
D R A F T S T A T U T O R Y I N S T R U M E N T S

2022 No. XXXX

ENVIRONMENTAL PROTECTION, ENGLAND

**The Environmental Targets (Biodiversity) (England)
Regulations 2022**

Made - - - - - ***

Coming into force ***

The Secretary of State makes these Regulations in exercise of the powers conferred by sections 1, 3, 6(1) and 143(1) of the Environment Act 2021^(a) (“the 2021 Act”).

In accordance with section 3(4) of the 2021 Act, the Secretary of State is satisfied that meeting the species abundance target referred to in regulation 11 will halt a decline in the abundance of species.

In accordance with section 4(1) and (2) of the 2021 Act, the Secretary of State has sought advice from persons the Secretary of State considers to be independent and to have relevant expertise, and is satisfied that the targets in these Regulations can be met.

In accordance with sections 4(8) and 143(5)(b) of the 2021 Act, a draft of these Regulations has been laid before, and approved by resolution of, each House of Parliament.

PART 1

Introduction

Citation, commencement, extent and application

1.—(1) These Regulations may be cited as the Environmental Targets (Biodiversity) (England) Regulations 2022.

(2) These Regulations come into force on the day after the day on which they are made.

(3) These Regulations extend to England and Wales but apply in relation to England only, including the territorial sea adjacent to England.

^(a) 2021 c. 30.

Interpretation

2. In these Regulations—

“the 2021 Act” means the Environment Act 2021;

“the 2022 Red List Index for England” means the document entitled “Outcome Indicator Framework for England’s 25 Year Environment Plan: D5 Conservation status of our native species, Data Sheet 2022 (NERR124)” published by Natural England in October 2022(a);

“native species” means species which naturally occur or have in the past naturally occurred in England, and include—

(a) regularly occurring migratory species (both breeding and non-breeding) and natural colonists; and

(b) species that have been reintroduced in England following past extinction;

“natural colonists” means species that arrived in England of their own accord and have become established, including those that become migratory species;

“species” includes ranks below and above species level, where these are listed—

(a) for the purposes of Part 2 of these Regulations, in the 2022 Red List Index for England; or

(b) for the purposes of Part 4 of these Regulations, in Schedule 2.

Biodiversity targets

3.—(1) Regulations 4, 7 and 14 specify targets for the purposes of the Secretary of State’s duty in section 1 of the 2021 Act to set a long-term target in respect of biodiversity.

(2) Regulation 11 specifies a target for the purposes of the Secretary of State’s duty in section 3 of the 2021 Act to set a target in respect of a matter relating to the abundance of species.

PART 2

Long-term biodiversity target: species’ extinction risk

Species’ extinction risk target

4. The long-term biodiversity target for species’ extinction risk is to reduce the risk of species’ extinction by 2042, when compared to the risk of species’ extinction in 2022.

Measurement of species’ extinction risk target

5.—(1) The target in regulation 4 is met by 31st December 2042 if the extinction risk value for 2042 calculated in accordance with paragraph (2) has a greater value than the baseline value, with the extinction risk value for 2042 and the baseline value being expressed as values in a range from 1 to 0 where—

(a) a value of 1 would indicate that all baseline species were of Least Concern; and

(b) a value of 0 would indicate that all baseline species were Regionally Extinct.

(2) The Secretary of State must ensure that an extinction risk value for 2042 is calculated in 2042 using the same methodology that was used to calculate the baseline value(b), to indicate the aggregate risk of extinction for all baseline species at the time of its calculation.

(a) The 2022 Red List Index for England may be found at <http://publications.naturalengland.org.uk/publication/6315201438941184>. A printed copy of the 2022 Red List Index for England may be obtained from Natural England, County Hall, Spetchley Road, Worcester WR5 2NP.

(b) An explanation of how the 2022 Red List Index for England is calculated can be found in the document named “Outcome Indicator Framework for England’s 25 Year Environment Plan: D5 Conservation status of our native species – Technical background document for D5 Conservation status of our native species” published in October 2022, which can be found

(3) In this regulation—

“baseline species” means a species listed in the 2022 Red List Index for England;

“the baseline value” means the value of 0.9070, being the value set out in the 2022 Red List Index for England to indicate the aggregate risk of extinction for all baseline species.

(4) In this regulation—

(a) a species is considered to be of Least Concern when it is classified as such for the purposes of calculating the 2022 Red List Index for England;

(b) a species is Regionally Extinct when it is classified as such for the purposes of calculating the 2022 Red List Index for England.

Reporting date for the species’ extinction risk target

6. For the purposes of section 6(1) of the 2021 Act (environmental targets: reporting duties), the reporting date for the target in regulation 4 is 1st July 2043.

PART 3

Long-term biodiversity target: wildlife-rich habitat restoration or creation

Wildlife-rich habitat restoration or creation target

7. The long-term biodiversity target for the restoration or creation of wildlife-rich habitat is that on or after the day these Regulations come into force, in excess of 500,000 hectares of a range of wildlife-rich habitats are to be restored or created by 31st December 2042.

Measurement of the habitat restoration or creation target

8.—(1) In order to measure the area of wildlife-rich habitat which is restored or created, the Secretary of State must obtain information about action that has been or is being undertaken in order to restore or create the wildlife-rich habitat on or after the day on which these Regulations come into force, including information about—

(a) the location of the action;

(b) the size of the area intended to become wildlife-rich habitat;

(c) the type of wildlife-rich habitat that is being restored or created.

(2) The Secretary of State must keep a record of the information obtained under paragraph (1).

(3) For the purposes of this Part, habitat is restored or will be restored when appropriate action has been or is being taken to improve the condition of relict or degraded habitat which might reasonably be expected to lead to an expansion of the wildlife-rich habitat there, but excluding such action taken—

(a) on protected sites; or

(b) for the purpose of replacing habitat that has been lost on or after the day these Regulations come into force.

(4) For the purposes of this Part, habitat is created or will be created when appropriate action has been or is being taken to establish wildlife-rich habitat on land, or water, excluding such action taken—

(a) on protected sites; or

(b) for the purpose of replacing habitat that has been lost on or after the day these Regulations come into force.

- (5) In paragraphs (3) and (4) “appropriate action” includes action—
- (a) to develop one or more specific wildlife-rich habitat types; or
 - (b) to allow a dynamic mosaic of wildlife-rich habitats to develop through the restoration of natural processes and ecosystems.

Reporting date for the wildlife-rich habitat restoration or creation target

9. For the purposes of section 6(1) of the 2021 Act, the reporting date for the target in regulation 7 is 1st December 2043.

Interpretation of Part 3

10. In this Part—

- “baseline” means the baseline from which the breadth of the territorial sea is measured;
- “European site” has the meaning given in regulation 8 of the Conservation of Habitats and Species Regulations 2017(a) (European sites and European marine sites);
- “marine conservation zone” means an area designated as a marine conservation zone under section 116(1) of the Marine and Coastal Access Act 2009(b) (marine conservation zones);
- “nautical mile” means an international nautical mile of 1,852 metres;
- a “protected site” means a site which is—
- (a) a European site;
 - (b) a site of special scientific interest; or
 - (c) a marine conservation zone,
- on or before the day these Regulations come into force, to the extent that the site is situated wholly or partly in England or in its waters;
- “site of special scientific interest” means an area notified under section 28(1) of the Wildlife and Countryside Act 1981(c) (sites of special scientific interest);
- “territorial sea” means such of the territorial sea of the United Kingdom that is adjacent to England;
- “water” and “waters”, in relation to England only, means all waters, including, in the case of the sea, the area of the sea and the seabed below that area of the sea which is on the landward side of a line every point of which is at a distance of one nautical mile on the seaward side from the nearest point of the baseline;
- “wildlife-rich habitat” means a habitat that is one of the following types of habitat and which is of sufficient quality that it is, or will be, capable of supporting flora and fauna which are typically found in the habitat in question—
- (a) a habitat type of principal importance for the conservation of biodiversity listed by the Secretary of State under section 41 of the Natural Environment and Rural Communities Act 2006(d) (biodiversity lists and action (England));
 - (b) another habitat type listed in Schedule 1.

(a) S.I. 2017/1012, as amended by S.I. 2019/579.

(b) 2009 c. 23. There are amendments of section 116, but none is relevant.

(c) 1981 c. 69. Section 28(1) was amended by section 105(1) of, and paragraph 79 of Schedule 11 to, the Natural Environment and Rural Communities Act 2006 (c. 16) and by section 148 of, and paragraph 2(1) and (2) of Schedule 13 to, the Marine and Coastal Access Act 2009 (c. 23).

(d) 2006 c.16. Section 41 is amended by section 102(8) of the 2021 Act. The list published by the Secretary of State in accordance with section 41 can be found in the document entitled “List of habitats and species of principal importance in England” published on 8th September 2022 and updated on 29th November 2022. This document can be found online at <https://www.gov.uk/government/publications/habitats-and-species-of-principal-importance-in-england> . A printed copy of this document may be obtained from the Department for the Environment, Food and Rural Affairs, Seacole Building, 2 Marsham Street, London SW1P 4DF.

PART 4

Targets relating to the abundance of species

CHAPTER 1

2030 Species abundance target

2030 species abundance target

11.—(1) The 2030 species abundance target is that the overall relative species abundance index on the specified date indicates that the decline in the abundance of species has been halted.

(2) The specified date for the 2030 species abundance target described in paragraph (1) is 31st December 2030.

Measurement of 2030 species abundance target

12.—(1) The 2030 species abundance target is to be measured by calculating the difference between the overall relative species abundance index for the years 2029 and 2030 in order to establish whether the overall relative species abundance index for the year 2030 is the same as, or higher than, the overall relative species abundance index for the year 2029.

(2) The overall relative species abundance index for a year is derived from the calculation of the geometric mean of the relative species abundance indices for every species listed in Schedule 2 for that year, which is smoothed to reduce the impact of between-year fluctuations in data collected over time.

(3) The same methodology must be used to determine the overall relative species abundance index for each year.

(4) In this regulation—

“baseline index” means the index value of 100 for any species in the first year that it is included in that relative species abundance index;

“geometric mean” means a mathematical process where a series of numbers are multiplied together and then the “n”th root of the product is calculated, where “n” is equal to the length of the series;

“relative species abundance index” for a species means an index which—

(a) is an annual measure;

(b) provides a standardised measure of abundance of that species across England; and

(c) is expressed as a value relative to 100, where—

(i) 100 is the baseline index for each species in the first year that it is measured in that relative species abundance index; and

(ii) 0 means no sightings of that species were recorded in a year^(a).

