Birds Dir A1	WCA Sch1 Pt1, NERC S41, NERC S41	UK BAP Priority, Bird Red	17/02/1995	17/02/1995	1	1
<i>Cygnus olor</i>	Mute Swan			Notable Bird	19/05/1984	10/05/2023	52	7
<i>Mareca sibilatrix</i>	Chilo ½ Wigeon				09/09/1983	09/09/1983	1	2
<i>Mareca strepera</i>	Gadwall			Bird Amber, Notable Bird	24/12/2011	11/01/2022	2	1
<i>Netta rufina</i>	Red-crested Pochard				14/03/1991 - 03/04/1991	16/05/1992	2	1
<i>Spatula clypeata</i>	Shoveler			Bird Amber, Notable Bird	24/12/1996	11/01/2022	2	1
<i>Apus apus</i>	Swift			Bird Red, Notable Bird	05/07/1996	25/05/2023	36	200
<i>Upupa epops</i>	Hoopoe		WCA Sch1 Pt1	Notable Bird	23/04/1980	22/04/2020	3	1
<i>Haematopus ostralegus</i>	Oystercatcher			Bird Amber, Notable Bird	22/08/2023	22/08/2023	1	7
<i>Pluvialis apricaria</i>	Golden Plover	Birds Dir A1			31/12/2000	31/12/2000	1	125
<i>Vanellus vanellus</i>	Lapwing		NERC S41	UK BAP Priority, Bird Red, Notable Bird	01/06/1996	25/12/2010	4	8
<i>Chroicocephalus ridibundus</i>	Black-headed Gull			Bird Amber, Notable Bird	17/01/2004	22/08/2023	54	319
<i>Ichthyaeetus melanocephalus</i>	Mediterranean Gull	Birds Dir A1	WCA Sch1 Pt1	Bird Amber, Notable Bird	19/01/1992	22/07/2021	29	2
<i>Larus argentatus</i>	Herring Gull		NERC S41	UK BAP Priority, Bird Red, Notable Bird	01/06/2001	28/10/2023	116	50
<i>Larus canus</i>	Common Gull			Bird Amber, Notable Bird	17/01/2004	19/11/2023	5	77
<i>Larus fuscus</i>	Lesser Black-backed Gull			Bird Amber, Notable Bird	01/06/2001	21/04/2020	16	7
<i>Larus hyperboreus</i>	Glaucous Gull			Bird Amber	21/01/1995	21/01/1995	1	1
<i>Larus marinus</i>	Great Black-backed Gull			Bird Amber, Notable Bird	17/01/2004	22/08/2023	9	3
<i>Actitis hypoleucos</i>	Common Sandpiper			Bird Amber, Notable Bird	14/09/1995	21/04/2012	4	1
<i>Arenaria interpres</i>	Turnstone			Bird Amber	12/04/2004	12/04/2004	1	50
<i>Calidris alba</i>	Sanderling			Bird Amber	12/04/2004	12/04/2004	1	2
<i>Calidris pugnax</i>	Ruff	Birds Dir A1	WCA Sch1 Pt1	Bird Red	15/01/1987 - 20/01/1987	15/01/1987 - 20/01/1987	1	1

Taxon name	Common name	International Designation	National Designation	Other Designation	Date of earliest record	Date of latest record	No. of records	Max. abundance
<i>Gallinago gallinago</i>	Snipe			Bird Amber, Notable Bird	14/11/1996	21/01/2023	7	11
<i>Limosa lapponica</i>	Bar-tailed Godwit	Birds Dir A1		Bird Amber	14/04/2004	14/04/2004	1	2
<i>Lymnocyptes minimus</i>	Jack Snipe				12/01/1985	12/01/1985	1	1
<i>Numenius phaeopus</i>	Whimbrel		WCA Sch1 Pt1	Bird Red	04/05/2017	08/05/2021	4	5
<i>Phalaropus lobatus</i>	Red-necked Phalarope	Birds Dir A1	WCA Sch1 Pt1	UK BAP Priority, Bird Red	22/09/1995	22/09/1995	1	1
<i>Scolopax rusticola</i>	Woodcock			Bird Red, Notable Bird	18/01/1985	15/01/1987	3	20
<i>Ardea alba</i>	Great White Egret			Bird Amber	01/10/2011	01/10/2011	1	1
<i>Ardea cinerea</i>	Grey Heron				21/11/2006	17/12/2023	49	7
<i>Egretta garzetta</i>	Little Egret	Birds Dir A1		Notable Bird	19/07/1998	21/01/2023	16	4
<i>Ciconia ciconia</i>	White Stork	Birds Dir A1			07/09/2017	16/04/2022	3	22
<i>Platalea leucorodia</i>	Spoonbill	Birds Dir A1	WCA Sch1 Pt1	Bird Amber	11/04/2020	11/04/2020	1	1
<i>Columba livia</i>	Rock Dove				21/11/2006	09/08/2023	26	24
<i>Columba oenas</i>	Stock Dove			Bird Amber, Notable Bird	04/04/1995	22/08/2023	28	5
<i>Columba palumbus</i>	Woodpigeon			Bird Amber	21/11/2006	28/10/2023	103	360
<i>Streptopelia decaocto</i>	Collared Dove				21/11/2006	22/08/2023	53	27
<i>Streptopelia turtur</i>	Turtle Dove		NERC S41	UK BAP Priority, Bird Red, Notable Bird	15/04/1984	24/04/1993	2	1
<i>Alcedo atthis</i>	Kingfisher	Birds Dir A1	WCA Sch1 Pt1	Notable Bird	24/12/1996	28/08/2022	17	7
<i>Merops apiaster</i>	Bee-eater		WCA Sch1 Pt1	Notable Bird	27/05/2022	27/05/2022	1	3
<i>Cuculus canorus</i>	Cuckoo		NERC S41	UK BAP Priority, Bird Red, Notable Bird	16/05/2007	08/05/2021	3	1
<i>Falco columbarius</i>	Merlin	Birds Dir A1	WCA Sch1 Pt1	Bird Red	30/10/1991	14/12/2012	2	1
<i>Falco peregrinus</i>	Peregrine	Birds Dir A1	WCA Sch1 Pt1	Notable Bird	23/09/1995	21/02/2021	3	2
<i>Falco subbuteo</i>	Hobby		WCA Sch1 Pt1	Notable Bird	13/09/1992	29/04/2009	5	1
<i>Falco tinnunculus</i>	Kestrel			Bird Amber, Notable Bird	27/04/1989	22/08/2023	31	2
<i>Numida meleagris</i>	Helmeted Guinea fowl				20/04/2021	25/05/2021	2	1
<i>Alectoris rufa</i>	Red-legged Partridge				24/04/2008	24/04/2008	1	2
<i>Perdix perdix</i>	Grey Partridge		NERC S41	UK BAP Priority, Bird Red, Notable Bird	22/01/1991	16/07/1998	2	9
<i>Phasianus colchicus</i>	Pheasant				05/06/1983	19/11/2023	29	20
<i>Grus grus</i>	Crane	Birds Dir A1		Bird Amber	03/06/2008	03/06/2008	1	1

