

Council Directive 2013/17/EU of 13 May 2013 adapting certain directives in the field of environment, by reason of the accession of the Republic of Croatia

COUNCIL DIRECTIVE 2013/17/EU

of 13 May 2013

adapting certain directives in the field of environment,
by reason of the accession of the Republic of Croatia

THE COUNCIL OF THE EUROPEAN UNION,

Having regard to the Treaty on the Functioning of the European Union,

Having regard to the Treaty of Accession of Croatia, and in particular Article 3(4) thereof,

Having regard to the Act of Accession of Croatia, and in particular Article 50 thereof,

Having regard to the proposal from the European Commission,

Whereas:

- (1) Pursuant to Article 50 of the Act of Accession of Croatia, where acts of the institutions adopted prior to accession require adaptation by reason of accession, and the necessary adaptations have not been provided for in that Act of Accession or in the Annexes thereto, the Council, acting by qualified majority on a proposal from the Commission, shall, to this end, adopt the necessary acts, if the original act was not adopted by the Commission.
- (2) The Final Act of the Conference which drew up and adopted the Treaty of Accession of Croatia indicated that the High Contracting Parties had reached political agreement on a set of adaptations to acts adopted by the institutions required by reason of accession and invited the Council and the Commission to adopt those adaptations before accession, completed and updated where necessary to take account of the evolution of the law of the Union.
- (3) Directives 92/43/EEC⁽¹⁾, 2001/81/EC⁽²⁾ and 2009/147/EC⁽³⁾ should therefore be amended accordingly,

HAS ADOPTED THIS DIRECTIVE:

Article 1 U.K.

Directives 92/43/EEC, 2001/81/EC and 2009/147/EC are amended as set out in the Annex to this Directive.

Article 2 U.K.

1 Member States shall adopt and publish, by the date of accession of Croatia to the Union at the latest, the laws, regulations and administrative provisions necessary to comply with this Directive. They shall forthwith communicate to the Commission the text of those provisions.

They shall apply those provisions from the date of accession of Croatia to the Union.

When Member States adopt those measures, they shall contain a reference to this Directive or be accompanied by such a reference on the occasion of their official publication. Member States shall determine how such reference is to be made.

2 Member States shall communicate to the Commission the text of the main provisions of national law which they adopt in the field covered by this Directive.

Article 3 U.K.

This Directive shall enter into force subject to and as from the date of the entry into force of the Treaty of Accession of Croatia.

Article 4 U.K.

This Directive is addressed to the Member States.

Done at Brussels, 13 May 2013.

For the Council

The President

S. COVENEY

ANNEX U.K.

PART A U.K.

INDUSTRIAL POLLUTION CONTROL AND RISK MANAGEMENT

Directive 2001/81/EC is amended as follows:

- (1) Annex I is replaced by the following:

‘ANNEX NATIONAL EMISSION CEILINGS FOR SO₂, NO_x, VOC AND NH₃, TO
I BE ATTAINED BY 2010These national emission ceilings are designed with
the aim of broadly meeting the interim environmental objectives set out in
Article 5. Meeting those objectives is expected to result in a reduction of soil
eutrophication to such an extent that the area of the Union with depositions
of nutrient nitrogen in excess of the critical loads will be reduced by about
30 % compared with the situation in 1990.These national emission ceilings
are temporary and are without prejudice to the review according to Article
10 of this Directive, which is to be completed in 2008.The national emission
ceilings for Croatia are to be attained by the date of its accession to the
Union.’CountrySO₂KilotonnesNO_xKilotonnesVOCKilotonnesNH₃KilotonnesBelgium991761
Republic26528622080Denmark551278569Germany5201
051995550Estonia100604929Ireland426555116Greece52334426173Spain746847662353France
050780Croatia70879030Italy4759901
159419Cyprus3923149Latvia1016113644Lithuania1451109284Luxembourg41197Hungary5000
397879800468Portugal16025018090Romania918437523210Slovenia27454020Slovakia110130
Kingdom5851 1671 200297EU 288 3679 0908 9384 324

- (2) In Annex II, the table is replaced by the following:

	‘SO ₂ Kilotonnes	NO _x Kilotonnes	VOCKilotonnes
EU 28 ^a	7 902	8 267	7 675

^a These emission ceilings are temporary and are without prejudice to the review according to Article 10 of this Directive, which is to be completed in 2008.’