(5) Where a species listed in Schedule 2 appears in more than one dataset that meets the criteria referred to in sub-paragraphs (a) and (b) of the definition of “relative species abundance index” in paragraph (4), the relative species abundance index for that species is calculated—

(a) in the case of a species listed in Schedule 2 that is a plant, from the average value of species abundance for that species derived from all the species abundance datasets in which it appears;

(b) in the case of a species listed in Schedule 2 that is an animal, from the species abundance dataset that the Secretary of State considers best provides—

(a) If the value of the relative species abundance index is 50, this means that the abundance of that species has decreased by 50% compared to the first year of measurement. If the value of the relative species abundance index is 200, this means that the abundance of that species has doubled compared to the first year of measurement.

- (i) an annual measure; and
- (ii) a standardised measure of abundance of that species with the widest coverage across England.

(6) For the purposes of paragraph (4), an index is only to be used if it is calculated using the same methodology each year.

Reporting date for the 2030 species abundance target

13. For the purposes of section 6(1) of the 2021 Act, the reporting date for the target in regulation 11 is 15th April 2032.

CHAPTER 2

Species abundance: long-term target

Long-term biodiversity target to reverse the decline of species abundance

14. The long-term biodiversity target to reverse the decline of species abundance is that the overall relative species abundance index by 31st December 2042 is—

- (a) higher than the overall relative species abundance index for 31st December 2022; and
- (b) at least 10% higher than the overall relative species abundance index for 31st December 2030 (the specified date for the 2030 species abundance target).

Measurement of the long-term biodiversity target to reverse the decline of species abundance

15.—(1) The long-term biodiversity target to reverse the decline of species abundance is to be measured by calculating the overall relative species abundance index for the following dates—

- (a) 31st December 2022;
- (b) 31st December 2030; and
- (c) 31st December 2042.

(2) Regulation 12(2) to (6) applies in relation to the measurement of the long-term biodiversity target to reverse the decline of species abundance as it applies to the measurement of the 2030 species abundance target described in regulation 11.

Reporting date for the long-term biodiversity target to reverse the decline of species abundance

16. For the purposes of section 6(1) of the 2021 Act, the reporting date for the target in regulation 14 is 15th April 2044.

Name
Parliamentary Under Secretary of State
Department for Environment, Food and Rural Affairs

Date

SCHEDULE 1

Regulation 10

Types of wildlife-rich habitat

<i>Broad habitat</i>	<i>Wildlife-rich habitat other than a habitat type of principal importance for the conservation of biodiversity listed by the Secretary of State under section 41 of the Natural Environment and Rural Communities Act 2006</i>
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Acid grassland	Lowland acid grassland
Acid grassland	Upland acid grassland
Boundary and linear features	Line of trees (ecologically valuable – such that the line includes at least one tree per 30m length of ancient or veteran quality)
Boundary and linear features	Line of trees (ecologically valuable – such that the line includes at least one tree per 30m length of ancient or veteran quality) – with bank or ditch
Boundary and linear features	Native hedgerow with trees
Boundary and linear features	Native hedgerow – associated with bank or ditch
Boundary and linear features	Native hedgerow with trees – associated with bank or ditch
Boundary and linear features	Native species-rich hedgerow
Boundary and linear features	Native species-rich hedgerow – associated with bank or ditch
Boundary and linear features	Native species-rich hedgerow with trees
Broadleaved, mixed and yew woodland	Blackthorn scrub
Broadleaved, mixed and yew woodland	Bramble scrub
Broadleaved, mixed and yew woodland	Gorse scrub
Broadleaved, mixed and yew woodland	Hawthorn scrub
Broadleaved, mixed and yew woodland	Hazel scrub
Broadleaved, mixed and yew woodland	Mixed scrub
Broadleaved, mixed and yew woodland	Mixed woodland: mainly native broadleaved (with a minimum requirement of 70% native broadleaved species)
Broadleaved, mixed and yew woodland	Native woodland: broadleaved
Fen, marsh and swamp	Floodplain wetland mosaic
Inland rock	Inland rock and scree
Littoral rock	Features of littoral rock
Littoral rock	High energy littoral rock
Littoral rock	Low energy littoral rock
Littoral rock	Moderate energy littoral rock
Littoral sediment	Coastal saltmarsh and saline reedbeds
Littoral sediment	Features of littoral sediment
Littoral sediment	Littoral coarse sediment
Littoral sediment	Littoral mixed sediments
Littoral sediment	Littoral muddy sand
Littoral sediment	Littoral sand
Neutral grassland	Neutral grassland
Rivers and streams	Rivers and streams
Standing open waters	Ponds
Sublittoral rock	Circalittoral rock
Sublittoral rock	Infralittoral rock
Sublittoral rock	Subtidal stony reef
Sublittoral sediment	Native oyster (<i>Ostrea edulis</i>) beds
Sublittoral sediment	Subtidal coarse sediment
Sublittoral sediment	Subtidal mixed sediments
Sublittoral sediment	Subtidal mud
Sublittoral sediment	Subtidal sand
Sublittoral sediment	Subtidal seagrass beds

SCHEDULE 2

Regulation 12

Species for the targets relating to the abundance of species

<i>Scientific name</i>	<i>Common name(a)</i>
Birds	
<i>Acanthis cabaret</i>	Lesser redpoll
<i>Accipiter gentilis</i>	Northern goshawk
<i>Accipiter nisus</i>	Sparrowhawk
<i>Acrocephalus palustris</i>	Marsh warbler
<i>Acrocephalus schoenobaenus</i>	Sedge warbler
<i>Acrocephalus scirpaceus</i>	Reed warbler
<i>Actitis hypoleucos</i>	Common sandpiper
<i>Aegithalos caudatus</i>	Long-tailed tit
<i>Alauda arvensis</i>	Skylark
<i>Alcedo atthis</i>	Kingfisher
<i>Anas acuta</i>	Pintail
<i>Anas crecca</i>	Teal
<i>Anas platyrhynchos</i>	Mallard
<i>Anser albifrons</i>	European white-fronted goose
<i>Anser anser</i>	Greylag goose
<i>Anser brachyrhynchus</i>	Pink-footed goose
<i>Anthus pratensis</i>	Meadow pipit
<i>Anthus trivialis</i>	Tree pipit
<i>Apus apus</i>	Swift
<i>Ardea cinerea</i>	Grey heron
<i>Arenaria interpres</i>	Turnstone
<i>Aythya ferina</i>	Common pochard
<i>Aythya fuligula</i>	Tufted duck
<i>Aythya marila</i>	Scaup
<i>Botaurus stellaris</i>	Eurasian bittern
<i>Branta bernicla</i>	Brent goose
<i>Bucephala clangula</i>	Common goldeneye
<i>Burhinus oedicnemus</i>	Stone-curlew
<i>Buteo buteo</i>	Buzzard
<i>Calidris alba</i>	Sanderling
<i>Calidris alpina</i>	Dunlin
<i>Calidris canutus</i>	Knot
<i>Calidris maritima</i>	Purple sandpiper
<i>Calidris pugnax</i>	Ruff
<i>Caprimulgus europaeus</i>	Nightjar
<i>Carduelis carduelis</i>	Goldfinch
<i>Certhia familiaris</i>	Treecreeper
<i>Cettia cetti</i>	Cetti's warbler
<i>Charadrius hiaticula</i>	Ringed plover
<i>Chloris chloris</i>	Greenfinch
<i>Chroicocephalus ridibundus</i>	Black-headed gull
<i>Cinclus cinclus</i>	Dipper
<i>Circus aeruginosus</i>	Marsh harrier
<i>Circus cyaneus</i>	Hen harrier

(a) The common name or names given in the second column of this Schedule are included by way of guidance only.

<i>Circus pygargus</i>	Montagu's harrier
<i>Coloeus monedula</i>	Jackdaw
<i>Columba oenas</i>	Stock dove
<i>Columba palumbus</i>	Woodpigeon
<i>Corvus corax</i>	Raven
<i>Corvus corone</i>	Carrion crow
<i>Corvus frugilegus</i>	Rook
<i>Coturnix coturnix</i>	Common quail
<i>Crex crex</i>	Corncrake
<i>Cuculus canorus</i>	Cuckoo
<i>Curruca communis</i>	Whitethroat
<i>Curruca undata</i>	Dartford warbler
<i>Cyanistes caeruleus</i>	Blue tit
<i>Cygnus columbianus</i>	Bewick's swan
<i>Cygnus cygnus</i>	Whooper swan
<i>Cygnus olor</i>	Mute swan
<i>Delichon urbicum</i>	House martin
<i>Dendrocopos major</i>	Great spotted woodpecker
<i>Dryobates minor</i>	Lesser spotted woodpecker
<i>Egretta garzetta</i>	Little egret
<i>Emberiza calandra</i>	Corn bunting
<i>Emberiza cirius</i>	Cirl bunting
<i>Emberiza citrinella</i>	Yellowhammer
<i>Emberiza schoeniclus</i>	Reed bunting
<i>Erithacus rubecula</i>	Robin
<i>Falco columbarius</i>	Merlin
<i>Falco peregrinus</i>	Peregrine
<i>Falco subbuteo</i>	Hobby
<i>Falco tinnunculus</i>	Kestrel
<i>Fringilla coelebs</i>	Chaffinch
<i>Fulica atra</i>	Common coot
<i>Fulmarus glacialis</i>	Northern fulmar
<i>Gallinago gallinago</i>	Snipe
<i>Gallinula chloropus</i>	Moorhen
<i>Garrulus glandarius</i>	Jay
<i>Grus grus</i>	Common crane
<i>Haematopus ostralegus</i>	Oystercatcher
<i>Hirundo rustica</i>	Swallow
<i>Ichthyaetus melanocephalus</i>	Mediterranean gull
<i>Lagopus lagopus</i>	Red grouse
<i>Lanius collurio</i>	Red-backed shrike
<i>Larus argentatus</i>	Herring gull
<i>Limosa lapponica</i>	Bar-tailed godwit
<i>Limosa limosa</i>	Black-tailed godwit
<i>Linaria cannabina</i>	Linnet
<i>Linaria flavirostris</i>	Twite
<i>Locustella luscinioides</i>	Savi's warbler
<i>Lullula arborea</i>	Woodlark
<i>Luscinia megarhynchos</i>	Nightingale
<i>Lyrurus tetrix</i>	Black grouse
<i>Mareca penelope</i>	Wigeon
<i>Mareca strepera</i>	Gadwall
<i>Mergus merganser</i>	Goosander