Taxon name	Common name	International Designation	National Designation	Other Designation	Date of earliest record	Date of latest record	No. of records	Max. abundance
<i>Fulica atra</i>	Coot				20/05/1998	12/07/2022	42	14
<i>Gallinula chloropus</i>	Moorhen			Bird Amber	19/05/1984	17/12/2023	61	38
<i>Rallus aquaticus</i>	Water Rail				24/12/1996	11/01/2022	3	2
<i>Acrocephalus schoenobaenus</i>	Sedge Warbler			Bird Amber	19/05/1984	08/05/2021	5	2
<i>Acrocephalus scirpaceus</i>	Reed Warbler				01/06/1986	21/08/2022	30	5
<i>Aegithalos caudatus</i>	Long-tailed Tit				21/03/1997	16/04/2023	59	13
<i>Alauda arvensis</i>	Skylark		NERC S41	UK BAP Priority, Bird Red, Notable Bird	20/06/2005	15/05/2022	17	40
<i>Bombycilla garrulus</i>	Waxwing				16/02/1996	25/01/2013	14	33
<i>Certhia familiaris</i>	Treecreeper				01/01/1995	10/12/2022	14	2
<i>Cettia cetti</i>	Cetti's Warbler		WCA Sch1 Pt1	Notable Bird	08/11/2015	27/10/2022	15	2
<i>Coloeus monedula</i>	Jackdaw				21/11/2006	02/06/2022	51	133
<i>Corvus corax</i>	Raven				13/10/2019	14/10/2019	2	2
<i>Corvus corone</i>	Carrion Crow				21/11/2006	22/08/2023	83	78
<i>Corvus frugilegus</i>	Rook			Bird Amber	05/06/1983	30/03/2020	7	22
<i>Garrulus glandarius</i>	Jay				05/06/1983	29/09/2022	29	4
<i>Pica pica</i>	Magpie				21/11/2006	22/08/2023	95	28
<i>Emberiza calandra</i>	Corn Bunting		NERC S41	UK BAP Priority, Bird Red, Notable Bird	05/06/1983	04/11/2007	5	28
<i>Emberiza citrinella</i>	Yellowhammer		NERC S41	UK BAP Priority, Bird Red, Notable Bird	02/12/1990	13/03/2022	19	32
<i>Emberiza schoeniclus</i>	Reed Bunting		NERC S41	UK BAP Priority, Bird Amber, Notable Bird	19/05/1984	08/05/2021	8	2
<i>Acanthis cabaret</i>	Lesser Redpoll		NERC S41	UK BAP Priority, Notable Bird	12/11/1999	07/10/2020	2	2
<i>Carduelis carduelis</i>	Goldfinch				17/02/1998	19/11/2023	93	50
<i>Chloris chloris</i>	Greenfinch			Bird Red	12/01/1998	19/11/2023	50	50
<i>Coccothraustes coccothraustes</i>	Hawfinch		NERC S41	UK BAP Priority, Bird Red, Notable Bird	25/11/2017	01/03/2018	5	6
<i>Fringilla coelebs</i>	Chaffinch				21/11/2006	24/01/2022	44	18
<i>Fringilla montifringilla</i>	Brambling		WCA Sch1 Pt1		19/12/1997	05/12/1998	2	2
<i>Linaria cannabina</i>	Linnet		NERC S41	UK BAP Priority, Bird Red, Notable Bird	22/07/2007	08/05/2021	10	14
<i>Pyrrhula pyrrhula</i>	Bullfinch		NERC S41	UK BAP Priority, Bird Amber, Notable Bird	09/08/1998	11/01/2022	9	2
<i>Serinus serinus</i>	Serin		WCA Sch1 Pt1	Notable Bird	18/05/1986	18/05/1986	1	1