PART B U.K.

NATURE PROTECTION

- (1) Directive 92/43/EEC is amended as follows: U.K.
(a) Annex I is replaced by the following:

ANNEX I U.K.

NATURAL HABITAT TYPES OF COMMUNITY INTEREST WHOSE CONSERVATION REQUIRES THE DESIGNATION OF SPECIAL AREAS OF CONSERVATION Interpretation

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Guidance on the interpretation of habitat types is given in the *Interpretation Manual of European Union Habitats* as approved by the committee set up under Article 20 (“Habitats Committee”) and published by the European Commission⁽⁴⁾.

The code corresponds to the Natura 2000 code.

The sign “*” indicates priority habitat types.

1. COASTAL AND HALOPHYTIC HABITATS U.K.
11. Open sea and tidal areas U.K.

1110	Sandbanks which are slightly covered by sea water all the time
1120	* <i>Posidonia</i> beds (<i>Posidonia oceanicae</i>)
1130	Estuaries
1140	Mudflats and sandflats not covered by seawater at low tide
1150	* Coastal lagoons
1160	Large shallow inlets and bays
1170	Reefs
1180	Submarine structures made by leaking gases
12. Sea cliffs and shingle or stony beaches U.K.

1210	Annual vegetation of drift lines
1220	Perennial vegetation of stony banks
1230	Vegetated sea cliffs of the Atlantic and Baltic Coasts
1240	Vegetated sea cliffs of the Mediterranean coasts with endemic <i>Limonium</i> spp.
1250	Vegetated sea cliffs with endemic flora of the Macaronesian coasts
13. Atlantic and continental salt marshes and salt meadows U.K.

1310	<i>Salicornia</i> and other annuals colonizing mud and sand
1320	<i>Spartina</i> swards (<i>Spartinion maritimae</i>)
1330	Atlantic salt meadows (<i>Glauco-Puccinellietalia maritimae</i>)
1340	* Inland salt meadows
14. Mediterranean and thermo-Atlantic salt marshes and salt meadows U.K.

1410	Mediterranean salt meadows (<i>Juncetalia maritimi</i>)
1420	Mediterranean and thermo-Atlantic halophilous scrubs (<i>Sarcocornetea fruticosi</i>)
1430	Halo-nitrophilous scrubs (<i>Pegano-Salsoletea</i>)
15. Salt and gypsum inland steppes U.K.

1510	* Mediterranean salt steppes (<i>Limonietalia</i>)
1520	* Iberian gypsum vegetation (<i>Gypsophiletalia</i>)
1530	* Pannonic salt steppes and salt marshes
16. Boreal Baltic archipelago, coastal and landupheaval areas U.K.

1610	Baltic esker islands with sandy, rocky and shingle beach vegetation and sublittoral vegetation
1620	Boreal Baltic islets and small islands
1630	* Boreal Baltic coastal meadows
1640	Boreal Baltic sandy beaches with perennial vegetation
1650	Boreal Baltic narrow inlets
2.	COASTAL SAND DUNES AND INLAND DUNES U.K.
21.	Sea dunes of the Atlantic, North Sea and Baltic coasts U.K.
2110	Embryonic shifting dunes
2120	Shifting dunes along the shoreline with <i>Ammophila arenaria</i> ("white dunes")
2130	* Fixed coastal dunes with herbaceous vegetation ("grey dunes")
2140	* Decalcified fixed dunes with <i>Empetrum nigrum</i>
2150	* Atlantic decalcified fixed dunes (<i>Calluno-Ulicetea</i>)
2160	Dunes with <i>Hippophaë rhamnoides</i>
2170	Dunes with <i>Salix repens</i> ssp. <i>argentea</i> (<i>Salicion arenariae</i>)
2180	Wooded dunes of the Atlantic, Continental and Boreal region
2190	Humid dune slacks
21A0	Machairs (* in Ireland)
22.	Sea dunes of the Mediterranean coast U.K.
2210	<i>Crucianellion maritimae</i> fixed beach dunes
2220	Dunes with <i>Euphorbia terracina</i>
2230	<i>Malcolmietalia</i> dune grasslands
2240	<i>Brachypodietalia</i> dune grasslands with annuals
2250	* Coastal dunes with <i>Juniperus</i> spp.
2260	<i>Cisto-Lavenduletalia</i> dune sclerophyllous scrubs
2270	* Wooded dunes with <i>Pinus pinea</i> and/or <i>Pinus pinaster</i>
23.	Inland dunes, old and decalcified U.K.
2310	Dry sand heaths with <i>Calluna</i> and <i>Genista</i>
2320	Dry sand heaths with <i>Calluna</i> and <i>Empetrum nigrum</i>
2330	Inland dunes with open <i>Corynephorus</i> and <i>Agrostis</i> grasslands
2340	* Pannonic inland dunes
3.	FRESHWATER HABITATS U.K.
31.	Standing water U.K.
3110	Oligotrophic waters containing very few minerals of sandy plains (<i>Littorellatalia uniflorae</i>)
3120	Oligotrophic waters containing very few minerals generally on sandy soils of the West Mediterranean, with <i>Isoetes</i> spp.