<i>Mergus serrator</i>	Red-breasted merganser
<i>Milvus milvus</i>	Red kite
<i>Morus bassanus</i>	Northern gannet
<i>Motacilla alba</i>	Pied wagtail
<i>Motacilla cinerea</i>	Grey wagtail
<i>Motacilla flava</i>	Yellow wagtail
<i>Muscicapa striata</i>	Spotted flycatcher
<i>Numenius arquata</i>	Curlew
<i>Oenanthe oenanthe</i>	Wheatear
<i>Oriolus oriolus</i>	Golden oriole
<i>Pandion haliaetus</i>	Osprey
<i>Panurus biarmicus</i>	Bearded tit
<i>Parus major</i>	Great tit
<i>Passer domesticus</i>	House sparrow
<i>Passer montanus</i>	Tree sparrow
<i>Perdix perdix</i>	Grey partridge
<i>Periparus ater</i>	Coal tit
<i>Pernis apivorus</i>	Honey-buzzard
<i>Phalacrocorax aristotelis</i>	European shag
<i>Phalacrocorax carbo</i>	Great cormorant
<i>Phoenicurus ochruros</i>	Black redstart
<i>Phoenicurus phoenicurus</i>	Redstart
<i>Phylloscopus collybita</i>	Chiffchaff
<i>Phylloscopus sibilatrix</i>	Wood warbler
<i>Phylloscopus trochilus</i>	Willow warbler
<i>Pica pica</i>	Magpie
<i>Picus viridis</i>	Green woodpecker
<i>Platalea leucorodia</i>	Eurasian spoonbill
<i>Pluvialis apricaria</i>	Golden plover
<i>Pluvialis squatarola</i>	Grey plover
<i>Podiceps cristatus</i>	Great crested grebe
<i>Podiceps nigricollis</i>	Black-necked grebe
<i>Poecile montanus</i>	Willow tit
<i>Poecile palustris</i>	Marsh tit
<i>Porzana porzana</i>	Spotted crane
<i>Prunella modularis</i>	Dunnock
<i>Pyrhula pyrrhula</i>	Bullfinch
<i>Recurvirostra avosetta</i>	Avocet
<i>Regulus ignicapilla</i>	Firecrest
<i>Regulus regulus</i>	Goldcrest
<i>Riparia riparia</i>	Sand martin
<i>Rissa tridactyla</i>	Black-legged kittiwake
<i>Saxicola rubetra</i>	Whinchat
<i>Saxicola rubicola</i>	Stonechat
<i>Sitta europaea</i>	Nuthatch
<i>Somateria mollissima</i>	Eider
<i>Spatula clypeata</i>	Shoveler
<i>Spatula querquedula</i>	Garganey
<i>Spinus spinus</i>	Siskin
<i>Sterna dougallii</i>	Roseate tern
<i>Sterna hirundo</i>	Common tern
<i>Sterna paradisaea</i>	Arctic tern
<i>Sternula albifrons</i>	Little tern

Streptopelia decaocto
Streptopelia turtur
Strix aluco
Sturnus vulgaris
Sylvia atricapilla
Sylvia borin
Sylvia curruca
Tachybaptus ruficollis
Tadorna tadorna
Thalasseus sandvicensis
Tringa totanus
Troglodytes troglodytes
Turdus merula
Turdus philomelos
Turdus torquatus
Turdus viscivorus
Uria aalge
Vanellus vanellus

Bumblebees

Bombus pascuorum
Bombus lapidarius
Bombus pratorum
Bombus hypnorum
Bombus hortorum
Bombus lucorum / terrestris
Bombus vestalis
Bombus sylvestris
Bombus campestris
Bombus rupestris
Bombus humilis

Fish

Abramis brama
Alburnus alburnus
Ammodytes tobianus
Anguilla anguilla
Atherina presbyter
Barbatula barbatula
Barbus barbus
Blicca bjoerkna
Carassius carassius
Chelon labrosus
Clupea harengus
Cobitis taenia
Cottus gobio
Dicentrarchus labrax
Esox lucius
Gasterosteus aculeatus
Gobio gobio
Gymnocephalus cernuus
Leuciscus leuciscus
Liza aurata
Liza ramada
Osmerus eperlanus

Collared dove
Turtle dove
Tawny owl
Starling
Blackcap
Garden warbler
Lesser whitethroat
Little grebe
Shelduck
Sandwich tern
Redshank
Wren
Blackbird
Song thrush
Ring ouzel
Mistle thrush
Guillemot
Lapwing

Common carder bee
Red-tailed bumblebee
Early bumblebee
Tree bumblebee
Garden bumblebee
White-tailed / buff-tailed bumblebee
Southern cuckoo bumblebee
Forest cuckoo bumblebee
Field cuckoo bumblebee
Red-tailed cuckoo bumblebee
Brown-banded carder bee

Common bream
Bleak
Lesser sandeel
Eel
Sand smelt
Stone loach
Barbel
Silver bream
Crucian carp
Thick lipped grey mullet
Herring
Spined loach
Bullhead
Sea bass
Pike
Three spined stickleback
Gudgeon
Ruffe
Dace
Golden grey mullet
Thin lipped grey mullet
Smelt

<i>Perca fluviatilis</i>	Perch
<i>Phoxinus phoxinus</i>	Minnow
<i>Platichthys flesus</i>	Flounder
<i>Pleuronectes platessa</i>	Plaice
<i>Pomatoschistus microps</i>	Common goby
<i>Pomatoschistus minutus</i>	Sand goby
<i>Pungitius pungitius</i>	Ten spined stickleback
<i>Rutilus rutilus</i>	Roach
<i>Salmo salar</i>	Atlantic salmon
<i>Salmo trutta</i>	Brown trout
<i>Scardinius erythrophthalmus</i>	Rudd
<i>Sprattus sprattus</i>	Sprat
<i>Squalius cephalus</i>	Chub
<i>Syngnathus acus</i>	Greater pipefish
<i>Thymallus thymallus</i>	Grayling
<i>Tinca tinca</i>	Tench
Freshwater invertebrates	
<i>Acroloxus lacustris</i>	Lake limpet
<i>Adicella reducta</i>	
<i>Aeshna spp.</i>	Hawkers
<i>Agabus spp.</i>	Agabus (beetle)
<i>Agapetus spp.</i>	
<i>Agraylea multipunctata</i>	Salt and pepper microcaddis
<i>Alboglossiphonia heteroclita</i>	White leech
<i>Ameletus inopinatus</i>	Upland summer mayfly
<i>Amphinemura spp.</i>	Spring stoneflies
<i>Ampullaceana balthica</i>	Wandering snail
<i>Anabolia nervosa</i>	
<i>Anacaena globulus</i>	
<i>Anacaena limbata</i>	
<i>Ancylus fluviatilis</i>	River limpet
<i>Anisus leucostoma</i>	White-lipped ramshorn
<i>Anisus vortex</i>	Whirlpool ramshorn
<i>Antocha vitripennis</i>	
<i>Aphelocheirus aestivalis</i>	
<i>Asellus aquaticus</i>	Pond slater / Water louse
<i>Atherix ibis</i>	Yellow-legged water-snipefly
<i>Athripsodes spp.</i>	
<i>Austropotamobius pallipes</i>	White-clawed crayfish
<i>Baetis buceratus</i>	Scarce olive
<i>Baetis muticus</i>	Iron blue
<i>Baetis rhodani</i>	Large dark olive
<i>Baetis scambus group</i>	Small dark olive
<i>Baetis vernus</i>	Medium olive
<i>Bathymphalus contortus</i>	Twisted ramshorn
<i>Beraea maurus</i>	
<i>Beraea pullata</i>	
<i>Beraeodes minutus</i>	
<i>Beris spp.</i>	Green soldier flies
<i>Bithynia leachii</i>	
<i>Bithynia tentaculata</i>	Faucet snail
<i>Brachycentrus subnubilus</i>	
<i>Brachyptera risi</i>	

<i>Brychius elevatus</i>	
<i>Caenis horaria</i>	
<i>Caenis luctuosa</i> group	Angler's curse
<i>Caenis pusilla</i>	
<i>Caenis rivulorum</i>	
<i>Caenis robusta</i>	
<i>Callicorixa praeusta</i>	Water boatman
<i>Calopteryx</i> spp.	Damselflies
<i>Capnia</i> spp.	Small winter stoneflies
<i>Centroptilum luteolum</i>	Small spurwing
<i>Ceraclea</i> spp.	Long-horned caddisflies
<i>Chaetopteryx villosa</i>	
<i>Cheumatopsyche lepida</i>	
<i>Chloroperla tripunctata</i>	
<i>Cloeon dipterum</i>	Pond olive
<i>Coenagrion</i> spp.	Eurasian bluets damselflies
<i>Cordulegaster boltonii</i>	Golden-ringed dragonfly
<i>Crenobia alpina</i>	Alpine flatworm
<i>Crunoecia irrorata</i>	
<i>Cyrnus flavidus</i>	
<i>Cyrnus trimaculatus</i>	
<i>Dendrocoelum lacteum</i>	Aquatic flatworm
<i>Dicranota</i> spp.	
<i>Dinocras cephalotes</i>	
<i>Diplectronea felix</i>	
<i>Dixa nebulosa</i>	
<i>Dixa puberula</i>	
<i>Drusus annulatus</i>	
<i>Dryops</i> spp.	
<i>Dugesia polychroa</i> group	
<i>Dytiscus</i> spp.	
<i>Ecclisopteryx dalecarlica</i>	
<i>Ecdyonurus</i> spp.	
<i>Electrogena</i> spp.	
<i>Elmis aenea</i>	
<i>Elodes</i> spp.	
<i>Eloeophila</i> spp.	
<i>Enallagma cyathigerum</i>	Common blue damselfly
<i>Ephemera</i> spp.	
<i>Erpobdella</i> spp.	
<i>Erythromma najas</i>	Red-eyed damselfly
<i>Esolus parallelepipedus</i>	
<i>Galba truncatula</i>	Dwarf pond snail
<i>Gammarus pulex</i> group	Common freshwater shrimp
<i>Gammarus zaddachi</i>	
<i>Gerris</i> spp.	
<i>Glossiphonia complanata</i>	
<i>Glossiphonia verrucata</i>	
<i>Glossosoma</i> spp.	
<i>Glyphotaelius pellucidus</i>	
<i>Goera pilosa</i>	
<i>Graptodytes pictus</i>	
<i>Gyraulus albus</i>	White ramshorn