Taxon name	Common name	International Designation	National Designation	Other Designation	Date of earliest record	Date of latest record	No. of records	Max. abundance
<i>Spinus spinus</i>	Siskin				21/01/1998	11/04/2000	3	1
<i>Delichon urbicum</i>	House Martin			Bird Red, Notable Bird	05/06/1983	08/10/2023	33	250
<i>Hirundo rustica</i>	Swallow			Notable Bird	20/04/1992	08/10/2023	20	30
<i>Riparia riparia</i>	Sand Martin			Notable Bird	10/04/1994	10/04/1994	1	1
<i>Anthus pratensis</i>	Meadow Pipit			Bird Amber, Notable Bird	14/02/2006	17/12/2023	5	40
<i>Motacilla alba</i>	Pied Wagtail				02/06/1996	21/01/2023	22	25
<i>Motacilla alba yarrellii</i>	Pied Wagtail				06/05/2009	07/11/2021	11	4
<i>Motacilla cinerea</i>	Grey Wagtail			Bird Amber, Notable Bird	18/09/1995	26/02/2019	6	1
<i>Motacilla flava flava</i>	Blue-headed Wagtail		NERC S41	UK BAP Priority, Bird Red, Notable Bird	25/04/2013	25/04/2013	1	1
<i>Erithacus rubecula</i>	Robin				21/11/2006	17/12/2023	105	33
<i>Ficedula hypoleuca</i>	Pied Flycatcher			Bird Amber, Notable Bird	19/08/1998	19/08/1998	1	1
<i>Muscicapa striata</i>	Spotted Flycatcher		NERC S41	UK BAP Priority, Bird Red, Notable Bird	06/09/1998	06/09/1998	1	1
<i>Oenanthe oenanthe</i>	Wheatear			Bird Amber, Notable Bird	22/04/1998	25/09/2000	2	20
<i>Phoenicurus ochruros</i>	Black Redstart		WCA Sch1 Pt1	Bird Amber, Notable Bird	17/10/2012	04/12/2022	8	5
<i>Phoenicurus phoenicurus</i>	Redstart			Bird Amber, Notable Bird	31/08/1997	14/04/2020	5	1
<i>Saxicola rubetra</i>	Whinchat			Bird Red, Notable Bird	03/09/2007	03/09/2007	1	2
<i>Saxicola rubicola</i>	Stonechat				24/03/1984	21/01/2023	8	7
<i>Cyanistes caeruleus</i>	Blue Tit				21/11/2006	22/11/2023	96	20
<i>Parus major</i>	Great Tit				04/11/2007	19/11/2023	88	12
<i>Periparus ater</i>	Coal Tit				05/06/1983	02/04/2021	15	4
<i>Periparus ater ater</i>	Continental Coal Tit				10/11/2012	10/11/2012	1	1
<i>Poecile montanus</i>	Willow Tit		NERC S41	UK BAP Priority, Bird Red, Notable Bird	04/08/1983	04/08/1983	1	1
<i>Poecile palustris</i>	Marsh Tit		NERC S41	UK BAP Priority, Bird Red, Notable Bird	17/01/1985	29/10/1995	3	1
<i>Passer domesticus</i>	House Sparrow		NERC S41	UK BAP Priority, Bird Red, Notable Bird	17/05/1998	08/10/2023	76	100
<i>Phylloscopus collybita</i>	Chiffchaff				05/06/1983	19/11/2023	52	6

Taxon name	Common name	International Designation	National Designation	Other Designation	Date of earliest record	Date of latest record	No. of records	Max. abundance
<i>Phylloscopus sibilatrix</i>	Wood Warbler		NERC S41	UK BAP Priority, Bird Red, Notable Bird	10/05/1986	19/04/1988 - 19/04/1988	2	1
<i>Phylloscopus trochilus</i>	Willow Warbler			Bird Amber, Notable Bird	05/06/1983	16/04/2023	8	3
<i>Prunella modularis</i>	Dunnock		NERC S41	UK BAP Priority, Bird Amber, Notable Bird	21/11/2006	17/12/2023	74	20
<i>Regulus ignicapilla</i>	Firecrest		WCA Sch1 Pt1	Notable Bird	10/11/1992	13/01/2021	7	1
<i>Regulus regulus</i>	Goldcrest				09/12/1995	19/11/2023	40	5
<i>Pastor roseus</i>	Rose-coloured Starling				04/06/2001	09/06/2021	2	1
<i>Sturnus vulgaris</i>	Starling		NERC S41	UK BAP Priority, Bird Red, Notable Bird	17/04/1998	22/08/2023	95	140
<i>Curruca communis</i>	Whitethroat			Bird Amber, Notable Bird	22/10/1993	15/05/2022	15	15
<i>Curruca curruca</i>	Lesser Whitethroat				10/02/2010 - 04/04/2010	03/05/2021	3	1
<i>Sylvia atricapilla</i>	Blackcap				02/01/1994	22/11/2023	44	7
<i>Sylvia borin</i>	Garden Warbler				24/04/1993	14/06/2009	2	2
<i>Troglodytes troglodytes</i>	Wren			Bird Amber	21/11/2006	19/11/2023	69	15
<i>Turdus iliacus</i>	Redwing		WCA Sch1 Pt1	Bird Amber	04/11/2007	09/10/2023	18	30
<i>Turdus merula</i>	Blackbird				13/12/2002	17/12/2023	103	54
<i>Turdus philomelos</i>	Song Thrush		NERC S41	UK BAP Priority, Bird Amber, Notable Bird	16/06/1996	15/05/2022	64	20
<i>Turdus pilaris</i>	Fieldfare		WCA Sch1 Pt1	Bird Red	28/12/2004	17/12/2023	10	151
<i>Turdus torquatus</i>	Ring Ouzel		NERC S41	UK BAP Priority, Bird Red	13/10/2013	25/04/2021	2	1
<i>Turdus viscivorus</i>	Mistle Thrush			Bird Red, Notable Bird	05/06/1983	25/05/2021	26	6
<i>Phalacrocorax carbo</i>	Cormorant				12/01/2008	22/08/2023	22	8
<i>Dendrocopos major</i>	Great Spotted Woodpecker				07/06/1991	16/03/2023	37	4
<i>Dryobates minor</i>	Lesser Spotted Woodpecker		NERC S41	UK BAP Priority, Bird Red, Notable Bird	30/03/1981	01/10/2020	6	2
<i>Jynx torquilla</i>	Wryneck		WCA Sch1 Pt1	UK BAP Priority, Notable Bird	08/09/2022	08/09/2022	1	1
<i>Picus viridis</i>	Green Woodpecker			Notable Bird	29/06/1985	09/08/2023	42	5
<i>Podiceps auritus</i>	Slavonian Grebe	Birds Dir A1	WCA Sch1 Pt1	Bird Red	10/04/1994	10/04/1994	1	1
<i>Podiceps grisegena</i>	Red-necked Grebe			Bird Red	11/01/1992 - 18/01/1992	11/01/1992 - 18/01/1992	2	1