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3130	Oligotrophic to mesotrophic standing waters with vegetation of the <i>Littorelletea uniflorae</i> and/or of the <i>Isoëto-Nanojuncetea</i>
3140	Hard oligo-mesotrophic waters with benthic vegetation of <i>Chara</i> spp.
3150	Natural eutrophic lakes with <i>Magnopotamion</i> or <i>Hydrocharition</i> — type vegetation
3160	Natural dystrophic lakes and ponds
3170	* Mediterranean temporary ponds
3180	* Turloughs
3190	Lakes of gypsum karst
31A0	* Transylvanian hot-spring lotus beds

32. Running water — sections of water courses with natural or semi-natural dynamics (minor, average and major beds) where the water quality shows no significant deterioration U.K.

3210	Fennoscandian natural rivers
3220	Alpine rivers and the herbaceous vegetation along their banks
3230	Alpine rivers and their ligneous vegetation with <i>Myricaria germanica</i>
3240	Alpine rivers and their ligneous vegetation with <i>Salix elaeagnos</i>
3250	Constantly flowing Mediterranean rivers with <i>Glaucium flavum</i>
3260	Water courses of plain to montane levels with the <i>Ranunculion fluitantis</i> and <i>Callitricho-Batrachion</i> vegetation
3270	Rivers with muddy banks with <i>Chenopodion rubri</i> p.p. and <i>Bidention</i> p.p. vegetation
3280	Constantly flowing Mediterranean rivers with <i>Paspalo-Agrostidion</i> species and hanging curtains of <i>Salix</i> and <i>Populus alba</i>
3290	Intermittently flowing Mediterranean rivers of the <i>Paspalo-Agrostidion</i>
32A0	Tufa cascades of karstic rivers in the Dinaric Alps

4. TEMPERATE HEATH AND SCRUB U.K.

4010	Northern Atlantic wet heaths with <i>Erica tetralix</i>
4020	* Temperate Atlantic wet heaths with <i>Erica ciliaris</i> and <i>Erica tetralix</i>
4030	European dry heaths
4040	* Dry Atlantic coastal heaths with <i>Erica vagans</i>
4050	* Endemic macaronesian heaths
4060	Alpine and Boreal heaths
4070	* Bushes with <i>Pinus mugo</i> and <i>Rhododendron hirsutum</i> (<i>Mugo-Rhododendretum hirsuti</i>)
4080	Sub-Arctic <i>Salix</i> spp. Scrub
4090	Endemic oro-Mediterranean heaths with gorse
40A0	* Subcontinental peri-Pannonic scrub
40B0	Rhodope <i>Potentilla fruticosa</i> thickets
40C0	* Ponto-Sarmatic deciduous thickets