<i>Gyraulus crista</i>	Nautilus ramshorn
<i>Gyraulus laevis</i>	Smooth ramshorn
<i>Gyrinus substriatus</i>	
<i>Gyrinus urinator</i>	
<i>Habrophlebia fusca</i>	Ditch dun
<i>Halesus spp.</i>	
<i>Haliplus confinis</i>	
<i>Haliplus lineatocollis</i>	
<i>Haliplus ruficollis group</i>	
<i>Helobdella stagnalis</i>	
<i>Helophorus brevipalpis</i>	
<i>Hermiclepsis marginata</i>	
<i>Heptagenia spp.</i>	
<i>Hesperocorixa sahlbergi</i>	Lesser waterboatman
<i>Hippeutis complanatus</i>	Flat ramshorn
<i>Hydraena gracilis</i>	
<i>Hydraena riparia</i>	
<i>Hydrobius fuscipes</i>	
<i>Hydroporus palustris</i>	
<i>Hydropsyche angustipennis</i>	
<i>Hydropsyche contubernalis</i>	
<i>Hydropsyche instabilis</i>	
<i>Hydropsyche pellucidula</i>	
<i>Hydropsyche siltalai</i>	
<i>Hydroptila spp.</i>	
<i>Hyphydrus ovatus</i>	
<i>Ibisia marginata</i>	Black-legged water-snipefly
<i>Ilybius spp.</i>	
<i>Ilyocoris cimicoides</i>	Saucer bug
<i>Ischnura elegans</i>	Blue-tailed damselfly
<i>Isoperla grammatica</i>	Common yellow sally
<i>Ithytrichia spp.</i>	
<i>Laccobius spp.</i>	
<i>Laccophilus hyalinus</i>	
<i>Lepidostoma basale</i>	
<i>Lepidostoma hirtum</i>	
<i>Leptophlebia spp.</i>	
<i>Leuctra spp.</i>	
<i>Limnephilus extricatus</i>	
<i>Limnephilus flavicornis</i>	
<i>Limnephilus lunatus</i>	Cinnamon sedge
<i>Limnephilus marmoratus</i>	
<i>Limnephilus rhombicus</i>	
<i>Limnius volckmari</i>	
<i>Lymnaea stagnalis</i>	Great pond snail
<i>Lype spp.</i>	
<i>Melampophylax mucoreus</i>	
<i>Micronecta spp.</i>	
<i>Micropterna lateralis</i>	
<i>Micropterna sequax</i>	
<i>Molanna angustata</i>	
<i>Mystacides spp.</i>	
<i>Nebrioporus depressus group</i>	

<i>Nemoura</i> spp.	
<i>Nemurella pictetii</i>	
<i>Nepa cinerea</i>	Water scorpion
<i>Neureclipsis bimaculata</i>	
<i>Nigrobaetis</i> spp.	
<i>Noterus clavicornis</i>	Larger noterus
<i>Notonecta glauca</i>	Common backswimmer
<i>Notonecta maculata</i>	
<i>Notonecta viridis</i>	
<i>Ochthebius</i> spp.	
<i>Odontocerum albicorne</i>	
<i>Oecetis</i> spp.	
<i>Orectochilus villosus</i>	
<i>Oreodytes sanmarkii</i>	
<i>Oulimnius</i> spp.	
<i>Oxycera</i> spp.	
<i>Oxyethira</i> spp.	
<i>Paraleptophlebia</i> spp.	
<i>Pedicia</i> spp.	
<i>Perla bipunctata</i>	
<i>Perlodes mortoni</i>	Orange-striped stonefly
<i>Phagocata vitta</i>	
<i>Philopotamus montanus</i>	Yellow spotted sedge
<i>Phryganea bipunctata</i>	
<i>Physa fontinalis</i>	Common bladder snail
<i>Pilaria</i> spp.	
<i>Piscicola geometra</i>	Common fish leech
<i>Pisidium</i> spp.	
<i>Planorbarius corneus</i>	Great ramshorn
<i>Planorbis</i> spp.	
<i>Platambus maculatus</i>	
<i>Platycnemis pennipes</i>	White-legged damselfly
<i>Plea minutissima</i>	
<i>Plectrocnemia</i> spp.	
<i>Polycelis</i> spp.	
<i>Polycentropus</i> spp.	
<i>Potamanthus luteus</i>	Yellow mayfly
<i>Potamophylax cingulatus</i>	
<i>Potamophylax latipennis</i>	
<i>Potamophylax rotundipennis</i>	
<i>Proasellus meridianus</i>	One-spotted waterlouse
<i>Procloeon pennulatum</i>	
<i>Prosimulium</i> spp.	
<i>Protonemura</i> spp.	
<i>Psychomyia pusilla</i>	
<i>Ptychoptera</i> spp.	
<i>Pyrrhosoma nymphula</i>	Large red damselfly
<i>Radix auricularia</i>	Ear pond snail
<i>Rhithrogena</i> spp.	
<i>Rhyacophila dorsalis</i>	Sandfly
<i>Rhyacophila fasciata</i>	
<i>Rhyacophila munda</i>	
<i>Rhyacophila oblitterata</i>	

<i>Riolus spp.</i>	
<i>Sericostoma personatum</i>	
<i>Serratella ignita</i>	Blue-winged olive
<i>Sialis fuliginosa</i>	
<i>Sialis lutaria</i>	Common alderfly
<i>Sigara dorsalis</i>	
<i>Sigara falleni</i>	
<i>Sigara fossarum</i>	
<i>Silo nigricornis</i>	
<i>Silo pallipes</i>	
<i>Simulium (Wilhemia) spp.</i>	
<i>Simulium angustitarse group</i>	
<i>Simulium argyreatum group</i>	
<i>Simulium aureum group</i>	
<i>Simulium costatum</i>	
<i>Simulium cryophilum-vernum group</i>	
<i>Simulium erythrocephalum</i>	
<i>Simulium noelleri</i>	
<i>Simulium ornatum group</i>	
<i>Simulium reptans</i>	
<i>Simulium tuberosum complex</i>	Twinn's black fly
<i>Siphonurus spp.</i>	
<i>Siphonoperla torrentium</i>	Small yellow sally
<i>Sisyra spp.</i>	
<i>Sphaerium spp.</i>	
<i>Stagnicola spp.</i>	
<i>Stictotarsus duodecimpustulatus</i>	
<i>Taeniopteryx nebulosa</i>	February red
<i>Theodoxus fluviatilis</i>	River nerite
<i>Theromyzon tessulatum</i>	Duck leech
<i>Tinodes unicolor</i>	
<i>Tinodes waeneri</i>	
<i>Tipula spp.</i>	
<i>Triaenodes bicolor</i>	
<i>Trocheta spp.</i>	
<i>Valvata cristata</i>	Flat valve snail
<i>Valvata piscinalis</i>	European valve snail
<i>Velia spp.</i>	
<i>Viviparus viviparus</i>	Common river snail
<i>Wormaldia spp.</i>	
Lepidoptera (Butterfly)	
<i>Aglais io</i>	Peacock
<i>Aglais urticae</i>	Small tortoiseshell
<i>Anthocharis cardamines</i>	Orange-tip
<i>Apatura iris</i>	Purple emperor
<i>Aphantopus hyperantus</i>	Ringlet
<i>Argynnis adippe</i>	High brown fritillary
<i>Argynnis paphia</i>	Silver-washed fritillary
<i>Aricia agestis</i>	Brown argus
<i>Aricia artaxerxes</i>	Northern brown argus
<i>Boloria euphrosyne</i>	Pearl-bordered fritillary
<i>Boloria selene</i>	Small pearl-bordered fritillary
<i>Callophrys rubi</i>	Green hairstreak

<i>Celastrina argiolus</i>	Holly blue
<i>Coenonympha pamphilus</i>	Small heath
<i>Colias croceus</i>	Clouded yellow
<i>Cupido minimus</i>	Small blue
<i>Erebia aethiops</i>	Scotch argus
<i>Erynnis tages</i>	Dingy skipper
<i>Euphydryas aurinia</i>	Marsh fritillary
<i>Favonius quercus</i>	Purple hairstreak
<i>Gonepteryx rhamni</i>	Brimstone
<i>Hamearis lucina</i>	Duke of burgundy
<i>Hesperia comma</i>	Silver-spotted skipper
<i>Hipparchia semele</i>	Grayling
<i>Lasiommata megera</i>	Wall
<i>Leptidea sinapis</i>	Wood white
<i>Limenitis camilla</i>	White admiral
<i>Lycaena phlaeas</i>	Small copper
<i>Maculinea arion</i>	Large blue
<i>Maniola jurtina</i>	Meadow brown
<i>Melanargia galathea</i>	Marbled white
<i>Melitaea athalia</i>	Heath fritillary
<i>Melitaea cinxia</i>	Glanville fritillary
<i>Ochlodes sylvanus</i>	Large skipper
<i>Papilio machaon</i>	Swallowtail
<i>Pararge aegeria</i>	Speckled wood
<i>Pieris brassicae</i>	Large white
<i>Pieris napi</i>	Green-veined white
<i>Pieris rapae</i>	Small white
<i>Plebejus argus</i>	Silver-studded blue
<i>Polygonia c-album</i>	Comma
<i>Polyommatus bellargus</i>	Adonis blue
<i>Polyommatus coridon</i>	Chalk hill blue
<i>Polyommatus icarus</i>	Common blue
<i>Pyrgus malvae</i>	Grizzled skipper
<i>Pyronia tithonus</i>	Gatekeeper
<i>Satyrium pruni</i>	Black hairstreak
<i>Satyrium w-album</i>	White-letter hairstreak
<i>Speyeria aglaja</i>	Dark green fritillary
<i>Thecla betulae</i>	Brown hairstreak
<i>Thymelicus acteon</i>	Lulworth skipper
<i>Thymelicus lineola</i>	Essex skipper
<i>Thymelicus sylvestris</i>	Small skipper
<i>Vanessa atalanta</i>	Red admiral
<i>Vanessa cardui</i>	Painted lady
Lepidoptera (Moths)	
<i>Abraxas grossulariata</i>	The magpie
<i>Abraxas sylvata</i>	Clouded magpie
<i>Abrostola tripartita</i>	The spectacle
<i>Abrostola triplasia</i>	Dark spectacle
<i>Acasis viretata</i>	Yellow-barred brindle
<i>Achlya flavicornis</i>	Yellow horned
<i>Acronicta psi</i>	Grey dagger
<i>Acronicta rumicis</i>	Knot grass
<i>Acronicta tridens</i>	Dark dagger