Taxon name	Common name	International Designation	National Designation	Other Designation	Date of earliest record	Date of latest record	No. of records	Max. abundance
<i>Tachybaptus ruficollis</i>	Little Grebe			Notable Bird	23/02/1999	03/05/2022	16	3
<i>Nymphicus hollandicus</i>	Cockatiel				28/09/1995	28/09/1995	1	1
<i>Melopsittacus undulatus</i>	Budgerigar				09/05/1992	09/05/1992	1	1
<i>Psittacula krameri</i>	Ring-necked Parakeet				31/01/2021	18/05/2021	4	2
<i>Asio flammeus</i>	Short-eared Owl	Birds Dir A1		Bird Amber, Notable Bird	20/04/2015	20/04/2015	1	1
<i>Asio otus</i>	Long-eared Owl			Notable Bird	01/05/1987	01/05/1987	1	1
<i>Athene noctua</i>	Little Owl				01/06/1982	19/10/2019	4	2
<i>Strix aluco</i>	Tawny Owl			Bird Amber, Notable Bird	06/03/1986	25/10/2018	31	2
<i>Tyto alba</i>	Barn Owl		WCA Sch1 Pt1	Notable Bird	12/05/2009	27/06/2023	5	2

Table 4: Summary invasive non-native species records

This table summarises records from 1980 onwards. See accompanying spreadsheet for detailed records.

Maximum abundance = highest total number of species recorded at one time.

N.B. Where 'Present' appears in abundance column, no single numerical figure for abundance was provided with the record.

Taxon name	Common name	Invasive Non-Native Designation	Date of earliest record	Date of latest record	No. of records	Max. abundance
Birds						
<i>Branta canadensis</i>	Canada Goose	WCA Sch 9 INNS	01/08/1998	11/01/2022	10	21
<i>Netta rufina</i>	Red-crested Pochard	WCA Sch 9 INNS	14/03/1991 - 03/04/1991	16/05/1992	2	1
<i>Psittacula krameri</i>	Ring-necked Parakeet	WCA Sch 9 INNS	31/01/2021	18/05/2021	4	2
Higher Plants - Flowering Plants						
<i>Allium triquetrum</i>	Three-cornered Garlic	WCA Sch 9 INNS	2006	10/04/2019	4	1
<i>Centranthus ruber</i>	Red Valerian	Sussex INNS	2005	20/06/2019	5	1
<i>Cotoneaster horizontalis</i>	Wall Cotoneaster	WCA Sch 9 INNS	1982	10/04/2019	4	1
<i>Crocasmia pottsii</i> x <i>aurea</i> = <i>C. x crocosmiiflora</i>	Montbretia	WCA Sch 9 INNS	2007	01/01/2010 - 31/12/2010	3	1
<i>Elodea nuttallii</i>	Nuttall's Waterweed	WCA Sch 9 INNS	17/09/2006	17/09/2006	1	1
<i>Fallopia japonica</i>	Japanese Knotweed	WCA Sch 9 INNS	2006	20/08/2009	3	1
<i>Hyacinthoides non-scripta</i> x <i>hispanica</i> = <i>H. x massartiana</i>	Bluebell	Sussex INNS	21/06/2005	10/04/2019	4	1
<i>Lamiastrum galeobdolon</i> subsp. <i>argentatum</i>	A Flowering Plant	WCA Sch 9 INNS	21/02/2011	21/02/2011	1	1
<i>Lemna minuta</i>	Least Duckweed	Sussex INNS	17/09/2006	17/09/2006	1	1
<i>Nymphoides peltata</i>	Fringed Water-lily	Sussex INNS	1988	1988	1	1
<i>Petasites fragrans</i>	Winter Heliotrope	Sussex INNS	21/06/2005	10/04/2019	4	1
<i>Prunus laurocerasus</i>	Cherry Laurel	Sussex INNS	01/01/2005	12/12/2013	3	1
<i>Quercus ilex</i>	Evergreen Oak	Sussex INNS	2005	01/01/2010 - 31/12/2010	4	1
Invertebrates - Beetles						
<i>Harmonia axyridis</i>	Harlequin Ladybird	Sussex INNS	15/07/2015	25/10/2016	2	10
Invertebrates - Moths						
<i>Lymantria dispar</i>	Gypsy Moth	Sussex INNS	09/08/2023	09/08/2023	1	1
<i>Thaumetopoea processionea</i>	Oak Processionary	Sussex INNS	01/08/2020	01/08/2020	1	1
Mammals - Terrestrial (excl. bats)						

Taxon name	Common name	Invasive Non-Native Designation	Date of earliest record	Date of latest record	No. of records	Max. abundance
<i>Sciurus carolinensis</i>	Eastern Grey Squirrel	WCA Sch 9 INNS	07/12/2010	07/12/2010	1	1

Map Citation Sheets

Any citations currently available for designated sites within the search area can be seen on the following pages.

Useful Contacts

Please use the following contacts for further advice or interpretation of the data in this report.

Local Wildlife Sites

Organisation	Sussex Local Wildlife Sites Initiative
Website	www.lws-sussex.org.uk
Email	[REDACTED]

Habitat data

Organisation	Sussex Biodiversity Record Centre
Email	[REDACTED]

Geological designations

Organisation	Sussex Geodiversity Partnership
Website	www.geodiversitysussex.org.uk/geodiversity

Statutory site advice

Organisation	Natural England – Sussex and Kent Area Team
Email	[REDACTED]
Telephone	[REDACTED]
Website	www.gov.uk/government/organisations/natural-england

General conservation advice

Organisation	Sussex Wildlife Trust
Email	[REDACTED]
Telephone	[REDACTED]
Website	www.sussexwildlifetrust.org.uk/discover/wildlife-advice

County Species Recorders

Visit www.sxbrc.org.uk/recording/countyRecorders for contact details of local experts covering most taxonomic groups.

Supplying records

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 but recommend the use of [iRecord](#).