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5. SCLEROPHYLLOUS SCRUB (MATORRAL) U.K.
51. Sub-Mediterranean and temperate scrub U.K.
- 5110 Stable xerothermophilous formations with *Buxus sempervirens* on rock slopes (*Berberidion* p.p.)
- 5120 Mountain *Cytisus purgans* formations
- 5130 *Juniperus communis* formations on heaths or calcareous grasslands
- 5140 * *Cistus palhinhae* formations on maritime wet heaths
52. Mediterranean arborescent matorral U.K.
- 5210 Arborescent matorral with *Juniperus* spp.
- 5220 * Arborescent matorral with *Zyziphus*
- 5230 * Arborescent matorral with *Laurus nobilis*
53. Thermo-Mediterranean and pre-steppe brush U.K.
- 5310 *Laurus nobilis* thickets
- 5320 Low formations of *Euphorbia* close to cliffs
- 5330 Thermo-Mediterranean and pre-desert scrub
54. Phrygana U.K.
- 5410 West Mediterranean clifftop phryganas (*Astragalo-Plantaginetum subulatae*)
- 5420 *Sarcopoterium spinosum* phryganas
- 5430 Endemic phryganas of the *Euphorbio-Verbascion*
6. NATURAL AND SEMI-NATURAL FORMATIONS U.K. GRASSLAND
61. Natural grasslands U.K.
- 6110 * Rupicolous calcareous or basophilic grasslands of the *Alyssso-Sedion albi*
- 6120 Xeric sand calcareous grasslands
- 6130 Calaminarian grasslands of the *Violetalia calaminariae*
- 6140 Siliceous Pyrenean *Festuca eskia* grasslands
- 6150 Siliceous alpine and boreal grasslands
- 6160 Oro-Iberian *Festuca indigesta* grasslands
- 6170 Alpine and subalpine calcareous grasslands
- 6180 Macaronesian mesophile grasslands
- 6190 Rupicolous pannonic grasslands (*Stipo-Festucetalia pallentis*)
62. Semi-natural dry grasslands and scrubland facies U.K.
- 6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (*Festuco-Brometalia*) (* important orchid sites)
- 6220 * Pseudo-steppe with grasses and annuals of the *Thero-Brachypodietea*
- 6230 * Species-rich *Nardus* grasslands, on siliceous substrates in mountain areas (and submountain areas in Continental Europe)

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6240	* Sub-Pannonic steppic grasslands
6250	* Pannonic loess steppic grasslands
6260	* Pannonic sand steppes
6270	* Fennoscandian lowland species-rich dry to mesic grasslands
6280	* Nordic alvar and precambrian calcareous flatrocks
62A0	Eastern sub-Mediterranean dry grasslands (<i>Scorzoneratalia villosae</i>)
62B0	* Serpentophilous grassland of Cyprus
62C0	* Ponto-Sarmatic steppes
62D0	Oro-Moesian acidophilous grasslands
63.	Sclerophillous grazed forests (dehesas) U.K.
6310	Dehesas with evergreen <i>Quercus</i> spp.
64.	Semi-natural tall-herb humid meadows U.K.
6410	<i>Molinia</i> meadows on calcareous, peaty or clayey-silt-laden soils (<i>Molinion caeruleae</i>)
6420	Mediterranean tall humid grasslands of the <i>Molinio-Holoschoenion</i>
6430	Hydrophilous tall herb fringe communities of plains and of the montane to alpine levels
6440	Alluvial meadows of river valleys of the <i>Cnidion dubii</i>
6450	Northern boreal alluvial meadows
6460	Peat grasslands of Troodos
65.	Mesophile grasslands U.K.
6510	Lowland hay meadows (<i>Alopecurus pratensis</i> , <i>Sanguisorba officinalis</i>)
6520	Mountain hay meadows
6530	* Fennoscandian wooded meadows
6540	Sub-Mediterranean grasslands of the <i>Molinio-Hordeion secalini</i>
7.	RAISED BOGS AND MIRES AND FENS U.K.
71.	Sphagnum acid bogs U.K.
7110	* Active raised bogs
7120	Degraded raised bogs still capable of natural regeneration
7130	Blanket bogs (* if active bog)
7140	Transition mires and quaking bogs
7150	Depressions on peat substrates of the <i>Rhynchosporion</i>
7160	Fennoscandian mineral-rich springs and springfens
72.	Calcareous fens U.K.
7210	* Calcareous fens with <i>Cladium mariscus</i> and species of the <i>Caricion davalliana</i>
7220	* Petrifying springs with tufa formation (<i>Cratoneurion</i>)
7230	Alkaline fens