<i>Aethalura punctulata</i>	Grey birch
<i>Agriopis aurantiaria</i>	Scarce umber
<i>Agriopis leucophaearia</i>	Spring usher
<i>Agriopis marginaria</i>	Dotted border
<i>Agrochola helvola</i>	Flounced chestnut
<i>Agrochola litura</i>	Brown-spot pinion
<i>Agrochola lota</i>	Red-line quaker
<i>Agrochola macilenta</i>	Yellow-line quaker
<i>Agrochola circellaris</i>	The brick
<i>Agrochola lychnidis</i>	Beaded chestnut
<i>Agrotis clavis</i>	Heart & club
<i>Agrotis exclamationis</i>	Heart & dart
<i>Agrotis ipsilon</i>	Dark sword-grass
<i>Agrotis puta</i>	Shuttle-shaped dart
<i>Agrotis segetum</i>	Turnip moth
<i>Agrotis vestigialis</i>	Archer's dart
<i>Alcis jubata</i>	Dotted carpet
<i>Alcis repandata</i>	Mottled beauty
<i>Allophyes oxyacanthae</i>	Green-brindled crescent
<i>Alsophila aescularia</i>	March moth
<i>Amphipoea lucens</i>	Large ear
<i>Amphipoea oclea</i>	Ear moth
<i>Amphipyra berbera</i>	Svensson's copper underwing
<i>Amphipyra pyramidea</i>	Copper underwing
<i>Amphipyra tragopoginis</i>	Mouse moth
<i>Anaplectoides prasina</i>	Green arches
<i>Anarta trifolii</i>	Nutmeg
<i>Anorthoa munda</i>	Twin-spotted quaker
<i>Anticlea derivata</i>	The streamer
<i>Antitype chi</i>	Grey chi
<i>Apamea anceps</i>	Large nutmeg
<i>Apamea crenata</i>	Clouded-bordered brindle
<i>Apamea epomidion</i>	Clouded brindle
<i>Apamea lithoxylaea</i>	Light arches
<i>Apamea monoglypha</i>	Dark arches
<i>Apamea remissa</i>	Dusky brocade
<i>Apamea scolopacina</i>	Slender brindle
<i>Apamea sordens</i>	Rustic shoulder-knot
<i>Apamea unanimitis</i>	Small clouded brindle
<i>Apeira syringaria</i>	Lilac beauty
<i>Aplocera efformata</i>	Lesser treble-bar
<i>Aplocera plagiata</i>	Treble-bar
<i>Apocheima hispidaria</i>	Small brindled beauty
<i>Aporophyla lutulenta</i>	Deep-brown dart
<i>Aporophyla nigra</i>	Black rustic
<i>Apterogenum ypsilon</i>	Dingy shears
<i>Arctia caja</i>	Garden tiger
<i>Aspitates gilvaria</i>	Straw belle
<i>Aspitates ochrearia</i>	Yellow belle
<i>Asteroscopus sphinx</i>	The sprawler
<i>Asthena albulata</i>	Small white wave
<i>Atethmia centrigo</i>	Centre-barred sallow
<i>Athetis pallustris</i>	Marsh moth

<i>Autographa bractea</i>	Gold spangle
<i>Autographa gamma</i>	Silver Y
<i>Autographa jota</i>	Plain golden Y
<i>Autographa pulchrina</i>	Beautiful golden Y
<i>Axylia putris</i>	The flame
<i>Biston betularia</i>	Peppered moth
<i>Biston strataria</i>	Oak beauty
<i>Brachylomia viminalis</i>	Minor shoulder-knot
<i>Bryophila domestica</i>	Marbled beauty
<i>Bupalus piniaria</i>	Bordered white
<i>Cabera exanthemata</i>	Common wave
<i>Cabera pusaria</i>	Common white wave
<i>Calliteara pudibunda</i>	Pale tussock
<i>Campaea margaritaria</i>	Light emerald
<i>Camptogramma bilineata</i>	Yellow shell
<i>Caradrina clavipalpis</i>	Pale mottled willow moth
<i>Caradrina morpheus</i>	Mottled rustic
<i>Catarhoe rubidata</i>	Ruddy carpet
<i>Catocala nupta</i>	Red underwing
<i>Celaena haworthii</i>	Haworth's minor
<i>Cerapteryx graminis</i>	Antler moth
<i>Cerastis rubricosa</i>	Red chestnut
<i>Ceramica pisi</i>	Broom moth
<i>Charanyca trigrammica</i>	Treble lines
<i>Chesias legatella</i>	The streak
<i>Chesias rufata</i>	Broom-tip
<i>Chiasmia clathrata</i>	Latticed heath
<i>Chloroclysta miata</i>	Autumn green carpet
<i>Chloroclysta siterata</i>	Red-green carpet
<i>Chloroclystis v-ata</i>	The V-pug
<i>Cidaria fulvata</i>	Barred yellow
<i>Cilix glaucata</i>	Chinese character
<i>Cirrhia gilvago</i>	Dusky-lemon sallow
<i>Cirrhia icteritia</i>	Sallow
<i>Cleorodes lichenaria</i>	Brussels lace
<i>Clostera curtula</i>	Chocolate-tip
<i>Coenobia rufa</i>	Small rufous
<i>Coenotephria salicata</i>	Striped twin-spot carpet
<i>Coleophora vibicella</i>	
<i>Colocasia coryli</i>	Nut-tree tussock
<i>Colostygia multistrigaria</i>	Mottled grey
<i>Colostygia pectinataria</i>	Green carpet
<i>Colotois pennaria</i>	Feathered thorn
<i>Comibaena bajularia</i>	Blotched emerald
<i>Conistra ligula</i>	Dark chestnut
<i>Conistra rubiginea</i>	Dotted chestnut
<i>Conistra vaccinii</i>	The chestnut
<i>Cosmia affinis</i>	Lesser-spotted pinion
<i>Cosmia pyralina</i>	Lunar-spotted pinion
<i>Cosmia trapezina</i>	The dun-bar
<i>Cosmorhoe ocellata</i>	Purple bar
<i>Craniophora ligustri</i>	The coronet
<i>Crocallis elinguaris</i>	Scalloped oak

<i>Cucullia umbratica</i>	The shark
<i>Cybosia mesomella</i>	Four-dotted footman
<i>Cyclophora albipunctata</i>	Birch mocha
<i>Cyclophora linearia</i>	Clay triple-lines
<i>Cyclophora punctaria</i>	Maiden's blush
<i>Cymatophorina diluta</i>	Oak lutestring
<i>Deilephila elpenor</i>	Elephant hawk-moth
<i>Deileptenia ribeata</i>	Satin beauty
<i>Deltote pygarga</i>	Marbled white spot
<i>Denticucullus pygmina</i>	Small wainscot
<i>Diachrysis chrysitis</i>	Burnished brass
<i>Diacrisia sannio</i>	Clouded buff
<i>Diaphora mendica</i>	Muslin moth
<i>Diarsia brunnea</i>	Purple clay
<i>Diarsia dahlia</i>	Barred chestnut
<i>Diarsia mendica</i>	Ingrailed clay
<i>Diarsia rubi</i>	Small square-spot
<i>Diloba caeruleocephala</i>	Figure of eight
<i>Drepana falcataria</i>	Pebble hook-tip
<i>Drymonia dodonaea</i>	Marbled brown
<i>Drymonia ruficornis</i>	Lunar marbled brown
<i>Dryobotodes eremita</i>	Brindled green
<i>Dypterygia scabriuscula</i>	Bird's wing
<i>Dysstroma citrata</i>	Dark marbled carpet
<i>Dysstroma truncata</i>	Common marbled carpet
<i>Earophila badiata</i>	Shoulder-stripe
<i>Ecliptopera silaceata</i>	Small phoenix
<i>Ectropis crepuscularia</i>	The engrailed
<i>Eilema complana</i>	Scarce footman
<i>Eilema depressa</i>	Buff footman
<i>Eilema griseola</i>	Dingy footman
<i>Eilema lurideola</i>	Common footman
<i>Eilema sororcula</i>	Orange footman
<i>Electrophaes corylata</i>	Broken-barred carpet
<i>Ennomos alniaria</i>	Canary-shouldered thorn
<i>Ennomos autumnaria</i>	Large thorn
<i>Ennomos erosaria</i>	September thorn
<i>Ennomos fuscantaria</i>	Dusky thorn
<i>Ennomos quercinaria</i>	August thorn
<i>Entephria caesiata</i>	Grey mountain carpet
<i>Epione repandaria</i>	Bordered beauty
<i>Epirrhoe alternata</i>	Common carpet
<i>Epirrhoe galiata</i>	Galium carpet
<i>Epirrhoe rivata</i>	Wood carpet
<i>Epirrita autumnata</i>	Autumnal moth
<i>Epirrita christyi</i>	Pale November moth
<i>Epirrita dilutata</i>	November moth
<i>Epirrita filigrammaria</i>	Small autumnal moth
<i>Erannis defoliaria</i>	Mottled umber
<i>Eremobia ochroleuca</i>	Dusky sallow
<i>Euchoeca nebulata</i>	Dingy shell
<i>Eugnorisma glareosa</i>	Autumnal rustic
<i>Eulithis mellinata</i>	The spinach