Please contact the Record Centre for further information: [REDACTED]

Annex – Supporting Information

Statutory site designations

Non-statutory site designations

Species designations

Sussex notable bird list

Sussex invasive non-native species

Statutory site designations

Site of Special Scientific Interest (SSSI)

Sites of Special Scientific Interest 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.

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.

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.

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 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.

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 it came into being on 1st April 2010.

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 the High Weald. Each has an associated body concerned with the area's conservation.

Marine Conservation Zone (MCZ)

Marine Conservation Zones can be established to protect nationally important marine wildlife, habitats, geology and geomorphology and can be designated anywhere in English and Welsh inshore and UK offshore waters. They are established under the Marine and Coastal Access Act (2009). MCZs will be one of six designations contributing to an ecologically coherent network of marine protected areas.

Local Nature Reserve (LNR)

Local Nature Reserves may be declared by local authorities under the National Parks and Access to the Countryside Act 1949. LNRs are declared and managed for nature conservation, and provide opportunities for research and education, or simply enjoying and having contact with nature. Some LNRs are also SSSIs. There are 36 LNRs in Sussex.

Country Park

Country Parks are statutorily declared and managed by local authorities in England and Wales under the Countryside Act 1968. They are primarily intended for recreation and leisure opportunities close to population centres and do not necessarily have any nature conservation importance. However, many are in areas of semi-natural habitat and so form a valuable network of locations at which informal recreation and the natural environment coexist. There are 11 Country Parks in Sussex, the details of which can be obtained from the local authorities.

Non-statutory site designations

Local Wildlife Site (LWS)

Overview: In Sussex, Local Wildlife Sites (LWS) were originally named Sites of Nature Conservation Importance (SNCI), but the LWS terminology has now been adopted to align with [Defra guidance](#).

Local Wildlife Sites are non-statutory designated sites recognised as being of considerable ecological value. They provide crucial additional spaces for nature alongside the statutory protected sites network. LWS are recognised by local planning authorities across Sussex and the importance of these sites is recognised in their Local Plans. Assessment and review of LWSs is an ongoing process, overseen by the Sussex Local Wildlife Sites Initiative partnership, whose Technical Panel takes site-level decisions based upon the latest available ecological information. More information about LWSs in Sussex, including local LWS selection criteria, can be found at [Sussex Local Wildlife Sites Initiative](#).

Historical context: In May 1990 a Sussex project was instigated to identify valuable wildlife sites and protect them from land management changes which may lessen their nature conservation interest, as well as to encourage sensitive management to maintain and enhance their importance. Selection of these Sites of Nature Conservation Importance (SNCI) was made, after extensive survey work, by a panel of expert ecologists, including representatives from the County Councils, English Nature (as was) and Sussex Wildlife Trust. A range of specialists with either specific species knowledge or a sound knowledge of the county's ecology were also involved. Subsequently, a patchwork of separate SNCI systems evolved across Sussex:

- In West Sussex, an 'SNCI Initiative' led by the County Council managed the system until 2015.
- In Brighton & Hove, the City Council managed its own system until 2018.
- In East Sussex each District and Borough maintained its own suite of sites, some with review programmes and additional sites designated, until 2018.

In 2011, a significant change occurred when the newly formed South Downs National Park Authority became the statutory planning authority for the South Downs National Park – an area that cuts across this patchwork of different systems.

Current status: In 2018, a renewed focus on LWS systems across Sussex led to the establishment of the current Sussex Local Wildlife Sites Initiative, which is actively reviewing sites across Sussex and updating the evidence base. The Initiative is hosted by Sussex Wildlife Trust and is managed and co-ordinated by the Sussex LWS Initiative team, who are based at Sussex Biodiversity Record Centre. It is supported by a broad partnership of organisations, working under the umbrella of the Sussex Local Nature Partnership.

Local Geological Site (LGS)

Previously known as Regionally Important Geological/Geomorphological Sites (RIGGS), Local Geological Sites 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](#).

Designated Road Verge (DRV)

Designated Road Verges (DRVs) 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 DRVs 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.

The initiatives for designating and managing DRVs differ between East and West Sussex. DRVs 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 DRVs:

- 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.

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. 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.

Species designations

International legislation

Birds Directive

The European Union meets its obligations for bird species under the Bern Convention and Bonn Convention and more generally by means of Directive 2009/147/EC (Birds Directive) on the conservation of wild birds. The Directive provides a framework for the conservation and management of, and human interactions with, wild birds in Europe.

Annex 1	Birds which are in danger of extinction; vulnerable to specific changes in their habitat; considered rare because of small populations or restricted local distribution; requiring particular attention for reasons of the specific nature of habitat. Their most suitable territories are protected by the designation of Special Protection Areas (SPA).
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Habitats Directive

Council Directive 92/43/EEC on the Conservation of natural habitats and of wild fauna and flora, known as the Habitats Directive, was adopted in 1992. The Directive is the means by which the European Union meets its obligations under the Bern Convention. The Directive is transposed into UK law through the The Conservation of Habitats and Species Regulations 2010 (see below).

Annex 2	Species considered to be most in need of conservation at a European level (excluding birds). Special Areas of Conservation (SACs) are strictly protected sites designated under the Habitats Directive and provide a network of important high-quality conservation sites that will make a significant contribution to conserving Annex 2 species. Priority species - Species which are endangered, the conservation of which the European Community has a particular responsibility in view of the proportion of their natural range which falls within the territory of the Community. Non-priority species - Species of Community interest (i.e. endangered, vulnerable, rare or endemic in the European Community) whose conservation requires the designation of special areas of conservation.
Annex 4	Animal and plant species of Community interest (i.e. endangered, vulnerable, rare or endemic in the European Community) in need of strict protection. They are protected from killing, disturbance or the destruction of them or their habitat.

National legislation

The Conservation of Habitats and Species Regulations 2010

This is a transposition of the Habitats Directive into UK legislation. The Regulations provide for the designation and protection of 'European sites', the protection of 'European protected species', and the adaptation of planning and other controls for the protection of European Sites. Under the Regulations, government departments and public bodies have a general duty, in the exercise of any of their functions, to have regard to the Habitats Directive.