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7240	* Alpine pioneer formations of the <i>Caricion bicoloris-atrofuscae</i>
73.	Boreal mires U.K.
7310	* Aapa mires
7320	* Palsa mires
8.	ROCKY HABITATS AND CAVES U.K.
81.	Scree U.K.
8110	Siliceous scree of the montane to snow levels (<i>Androsacetalia alpinae</i> and <i>Galeopsietalia ladani</i>)
8120	Calcareous and calcshist screes of the montane to alpine levels (<i>Thlaspietea rotundifolii</i>)
8130	Western Mediterranean and thermophilous scree
8140	Eastern Mediterranean screes
8150	Medio-European upland siliceous screes
8160	* Medio-European calcareous scree of hill and montane levels
82.	Rocky slopes with chasmophytic vegetation U.K.
8210	Calcareous rocky slopes with chasmophytic vegetation
8220	Siliceous rocky slopes with chasmophytic vegetation
8230	Siliceous rock with pioneer vegetation of the <i>Sedo-Scleranthion</i> or of the <i>Sedo albi-Veronicion dillenii</i>
8240	* Limestone pavements
83.	Other rocky habitats U.K.
8310	Caves not open to the public
8320	Fields of lava and natural excavations
8330	Submerged or partially submerged sea caves
8340	Permanent glaciers
9.	FORESTS U.K.
(Sub)natural woodland vegetation comprising native species forming forests of tall trees, with typical undergrowth, and meeting the following criteria: rare or residual, and/or hosting species of Community interest	
90.	Forests of Boreal Europe U.K.
9010	* Western Taiga
9020	* Fennoscandian hemiboreal natural old broad-leaved deciduous forests (<i>Quercus</i> , <i>Tilia</i> , <i>Acer</i> , <i>Fraxinus</i> or <i>Ulmus</i>) rich in epiphytes
9030	* Natural forests of primary succession stages of landupheaval coast
9040	Nordic subalpine/subarctic forests with <i>Betula pubescens</i> ssp. <i>czerepanovii</i>
9050	Fennoscandian herb-rich forests with <i>Picea abies</i>
9060	Coniferous forests on, or connected to, glaciofluvial eskers
9070	Fennoscandian wooded pastures
9080	* Fennoscandian deciduous swamp woods

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91.	Forests of Temperate Europe U.K.	
9110	<i>Luzulo-Fagetum</i> beech forests	
9120	Atlantic acidophilous beech forests with <i>Ilex</i> and sometimes also <i>Taxus</i> in the shrublayer (<i>Quercion robori-petraeae</i> or <i>Ilici-Fagenion</i>)	
9130	<i>Asperulo-Fagetum</i> beech forests	
9140	Medio-European subalpine beech woods with <i>Acer</i> and <i>Rumex arifolius</i>	
9150	Medio-European limestone beech forests of the <i>Cephalanthero-Fagion</i>	
9160	Sub-Atlantic and medio-European oak or oak-hornbeam forests of the <i>Carpinion betuli</i>	
9170	<i>Galio-Carpinetum</i> oak-hornbeam forests	
9180	* <i>Tilio-Acerion</i> forests of slopes, screes and ravines	
9190	Old acidophilous oak woods with <i>Quercus robur</i> on sandy plains	
91A0	Old sessile oak woods with <i>Ilex</i> and <i>Blechnum</i> in the British Isles	
91B0	Thermophilous <i>Fraxinus angustifolia</i> woods	
91C0	* Caledonian forest	
91D0	* Bog woodland	
91E0	* Alluvial forests with <i>Alnus glutinosa</i> and <i>Fraxinus excelsior</i> (<i>Alno-Padion</i> , <i>Alnion incanae</i> , <i>Salicion albae</i>)	
91F0	Riparian mixed forests of <i>Quercus robur</i> , <i>Ulmus laevis</i> and <i>Ulmus minor</i> , <i>Fraxinus excelsior</i> or <i>Fraxinus angustifolia</i> , along the great rivers (<i>Ulmenion minoris</i>)	
91G0	* Pannonic woods with <i>Quercus petraea</i> and <i>Carpinus betulus</i>	
91H0	* Pannonic woods with <i>Quercus pubescens</i>	
91I0	* Euro-Siberian steppic woods with <i>Quercus</i> spp.	
91J0	* <i>Taxus baccata</i> woods of the British Isles	
91K0	Illyrian <i>Fagus sylvatica</i> forests (<i>Aremonio-Fagion</i>)	
91L0	Illyrian oak-hornbeam forests (<i>Erythronio-Carpinion</i>)	
91M0	Pannonic-Balkanic turkey oak — sessile oak forests	
91N0	* Pannonic inland sand dune thicket (<i>Juniperopopuleum albae</i>)	
91P0	Holy Cross fir forest (<i>Abietetum polonicum</i>)	
91Q0	Western Carpathian calcicolous <i>Pinus sylvestris</i> forests	
91R0	Dinaric dolomite Scots pine forests (<i>Genisto januensis-Pinetum</i>)	
91S0	* Western Pontic beech forests	
91T0	Central European lichen Scots pine forests	
91U0	Sarmatic steppe pine forest	
91V0	Dacian Beech forests (<i>Sympyto-Fagion</i>)	
91W0	Moesian beech forests	
91X0	* Dobrogean beech forests	
91Y0	Dacian oak & hornbeam forests	
91Z0	Moesian silver lime woods	
91AA	* Eastern white oak woods	
91BA	Moesian silver fir forests	
91CA	Rhodopide and Balkan Range Scots pine forests	