<i>Eulithis populata</i>	Northern spinach
<i>Eulithis prunata</i>	The phoenix
<i>Eulithis testata</i>	The chevron
<i>Euphyia biangulata</i>	Cloaked carpet
<i>Euphyia unangulata</i>	Sharp-angled carpet
<i>Eupithecia abbreviata</i>	Brindled pug
<i>Eupithecia absinthiata</i>	Wormwood pug
<i>Eupithecia assimilata</i>	Currant pug
<i>Eupithecia centaureata</i>	Lime-speck pug
<i>Eupithecia dodoneata</i>	Oak-tree pug
<i>Eupithecia exiguata</i>	Mottled pug
<i>Eupithecia haworthiata</i>	Haworth's pug
<i>Eupithecia icterata</i>	Tawny speckled pug
<i>Eupithecia indigata</i>	Ochreous pug
<i>Eupithecia innotata</i>	Angle-barred pug
<i>Eupithecia intricata</i>	Freyer's pug
<i>Eupithecia inturbata</i>	Maple pug
<i>Eupithecia lariciata</i>	Larch pug
<i>Eupithecia linariata</i>	Toadflax pug
<i>Eupithecia nanata</i>	Narrow-winged pug
<i>Eupithecia phoeniceata</i>	Cypress pug
<i>Eupithecia pulchellata</i>	Foxglove pug
<i>Eupithecia pusillata</i>	Juniper pug
<i>Eupithecia satyrata</i>	Satyr pug
<i>Eupithecia simpliciata</i>	Plain pug
<i>Eupithecia subfuscata</i>	Grey pug
<i>Eupithecia succenturiata</i>	Bordered pug
<i>Eupithecia tantillaria</i>	Dwarf pug
<i>Eupithecia tenuiata</i>	Slender pug
<i>Eupithecia tripunctaria</i>	White-spotted pug
<i>Eupithecia venosata</i>	Netted pug
<i>Eupithecia virgaureata</i>	Golden-rod pug
<i>Eupithecia vulgata</i>	Common pug
<i>Euplexia lucipara</i>	Small angle shades
<i>Euproctis chrysorrhoea</i>	Brown-tail
<i>Euproctis similis</i>	Yellow-tail
<i>Eupsilia transversa</i>	The satellite
<i>Eustroma reticulata</i>	Netted carpet moth
<i>Euthrix potatoria</i>	The drinker
<i>Euxoa nigricans</i>	Garden dart
<i>Euxoa tritici</i>	White-line dart
<i>Falcaria lacertinaria</i>	Scalloped hook-tip
<i>Furcula furcula</i>	Sallow kitten
<i>Gandaritis pyraliata</i>	Barred straw
<i>Gastropacha quercifolia</i>	The lappet
<i>Geometra papilionaria</i>	Large emerald
<i>Gortyna flavago</i>	Frosted orange
<i>Graphiphora augur</i>	Double dart
<i>Griposia aprilina</i>	Merveille du jour
<i>Gymnoscelis rufifasciata</i>	Double-striped pug
<i>Habrosyne pyritoides</i>	Buff arches
<i>Hada plebeja</i>	The shears
<i>Hadena bicurris</i>	The lychnis

<i>Hadena confusa</i>	Marbled coronet
<i>Hadena perplexa</i>	Tawny shears
<i>Hecatera bicolorata</i>	Broad-barred white
<i>Helotropha leucostigma</i>	Crescent
<i>Hemistola chrysoprasaria</i>	Small emerald
<i>Hemithea aestivaria</i>	Common emerald
<i>Hepialus humuli</i>	Ghost moth
<i>Herminia grisealis</i>	Small fan-foot
<i>Herminia tarsipennalis</i>	The fan-foot
<i>Hoplodrina ambigua</i>	Vine's rustic
<i>Hoplodrina blanda</i>	The rustic
<i>Hoplodrina octogenaria</i>	Uncertain
<i>Horisme tersata</i>	The fern
<i>Horisme vitalbata</i>	Small waved umber
<i>Hydraecia micacea</i>	Rosy rustic
<i>Hydraecia osseola</i>	Marsh mallow moth
<i>Hydrelia flammeolaria</i>	Small yellow wave
<i>Hydria cervinalis</i>	Scarce tissue
<i>Hydria undulata</i>	Scallop shell
<i>Hydriomena furcata</i>	July highflyer
<i>Hydriomena impluviata</i>	May highflyer
<i>Hylaea fasciaria</i>	Barred red
<i>Hypena crassalis</i>	Beautiful snout
<i>Hypena proboscidalis</i>	The snout
<i>Hypomecis punctinalis</i>	Pale oak beauty
<i>Hypomecis roboraria</i>	Great oak beauty
<i>Idaea aversata</i>	Riband wave
<i>Idaea biselata</i>	Small fanfooted wave
<i>Idaea dimidiata</i>	Single-dotted wave
<i>Idaea emarginata</i>	Small scallop
<i>Idaea fuscovenosa</i>	Dwarf cream wave
<i>Idaea ochrata</i>	Bright wave moth
<i>Idaea rusticata</i>	Least carpet
<i>Idaea seriata</i>	Small dusty wave
<i>Idaea straminata</i>	Plain wave
<i>Idaea subsericeata</i>	Satin wave
<i>Idaea trigeminata</i>	Treble brown spot
<i>Ipimorpha subtusa</i>	The olive
<i>Jodis lactearia</i>	Little emerald
<i>Korscheltellus fusconebulosa</i>	Map-winged swift
<i>Korscheltellus lupulina</i>	Common swift
<i>Lacanobia oleracea</i>	Bright-line brown-eye
<i>Lacanobia suasa</i>	Dog's tooth
<i>Lacanobia thalassina</i>	Pale-shouldered brocade
<i>Lampropteryx oregiata</i>	Devon carpet
<i>Lampropteryx suffumata</i>	Water carpet
<i>Laothoe populi</i>	Poplar hawk-moth
<i>Larentia clavaria</i>	The mallow
<i>Lasiocampa quercus</i>	Oak eggar
<i>Laspeyria flexula</i>	Beautiful hook-tip
<i>Lateroligia ophiogramma</i>	Double lobed
<i>Leucania comma</i>	Shoulder-striped wainscot
<i>Ligdia adustata</i>	Scorched carpet

<i>Litoligia literosa</i>	Rosy minor
<i>Lithophane leautieri</i>	Blair's shoulder-knot
<i>Lithophane ornitopus</i>	Grey shoulder-knot
<i>Lithophane socia</i>	Pale pinion
<i>Lobophora halterata</i>	The seraphim
<i>Lomaspilis marginata</i>	Clouded border
<i>Lomographa bimaculata</i>	White-pinion spotted
<i>Lomographa temerata</i>	Clouded silver
<i>Luperina testacea</i>	Flounced rustic
<i>Lycia hirtaria</i>	Brindled beauty
<i>Lycia zonaria</i>	Belted beauty
<i>Lycophotia porphyrea</i>	True lover's knot
<i>Lygephila pastinum</i>	The blackneck
<i>Lymantria monacha</i>	Black arches
<i>Macaria alternata</i>	Sharp-angled peacock
<i>Macaria liturata</i>	Tawny-barred angle
<i>Macaria notata</i>	Peacock moth
<i>Macaria wauaria</i>	The V-moth
<i>Macrothylacia rubi</i>	Fox moth
<i>Malacosoma neustria</i>	The lackey
<i>Mamestra brassicae</i>	Cabbage moth
<i>Melanchra persicariae</i>	Dot moth
<i>Melanthia procellata</i>	Pretty chalk carpet
<i>Menophra abruptaria</i>	Waved umber
<i>Mesapamea secalis / didyma</i>	
<i>Mesoleuca albicillata</i>	Beautiful carpet
<i>Mesoligia furuncula</i>	Cloaked minor
<i>Mesotype didymata</i>	Twin-spot carpet
<i>Miltochrista miniata</i>	Rosy footman
<i>Mniotype adusta</i>	Dark brocade
<i>Mythimna albipuncta</i>	White-point
<i>Mythimna ferrago</i>	The clay
<i>Mythimna conigera</i>	Brown-line bright-eye
<i>Mythimna impura</i>	Smoky wainscot
<i>Mythimna pallens</i>	Common wainscot
<i>Naenia typica</i>	The gothic
<i>Noctua comes</i>	Lesser yellow underwing
<i>Noctua fimbriata</i>	Broad-bordered yellow underwing
<i>Noctua interjecta</i>	Least yellow underwing
<i>Noctua janthe</i>	Lesser broad-bordered yellow underwing
<i>Noctua pronuba</i>	Large yellow underwing
<i>Nola confusalis</i>	Least black arches
<i>Nola cucullatella</i>	Short-cloaked moth
<i>Nomophila noctuella</i>	Rush veneer
<i>Notodonta dromedarius</i>	Iron prominent
<i>Notodonta ziczac</i>	Pebble prominent
<i>Nudaria mundana</i>	Muslin footman
<i>Nycteola revayana</i>	Oak nycteoline
<i>Ochropacha duplaris</i>	Common lutestring
<i>Ochropleura plecta</i>	Flame shoulder
<i>Odontopera bidentata</i>	Scalloped hazel
<i>Odontosia carmelita</i>	Scarce prominent
<i>Oligia fasciuncula</i>	Middle-barred minor