Schedule 2 lists European protected species of animals

Schedule 5 lists European protected species of plants

Wildlife & Countryside Act 1981

The Wildlife and Countryside Act 1981 (WCA) remains one of the most important pieces of wildlife legislation in Great Britain. This legislation is the means by which the Convention on the Conservation of European Wildlife and Natural Habitats (the 'Bern Convention') and the European Union Directives on the Conservation of Wild Birds (79/409/EEC) and Natural Habitats and Wild Fauna and Flora (92/43/EEC) are implemented. The Act is divided into four parts; Part I is concerned with the protection of wildlife and is split into 27 Sections. Schedules of species relevant to the planning process are detailed as follows:

Schedule 1 Part 1	Birds protected by special penalties at all times.
Schedule 5 Section 9.1 (killing/injuring)	Animals which are protected from intentional killing or injuring.
Schedule 5 Section 9.1 (taking)	Animals which are protected from taking.
Schedule 5 Section 9.4a	Animals which are protected from intentional damage or destruction to any structure or place used for shelter or protection.
Schedule 5 Section 9.4b	Animals which are protected from intentional disturbance while occupying a structure or place used for shelter or protection.
Schedule 8	Plants which are protected from intentional picking, uprooting or destruction (Section 13 Part 1a); selling, offering for sale, possessing or transporting for the purpose of sale, any plant (live or dead, part or derivative) (Section 13 Part 2a); advertising (any of these) for buying or selling (Section 13 Part 2b).
Natural Environment & Rural Communities (NERC) Act Section 41 Species Also known as 'Species of Principle Importance in England' and the 'England Biodiversity List', this list was developed to meet the requirements of Section 40 of the NERC Act (2006). The list is derived from the 2007 revised list of UK BAP Priority Species. It is used to guide decision-makers, such as public bodies, in implementing their duty under Section 40 of the Act 'to have regard' to the conservation of biodiversity in England, when carrying out their normal functions.	
Section 41	Lists species " <i>of principal importance for the purpose of conserving biodiversity</i> ".

Other species designations

IUCN Red List of Threatened Species

The IUCN Red List categories are intended to be an easily and widely understood system for classifying species at high risk of global extinction. The list is divided into nine categories, of which the following are used in this report:

Extinct	A taxon is Extinct when there is no reasonable doubt that the last individual has died. A taxon is presumed Extinct when exhaustive surveys in known and/or expected habitat, at appropriate times (diurnal, seasonal, annual), throughout its historic range have failed to record an individual. Surveys should be over a time frame appropriate to the taxon's life cycle and life form.
Extinct in the wild	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. A taxon is presumed Extinct in the Wild when exhaustive surveys in known and/or expected habitat, at appropriate times (diurnal, seasonal, annual), throughout its historic range have failed to record an individual. Surveys should be over a time frame appropriate to the taxon's life cycle and life form.
Critically endangered	A taxon is Critically Endangered when the best available evidence indicates that it meets any of the criteria A to E for Critically Endangered, and it is therefore considered to be facing an extremely high risk of extinction in the wild.
Endangered	A taxon is Endangered when the best available evidence indicates that it meets any of the criteria A to E for Endangered, and it is therefore considered to be facing a very high risk of extinction in the wild.
Vulnerable	A taxon is Vulnerable when the best available evidence indicates that it meets any of

	the criteria A to E for Vulnerable, and it is therefore considered to be facing a high risk of extinction in the wild.
Near threatened	A taxon is Near Threatened when it has been evaluated against the criteria but does not qualify for Critically Endangered, Endangered or Vulnerable now, but is close to qualifying for or is likely to qualify for a threatened category in the near future.
Least concern	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. Widespread and abundant taxa are included in this category.
Data deficient	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. A taxon in this category may be well studied, and its biology well known, but appropriate data on abundance and/or distribution are lacking. Data Deficient is therefore not a category of threat. Listing of taxa in this category indicates that more information is required and acknowledges the possibility that future research will show that threatened classification is appropriate. It is important to make positive use of whatever data are available. In many cases great care should be exercised in choosing between DD and a threatened status. If the range of a taxon is suspected to be relatively circumscribed, and a considerable period of time has elapsed since the last record of the taxon, threatened status may well be justified.
Nationally rare/scarse species	
Nationally rare	Occurring in 15 or fewer hectads in Great Britain. Excludes rare species qualifying under the main IUCN criteria.
Nationally rare marine	Occurring in eight or fewer 10km x 10km grid squares containing sea (or water of marine saline influence) within the three mile territorial limit.
Nationally scarce	Occurring in 16-100 hectads in Great Britain. Excludes rare species qualifying under the main IUCN criteria. This category replaces Notable, Notable A and Notable B.
Nationally scarce marine	Occurring in nine to 55 10km x 10km grid squares containing sea (or water of marine saline influence) within the three mile territorial limit.
Nationally Notable A	Taxa which do not fall within Red Data Book categories but which are none-the-less uncommon in Great Britain and thought to occur in 30 or fewer 10km squares of the National Grid or, for less-well recorded groups, within seven or fewer vice-counties. Superseded by Nationally Scarce, and therefore no longer in use.
Nationally Notable B	Taxa which do not fall within Red Data Book categories but which are none-the-less uncommon in Great Britain and thought to occur in between 31 and 100 10km squares of the National Grid or, for less-well recorded groups, between eight and twenty vice-counties. Superseded by Nationally Scarce, and therefore no longer in use.
Nationally Notable	Species which are estimated to occur within the range of 16 to 100 10km squares. (subdivision into Notable A and Notable B is not always possible because there may be insufficient information available). Superseded by Nationally Scarce, and therefore no longer in use.
Birds of Conservation Concern 4: Red list	Birds 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
Birds of Conservation Concern 4: Amber list	Birds with an 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.
UK Biodiversity Action Plan Priority Species	The UK List of Priority Species contains 1150 species that have been listed as priorities for conservation action under the UK Biodiversity Action Plan (UK BAP).
Local inventories	
Sussex Rare Species Inventory	The Sussex Rare Species Inventory contains over 3,400 species. These species are selected according to strict criteria of rarity associated with their occurrence in Sussex. It includes species which fall into the above categories of rarity as well as county rarities.
Sussex Notable Bird List	The Sussex Notable Bird List consists of species that are particularly scarce or vulnerable to development. See next page for full details.