<i>Oligia latruncula</i>	Tawny marbled minor
<i>Oligia strigilis</i>	Marbled minor
<i>Oligia versicolor</i>	Rufous minor
<i>Omphaloscelis lunosa</i>	Lunar underwing
<i>Operophtera brumata</i>	Winter moth
<i>Operophtera fagata</i>	Northern winter moth
<i>Opisthograptis luteolata</i>	Brimstone moth
<i>Orgyia antiqua</i>	The vapourer
<i>Orthonama vittata</i>	Oblique carpet
<i>Orthosia cerasi</i>	Common quaker
<i>Orthosia cruda</i>	Small quaker
<i>Orthosia gothica</i>	Hebrew character
<i>Orthosia gracilis</i>	Powdered quaker
<i>Orthosia incerta</i>	Clouded drab
<i>Orthosia populeti</i>	Lead-coloured drab
<i>Ourapteryx sambucaria</i>	Swallow-tailed moth
<i>Pachynemias hippocastanaria</i>	Horse chestnut
<i>Panolis flammea</i>	Pine beauty
<i>Parascotia fuliginaria</i>	Waved black
<i>Parectropis similaria</i>	Brindled white-spot
<i>Pasiphila rectangularata</i>	Green pug
<i>Pelurga comitata</i>	Dark spinach
<i>Pennithera firmata</i>	Pine carpet
<i>Peribatodes rhomboidaria</i>	Willow beauty
<i>Peridea anceps</i>	Great prominent
<i>Perizoma affinitata</i>	The rivulet
<i>Perizoma albulata</i>	Grass rivulet
<i>Perizoma alchemillata</i>	Small rivulet
<i>Perizoma bifaciata</i>	Barred rivulet
<i>Perizoma flavofasciata</i>	Sandy carpet
<i>Petrophora chlorosata</i>	Brown silver-line
<i>Phalera bucephala</i>	Buff-tip
<i>Pheosia gnoma</i>	Lesser swallow prominent
<i>Pheosia tremula</i>	Swallow prominent
<i>Phigalia pilosaria</i>	Pale brindled beauty
<i>Philereme transversata</i>	Dark umber
<i>Philereme vetulata</i>	Brown scallop
<i>Phlogophora meticulosa</i>	Angle shades
<i>Photedes fluxa</i>	Mere wainscot
<i>Photedes minima</i>	Small dotted buff
<i>Phragmatobia fuliginosa</i>	Ruby tiger
<i>Phymatopus hecta</i>	Gold swift
<i>Plagodis dolabraria</i>	Scorched wing
<i>Plagodis pulveraria</i>	Barred umber
<i>Plemyria rubiginata</i>	Blue-bordered carpet
<i>Plusia festucae</i>	Gold spot
<i>Plutella xylostella</i>	Diamond-back moth
<i>Poecilocampa populi</i>	December moth
<i>Polia nebulosa</i>	Grey arches
<i>Polychrysis moneta</i>	Golden plusia
<i>Polymixis flavicincta</i>	Large ranunculus
<i>Polymixis lichenea</i>	Feathered ranunculus
<i>Polyploca ridens</i>	Frosted green

<i>Pseudoips prasinana</i>	Green silver-lines
<i>Pseudoterpna pruinata</i>	Grass emerald
<i>Pterapherapteryx sexalata</i>	Small seraphim
<i>Pterostoma palpina</i>	Pale prominent
<i>Ptilodon capucina</i>	Coxcomb prominent
<i>Pyropteron chrysidiformis</i>	Fiery clearwing
<i>Rhizedra lutosa</i>	Large wainscot
<i>Rhodometra sacraria</i>	The vestal
<i>Rivula sericealis</i>	Straw dot
<i>Rusina ferruginea</i>	Brown rustic
<i>Saturnia pavonia</i>	Emperor moth
<i>Schrankia costaestrigalis</i>	Pinion-streaked snout
<i>Scoliopteryx libatrix</i>	The herald
<i>Scopula floslactata</i>	Cream wave
<i>Scopula imitaria</i>	Small blood-vein
<i>Scopula immutata</i>	Lesser cream wave
<i>Scopula marginepunctata</i>	Mullein wave
<i>Scotopteryx chenopodiata</i>	Shaded broad-bar
<i>Scotopteryx luridata</i>	July belle
<i>Scotopteryx mucronata</i>	Lead belle
<i>Scythris siccella</i>	
<i>Selenia dentaria</i>	Early thorn
<i>Selenia lunularia</i>	Lunar thorn
<i>Selenia tetralunaria</i>	Purple thorn
<i>Sideridis rivularis</i>	Campion
<i>Siona lineata</i>	Black-veined moth
<i>Spaelotis ravida</i>	Stout dart
<i>Spilosoma lubricipeda</i>	White ermine
<i>Spilosoma lutea</i>	Buff ermine
<i>Stauropus fagi</i>	Lobster moth
<i>Stilbia anomala</i>	The anomalous
<i>Subacronicta megacephala</i>	Poplar grey
<i>Tethea ocularis</i>	Figure of eighty
<i>Thalera fimbrialis</i>	Sussex emerald
<i>Thalpophila matura</i>	Straw underwing
<i>Thera Britannica</i>	Spruce carpet
<i>Thera juniperata</i>	Juniper carpet
<i>Thera obeliscata</i>	Grey pine carpet
<i>Theria primaria</i>	Early moth
<i>Tholera cespitis</i>	Hedge rustic
<i>Tholera decimalis</i>	Feathered gothic
<i>Thumatha senex</i>	Round-winged muslin
<i>Thyatira batis</i>	Peach blossom
<i>Tiliacea aurago</i>	Barred sallow
<i>Tiliacea citrigo</i>	Orange sallow
<i>Timandra comae</i>	Blood-vein
<i>Trichiura crataegi</i>	Pale eggar
<i>Trichopteryx carpinata</i>	Early tooth-striped
<i>Triodia sylvina</i>	Orange swift
<i>Triphosa dubitata</i>	The tissue
<i>Tyria jacobaeae</i>	The cinnabar
<i>Udea ferrugalis</i>	Rusty dot pearl
<i>Venusia cambrica</i>	Welsh wave

Watsonalla binaria
Watsonalla cultraria
Xanthia togata
Xanthorhoe decoloraria
Xanthorhoe designata
Xanthorhoe ferrugata
Xanthorhoe fluctuata
Xanthorhoe montanata
Xanthorhoe quadrifasiata
Xanthorhoe spadicearia
Xestia agathina
Xestia baja
Xestia castanea
Xestia c-nigrum
Xestia ditrapezium
Xestia sexstrigata
Xestia triangulum
Xestia xanthographa
Xylocampa areola

Mammals

Arvicola amphibius
Capreolus capreolus
Dama dama
Eptesicus serotinus
Lepus europaeus
Muscardinus avellanarius
Myotis daubentonii
Myotis mystacinus/Myotis brandtii
Myotis nattereri
Nyctalus noctula
Oryctolagus cuniculus
Pipistrellus pipistrellus
Pipistrellus pygmaeus
Plecotus auritus
Rhinolophus ferrumequinum
Rhinolophus hipposideros
Vulpes vulpes

Vascular Plants

Achillea millefolium
Aethusa cynapium
Agrimonia eupatoria
Ajuga reptans
Alisma plantago-aquatica
Allium ursinum
Alnus glutinosa
Alopecurus geniculatus
Ammophila arenaria
Anagallis arvensis
Anthemis cotula
Anthoxanthum odoratum
Anthyllis vulneraria
Apium nodiflorum
Arctium minus/nemorosum

Oak hook-tip
Barred hook-tip
Pink-barred sallow
Red carpet
Flame carpet
Dark-barred twin-spot carpet
Garden carpet
Silver-ground carpet
Large twin-spot carpet
Red twin-spot carpet
Heath rustic
Dotted clay
Neglected rustic
Setaceous Hebrew character
Triple-spotted clay
Six-striped rustic
Double square-spot
Square-spot rustic
Early grey

Water vole
Roe deer
Fallow deer
Serotine bat
Brown hare
Dormouse
Daubenton's bat
Whiskered bat/Brandt's bat
Natterer's bat
Noctule bat
Rabbit
Common pipistrelle bat
Soprano pipistrelle bat
Brown long-eared bat
Greater horseshoe bat
Lesser horseshoe bat
Red fox

Yarrow
Fool's parsley
Agrimony
Bugle
Water-plantain
Ramsons
Alder
Marsh foxtail
Marram
Scarlet pimpernel
Stinking chamomile
Sweet vernal-grass
Kidney vetch
Fool's-water-cress

Armeria maritima
Arum maculatum
Asplenium trichomanes
Aster tripolium
Atriplex portulacoides
Atriplex spp.
Bellis perennis
Berula erecta
Beta vulgaris
Blackstonia perfoliata
Blechnum spicant
Briza media
Bromopsis erecta
Calluna vulgaris
Caltha palustris
Calystegia sepium
Campanula glomerata
Campanula rotundifolia
Campanula trachelium
Capsella bursa-pastoris
Cardamine pratensis
Carduus nutans
Carex echinata
Carex nigra
Carex otrubae
Carex pendula
Carex remota
Carex sylvatica
Cerastium arvense
Cerastium fontanum
Cerastium glomeratum
Ceratocarpus claviculata
Chaerophyllum temulum
Chenopodium album
Chrysosplenium oppositifolium
Circaea lutetiana
Cirsium acaule
Cirsium palustre
Clematis vitalba
Cochlearia
Conopodium majus
Cornus sanguinea
Corylus avellana
Crataegus monogyna
Cruciata laevipes
Cynosurus cristatus
Dactylorhiza fuchsii
Daucus carota
Deschampsia cespitosa
Deschampsia flexuosa
Digitalis purpurea
Dioscorea communis
Dipsacus fullonum

Thrift
 Lords-and-ladies
 Maidenhair spleenwort
 Sea aster
 Sea-purslane

 Daisy
 Lesser-water-parsnip
 Beet
 Yellow-wort
 Hard-fern
 Quaking-grass
 Upright brome
 Heather
 Marsh-marigold
 Hedge bindweed
 Clustered bellflower
 Harebell
 Nettle-leaved bellflower
 Shepherd's-purse
 Cuckooflower
 Musk thistle
 Star sedge
 Common sedge
 False fox-sedge
 Pendulous sedge
 Remote sedge
 Wood-sedge
 Field mouse-ear
 Common mouse-ear
 Sticky mouse-ear
 Climbing corydalis
 Rough chervil
 Fat-hen
 Opposite-leaved golden-saxifrage
 Enchanter's-nightshade
 Dwarf thistle
 Marsh thistle
 Traveller's-joy
 Scurveygrass
 Pignut
 Dogwood
 Hazel
 Hawthorn
 Crosswort
 Crested dog's-tail
 Common spotted-orchid
 Carrots
 Tufted hair-grass
 Wavy hair-grass
 Foxglove
 Black bryony
 Wild teasel

<i>Drosera rotundifolia</i>	Round-leaved sundew
<i>Elytrigia atherica</i>	Sea couch
<i>Empetrum nigrum</i>	Crowberry
<i>Epilobium hirsutum</i>	Great willowherb
<i>Equisetum fluviatile</i>	Water horsetail
<i>Erica cinerea</i>	Bell heather
<i>Erica tetralix</i>	Cross-leaved heath
<i>Eriophorum angustifolium</i>	Common cottongrass
<i>Eriophorum vaginatum</i>	Hare's-tail cottongrass
<i>Euonymus europaeus</i>	Spindle
<i>Euphorbia amygdaloides</i>	Wood spurge
<i>Euphorbia exigua</i>	Dwarf spurge
<i>Euphorbia helioscopia</i>	Sun spurge
<i>Filipendula ulmaria</i>	Meadowsweet
<i>Filipendula vulgaris</i>	Dropwort
<i>Fumaria</i>	Fumitories
<i>Galium mollugo</i>	Hedge bedstraw
<i>Galium odoratum</i>	Woodruff
<i>Galium palustre</i>	Marsh-bedstraw
<i>Galium saxatile</i>	Heath bedstraw
<i>Galium verum</i>	Lady's bedstraw
<i>Geranium robertianum</i>	Herb-robert
<i>Geum urbanum</i>	Wood avens
<i>Glaucium flavum</i>	Yellow horned-poppay
<i>Glechoma hederacea</i>	Ground-ivy
<i>Hedera helix</i>	Common ivy
<i>Helictotrichon pratense</i>	Meadow oat-grass
<i>Heracleum sphondylium</i>	Hogweed
<i>Hippocrepis comosa</i>	Horseshoe vetch
<i>Hippuris vulgaris</i>	Mare's-tail
<i>Holcus lanatus</i>	Yorkshire-fog
<i>Hordeum secalinum</i>	Meadow barley
<i>Huperzia selago</i>	
<i>Hyacinthoides non-scripta</i>	Bluebell
<i>Hydrocharis morsus-ranae</i>	Frogbit
<i>Hydrocotyle vulgaris</i>	Marsh pennywort
<i>Hypericum tetrapterum</i>	Square-stalked St John's-wort
<i>Hypochaeris radicata</i>	Cat's-ear
<i>Ilex aquifolium</i>	Holly
<i>Iris pseudacorus</i>	Yellow iris
<i>Juncus gerardii</i>	Saltmarsh rush
<i>Juncus squarrosus</i>	Heath rush
<i>Kickxia elatine</i>	Sharp-leaved fluellen
<i>Kickxia spuria</i>	Round-leaved fluellen
<i>Knautia arvensis</i>	Field scabious
<i>Lamium amplexicaule</i>	Henbit dead-nettle
<i>Lathyrus pratensis</i>	Meadow vetchling
<i>Lemna trisulca</i>	Ivy-leaved duckweed
<i>Leucanthemum vulgare</i>	Oxeye daisy
<i>Limonium spp.</i>	
<i>Linum catharticum</i>	Fairy flax
<i>Lonicera periclymenum</i>	Honeysuckle
<i>Lotus corniculatus</i>	Common bird's-foot-trefoil

<i>Lotus pedunculatus</i>	Greater bird's-foot-trefoil
<i>Luzula multiflora</i>	Heath wood-rush
<i>Lycopus europaeus</i>	Gypsywort
<i>Lysimachia nemorum</i>	Yellow pimpernel
<i>Lysimachia vulgaris</i>	Yellow loosestrife
<i>Lythrum salicaria</i>	Purple-loosestrife
<i>Matricaria chamomilla</i>	Scented mayweed
<i>Medicago lupulina</i>	Black medick
<i>Melica uniflora</i>	Wood melick
<i>Mentha aquatica</i>	Water mint
<i>Mercurialis perennis</i>	Dog's mercury
<i>Milium effusum</i>	Wood millet
<i>Moehringia trinervia</i>	Three-nerved sandwort
<i>Molinia caerulea</i>	Purple moor-grass
<i>Mycelis muralis</i>	Wall lettuce
<i>Nardus stricta</i>	Mat-grass
<i>Narthecium ossifragum</i>	Bog asphodel
<i>Nuphar lutea</i>	Yellow water-lily
<i>Nymphaea alba</i>	White water-lily
<i>Origanum vulgare</i>	Wild marjoram
<i>Ornithopus perpusillus</i>	Bird's-foot
<i>Osmunda regalis</i>	Royal fern
<i>Pastinaca sativa</i>	Parsnip species
<i>Persicaria amphibia</i>	Amphibious bistort
<i>Persicaria lapathifolia</i>	Pale persicaria
<i>Petasites hybridus</i>	Butterbur
<i>Phalaris arundinacea</i>	Reed canary-grass
<i>Phyllitis scolopendrium</i>	Hart's-tongue
<i>Picris echioides</i>	Bristly oxtongue
<i>Pilosella officinarum</i>	Mouse-ear-hawkweed
<i>Plantago coronopus</i>	Buck's-horn plantain
<i>Plantago lanceolata</i>	Ribwort plantain
<i>Plantago maritima</i>	Sea plantain
<i>Plantago media</i>	Hoary plantain
<i>Polygala serpyllifolia/vulgaris</i>	
<i>Potamogeton polygonifolius</i>	Bog pondweed
<i>Potentilla anserina</i>	Silverweed
<i>Potentilla erecta</i>	Tormentil
<i>Potentilla sterilis</i>	Barren strawberry
<i>Poterium sanguisorba</i>	Salad burnet
<i>Primula veris</i>	Cowslip
<i>Prunus spinosa</i>	Blackthorn
<i>Puccinellia maritima</i>	Common saltmarsh-grass
<i>Ranunculus acris</i>	Meadow buttercup
<i>Ranunculus bulbosus</i>	Bulbous buttercup
<i>Ranunculus repens</i>	Creeping buttercup
<i>Ranunculus sceleratus</i>	Celery-leaved buttercup
<i>Ranunculus spp.</i>	Water-crowfoots
<i>Rhamnus cathartica</i>	Buckthorn
<i>Rhinanthus minor</i>	Yellow-rattle
<i>Rorippa nasturtium-aquaticum</i>	Water-cress
<i>Rubus chamaemorus</i>	
<i>Rumex acetosa</i>	Common sorrel

<i>Rumex acetosella</i>	Sheep's sorrel
<i>Rumex hydrolapathum</i>	Water dock
<i>Sagittaria sagittifolia</i>	Arrowhead
<i>Sanguisorba officinalis</i>	Great burnet
<i>Sanicula europaea</i>	Sanicle
<i>Scabiosa columbaria</i>	Small scabious
<i>Schoenoplectus lacustris</i>	Common club-rush
<i>Sherardia arvensis</i>	Field madder
<i>Silene dioica</i>	Red campion
<i>Silene flos-cuculi</i>	Ragged-robin
<i>Silene latifolia</i>	White campion
<i>Solanum dulcamara</i>	Bittersweet
<i>Sonchus arvensis</i>	Perennial sow-thistle
<i>Sonchus oleraceus</i>	Smooth sow-thistle
<i>Sparganium erectum</i>	Branched bur-reed
<i>Spirodela polyrhiza</i>	Greater duckweed
<i>Stachys officinalis</i>	Betony
<i>Stachys palustris</i>	Marsh woundwort
<i>Stellaria graminea</i>	Lesser stitchwort
<i>Stellaria holostea</i>	Greater stitchwort
<i>Suaeda maritima</i>	Annual sea-blite
<i>Succisa pratensis</i>	Devil's-bit scabious
<i>Symphytum officinale</i>	Common comfrey
<i>Teucrium scorodonia</i>	Wood sage
<i>Thymus polytrichus/pulegioides</i>	
<i>Torilis japonica</i>	Upright hedge-parsley
<i>Trifolium campestre</i>	Hop trefoil
<i>Trifolium dubium</i>	Lesser trefoil
<i>Trifolium pratense</i>	Red clover
<i>Trifolium repens</i>	White clover
<i>Triglochin maritimum</i>	
<i>Tripleurospermum inodorum</i>	Scentless mayweed
<i>Typha latifolia</i>	Bulrush
<i>Ulex gallii/minor</i>	
<i>Vaccinium myrtillus</i>	Bilberry
<i>Vaccinium vitis-idaea</i>	Cowberry
<i>Veronica arvensis</i>	Wall speedwell
<i>Veronica beccabunga</i>	Brooklime
<i>Veronica montana</i>	Wood speedwell
<i>Veronica officinalis</i>	Heath speedwell
<i>Vicia cracca</i>	Tufted vetch
<i>Vicia hirsuta</i>	Hairy tare
<i>Viola arvensis</i>	Field pansy
<i>Viola palustris</i>	Marsh violet
<i>Viola reichenbachiana/riviniana</i>	

EXPLANATORY NOTE

(This note is not part of the Regulations)

These Regulations set long-term targets in respect of three matters within the priority area of biodiversity under section 1 of the Environment Act 2021 (c. 30). These Regulations also set a target in relation to the abundance of species in accordance with section 3 of the Environment Act

2021. The Regulations specify the standard to be achieved in respect of each target and the date by which it must be achieved.

Part 2 makes provision in respect of a long-term biodiversity target to reduce the risk of species' extinction by 2042, when compared to the risk of species' extinction in 2022 (regulation 4). Regulation 5 makes provision in relation to how that target is to be measured. Regulation 6 provides that the reporting date for the species' extinction risk target is 1st July 2043.

Part 3 makes provision in respect of a long-term biodiversity target to ensure that in excess of 500,000 hectares of a range of wildlife-rich habitats are to be restored or created by 31st December 2042 (regulation 7). Regulation 8 makes provision in relation to how that target is to be measured. Regulation 9 provides that the reporting date for that target is 1st December 2043. Regulation 10 defines terms used in Part 3 including "wildlife-rich habitat". Schedule 1 makes further provision in relation to the definition of "wildlife-rich habitat".

Part 4 makes provision in respect of the 2030 species abundance target to ensure that by 31st December 2030 (the specified date) the decline in the abundance of species has been halted (regulation 11). Regulation 12 makes provision in relation to how the 2030 species abundance target is to be measured. Schedule 2 provides a list of species for which data are included in the relative species abundance indices. Regulation 13 provides that the reporting date for that target is 15th April 2032.

Part 4 also makes provision in respect of a long-term biodiversity target to reverse the decline of species abundance to ensure that the overall species abundance is higher by 31st December 2042 than for 31st December 2022, and at least 10% higher than for 31st December 2030 (regulation 14). Regulation 15 makes provision in relation to how the long-term biodiversity target to reverse the decline of species abundance is to be measured. Regulation 16 provides that the reporting date for that target is 15th April 2044.

A full impact assessment of the effect that this instrument will have on the costs of business, the voluntary sector and the public sector is available from the Department for the Environment, Food and Rural Affairs, Seacole Building, 2 Marsham Street, London SW1P 4DF, and is published with an Explanatory Memorandum alongside these Regulations on www.legislation.gov.uk.

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