Sussex Notable Bird List

The Sussex Notable Bird List consists of species that are particularly scarce or vulnerable to development. It includes species which are either on the Birds of Conservation Concern Red and Amber lists, NERC Section 41 or Schedule 1 species known to have bred in Sussex, have been recorded in summer and may breed in the future or have vulnerable overwintering populations in Sussex. The separate Excel report will show records of these species based on selection criteria decided on by the Sussex Ornithological Society (SOS).

These records are not available to the general public due to the sensitivity of the data. The SOS has kindly shared these records with us, with the view that better planning decisions can be made with their availability.

Below is the list of species and the date ranges/criteria for their inclusion:

Species	Record type treated as notable in Sussex
Dark-bellied Brent Goose	All records
Mute Swan	Confirmed or probable breeding or late May - early July records
Bewick's Swan	All records
Whooper Swan	All records
White-fronted Goose	All records
European Greater White-fronted Goose	All records
Greenland Greater White-fronted Goose	All records
Common Shelduck	Confirmed or probable breeding or late May - early July records
Wigeon	Confirmed or probable breeding or late May - early July records
Gadwall	Confirmed or probable breeding or late May - early July records
Teal	Confirmed or probable breeding or late May - early July records
Mallard	Confirmed or probable breeding or late May - early July records
Pintail	Confirmed or probable breeding or late May - early July records
Garganey	Confirmed or probable breeding or late May - early July records
Shoveler	Confirmed or probable breeding or late May - early July records
Pochard	Confirmed or probable breeding or late May - early July records
Tufted Duck	Confirmed or probable breeding or late May - early July records
Scaup	All records
Common Scoter	All records
Little Egret	Confirmed or probable breeding records + roost
Purple Heron	All records
Bittern	All records
Little Bittern	All records
Spoonbill	All records
Black Grouse	All records
Grey Partridge	Confirmed or probable breeding or March - August records
Quail	Confirmed or probable breeding or March - August records
Red-throated Diver	All records
Black-throated Diver	All records
Great Northern Diver	All records
Little Grebe	Confirmed or probable breeding or late May - early August records
Slavonian Grebe	All records
Fulmar	Confirmed or probable breeding records
Balearic Shearwater	All records
Leach's Petrel	All records
Honey-buzzard	Information provided in summary only
Red Kite	Confirmed or probable breeding or March - August records + roost
White-tailed Eagle	All records
Marsh Harrier	Information provided in summary only
Hen Harrier	Roost
Pallid Harrier	All records
Montagu's Harrier	Information provided in summary only
Goshawk	Information provided in summary only
Golden Eagle	All records

Osprey	Mid-May to July records
Kestrel	Confirmed or probable breeding or May - July records
Merlin	All records
Hobby	Confirmed or probable breeding or April - August records
Gyr Falcon	All records
Peregrine	Information provided in summary only
Spotted Crane	Information provided in summary only
Corncrake	All records
Oystercatcher	Confirmed or probable breeding or late May - early July records
Little Ringed Plover	Confirmed or probable breeding or April - July records
Ringed Plover	Confirmed or probable breeding or late May - early July records
Dotterel	All records
Lapwing	Confirmed or probable breeding or April - June records
Black-winged Stilt	April to August records
Avocet	Confirmed or probable breeding or March - July records
Stone-curlew	Information provided in summary only
Common Sandpiper	Confirmed or probable breeding or late May - early July records
Snipe	Confirmed or probable breeding or April - July records
Curlew	Confirmed or probable breeding or April - July records
Woodcock	Confirmed or probable breeding or March - August records
Ruff	All records
Black-tailed Godwit	All records
Redshank	Confirmed or probable breeding or April - July records
Wood Sandpiper	All records
Red-necked Phalarope	All records
Little Gull	All records
Little Tern	Confirmed or probable breeding records
Mediterranean Gull	Confirmed or probable breeding records
Common Gull	Confirmed or probable breeding records
Lesser Black-backed Gull	Confirmed or probable breeding records
Yellow-legged Gull	Confirmed or probable breeding or April - June records
Herring Gull	Confirmed or probable breeding records
Great Black-backed Gull	Confirmed or probable breeding records
Black-headed Gull	Confirmed or probable breeding records
Kittiwake	Confirmed or probable breeding records
Black Tern	All records
Sandwich Tern	Confirmed or probable breeding records
Common Tern	Confirmed or probable breeding records
Roseate Tern	All records
Stock Dove	Confirmed or probable breeding or May - July records
Turtle Dove	Confirmed or probable breeding or May - July records
Cuckoo	Confirmed or probable breeding or May - July records
Barn Owl	All records
Snowy Owl	All records
Tawny Owl	Confirmed or probable breeding or May - July records
Long-eared Owl	Confirmed or probable breeding or March - July records + roost
Short-eared Owl	Confirmed or probable breeding or May - July records
Nightjar	Confirmed or probable breeding or May - July records
Swift	Confirmed or probable breeding records
Kingfisher	Confirmed or probable breeding or March - August records
Bee-eater	Confirmed or probable breeding or May - July records
Hoopoe	Confirmed or probable breeding or May - July records
Wryneck	Confirmed or probable breeding or May - July records
Green Woodpecker	Confirmed or probable breeding records
Lesser Spotted Woodpecker	All records
Aquatic Warbler	All records
Marsh Warbler	Information provided in summary only
Cetti's Warbler	Confirmed or probable breeding or March - August records

Grasshopper Warbler	Confirmed or probable breeding or May - July records
Savi's Warbler	Information provided in summary only
Wood Warbler	Confirmed or probable breeding or April - August records
Willow Warbler	Confirmed or probable breeding records
Woodlark	Confirmed or probable breeding or February - August records
Skylark	Confirmed or probable breeding or April - July records
Sand Martin	Confirmed or probable breeding records
Swallow	Confirmed or probable breeding records
House Martin	Confirmed or probable breeding records
Tree Pipit	Confirmed or probable breeding or May - July records
Meadow Pipit	Confirmed or probable breeding or May - July records
Yellow Wagtail	Confirmed or probable breeding or May - June records
Blue-headed Wagtail	Confirmed or probable breeding or May - June records
Grey Wagtail	Confirmed or probable breeding or May - June records
Dunnock	Confirmed or probable breeding records
Nightingale	Confirmed or probable breeding records
Bluethroat	All records
Black Redstart	May – July records
Redstart	Confirmed or probable breeding or April - July records
Whinchat	Confirmed or probable breeding or May - July records
Wheatear	Confirmed or probable breeding or May - July records
Ring Ouzel	All records
Song Thrush	Confirmed or probable breeding records
Mistle Thrush	Confirmed or probable breeding records
Spotted Flycatcher	Confirmed or probable breeding records
Pied Flycatcher	Confirmed or probable breeding or May - July records
Whitethroat	Confirmed or probable breeding records
Dartford Warbler	Confirmed or probable breeding or March - August records
Bearded Tit	Confirmed or probable breeding or March - August records
Firecrest	Confirmed or probable breeding or May - August records
Willow Tit	All records
Marsh Tit	Confirmed or probable breeding or April - July records
Red-backed Shrike	Information provided in summary only
Chough	All records
Starling	Confirmed or probable breeding records
House Sparrow	Confirmed or probable breeding records
Tree Sparrow	All records
Lesser Redpoll	Confirmed or probable breeding or May - July records
Linnet	Confirmed or probable breeding records
Twite	All records
Serin	All records
Common Crossbill	Confirmed or probable breeding or February - June records
Bullfinch	Confirmed or probable breeding records
Hawfinch	All records
Yellowhammer	Confirmed or probable breeding records
Cirl Bunting	All records
Reed Bunting	Confirmed or probable breeding records
Corn Bunting	All records

Sussex Invasive Non-Native Species (INNS)

The Sussex invasive non-native species (INNS) report is produced in order to help minimise the threat posed by invasive species in Sussex. An invasive non-native species is defined as a species whose introduction and/or spread threatens biological diversity. The INNS table includes records of non-native species listed in Schedule 9 of the Wildlife & Countryside Act 1981 (WCA) and 26 other species not in this Schedule but which pose a particular risk in Sussex. These additional species are:

Scientific name	Common name
<i>Pseudorasbora parva</i>	Topmouth Gudgeon
<i>Leucaspis delineates</i>	Sunbleak
<i>Amsinckia micrantha</i>	Common Fiddleneck
<i>Centranthus ruber</i>	Red Valerian
<i>Gaultheria shallon</i>	Shallon
<i>Hyacinthoides hispanica</i>	Spanish Bluebell
<i>Nymphoides peltata</i>	Fringed Water-lily
<i>Petasites fragrans</i>	Winter Heliotrope
<i>Prunus laurocerasus</i>	Cherry Laurel
<i>Hyacinthoides non-scripta</i> x <i>hispanica</i> = <i>H. x massartiana</i>	Hybrid Bluebell
<i>Lemna minuta</i>	Least Duckweed
<i>Acaena novae-zelandiae</i>	Pirri-pirri-bur
<i>Lysichiton americanus</i>	American Skunk Cabbage
<i>Cortaderia selloana</i>	Pampas Grass
<i>Quercus ilex</i>	Evergreen Oak
<i>Harmonia axyridis</i>	Harlequin Ladybird
<i>Lilioceris lili</i>	Lily Beetle
<i>Cameraria ohridella</i>	Horse-Chestnut Leaf-miner
<i>Campylopus introflexus</i>	Heath Star Moss
<i>Trachemys scripta</i>	Red-eared Terrapin
<i>Lithobates catesbeianus</i>	American Bullfrog
<i>Styela clava</i>	Leathery Sea Squirt
<i>Dreissena polymorpha</i>	Zebra Mussel
<i>Dreissena rostriformis bugensis</i>	Quagga Mussel
<i>Lymantria dispar</i>	Gypsy Moth
<i>Thaumetopoea processionea</i>	Oak Processionary Moth

What's the problem?

With no natural predators and a benign climate, INNS can out-compete our native plant and animal species. For example, some invasive plant 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, INNS 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.

Legislation

Section 14 of the Wildlife and Countryside Act 1981 (WCA) is the principal legislation dealing with non-native species. Schedule 9 lists plant and animal species to which Section 14 applies.

Section 14 makes it illegal to release or allow to escape into the wild any animal which is not ordinarily resident in Great Britain and is not a regular visitor to Great Britain in a wild state, or is listed in Schedule 9 to the Act. It is also illegal to plant or otherwise cause to grow in the wild any plant listed in Schedule 9 to the Act.

What to do if there is an INNS 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 is an invasive non-native species at your site that is not in this report please email us at [\[redacted\]](#) so that we can update our database.

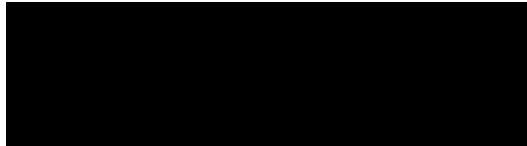
Sussex Biodiversity Record Centre

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Website: www.sxbrc.org.uk

The Sussex Biodiversity Record Centre is managed by the Sussex Wildlife Trust as a partnership project.
A list of our current funding partners can be found on our [website](http://www.sussexwildlifetrusts.org.uk)

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Sussex
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