92.	Mediterranean deciduous forests U.K.
9210	* Apeninne beech forests with <i>Taxus</i> and <i>Ilex</i>
9220	* Apennine beech forests with <i>Abies alba</i> and beech forests with <i>Abies nebrodensis</i>
9230	Galicio-Portuguese oak woods with <i>Quercus robur</i> and <i>Quercus pyrenaica</i>
9240	<i>Quercus faginea</i> and <i>Quercus canariensis</i> Iberian woods
9250	<i>Quercus trojana</i> woods
9260	<i>Castanea sativa</i> woods
9270	Hellenic beech forests with <i>Abies borisii-regis</i>
9280	<i>Quercus frainetto</i> woods
9290	<i>Cupressus</i> forests (<i>Acero-Cupression</i>)
92A0	<i>Salix alba</i> and <i>Populus alba</i> galleries
92B0	Riparian formations on intermittent Mediterranean water courses with <i>Rhododendron ponticum</i> , <i>Salix</i> and others
92C0	<i>Platanus orientalis</i> and <i>Liquidambar orientalis</i> woods (<i>Platanion orientalis</i>)
92D0	Southern riparian galleries and thickets (<i>Nerio-Tamaricetea</i> and <i>Securinegion tinctoriae</i>)
93.	Mediterranean sclerophyllous forests U.K.
9310	Aegean <i>Quercus brachyphylla</i> woods
9320	<i>Olea</i> and <i>Ceratonia</i> forests
9330	<i>Quercus suber</i> forests
9340	<i>Quercus ilex</i> and <i>Quercus rotundifolia</i> forests
9350	<i>Quercus macrolepis</i> forests
9360	* Macaronesian laurel forests (<i>Laurus, Ocotea</i>)
9370	* Palm groves of <i>Phoenix</i>
9380	Forests of <i>Ilex aquifolium</i>
9390	* Scrub and low forest vegetation with <i>Quercus alnifolia</i>
93A0	Woodlands with <i>Quercus infectoria</i> (<i>Anagyro foetidae-Quercetum infectoriae</i>)
94.	Temperate mountainous coniferous forests U.K.
9410	Acidophilous <i>Picea</i> forests of the montane to alpine levels (<i>Vaccinio-Piceetea</i>)
9420	Alpine <i>Larix decidua</i> and/or <i>Pinus cembra</i> forests
9430	Subalpine and montane <i>Pinus uncinata</i> forests (* if on gypsum or limestone)
95.	Mediterranean forests U.K. and Macaronesian mountainous coniferous
9510	* Southern Apennine <i>Abies alba</i> forests
9520	<i>Abies pinsapo</i> forests
9530	* (Sub-) Mediterranean pine forests with endemic black pines
9540	Mediterranean pine forests with endemic Mesogean pines

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9550	Canarian endemic pine forests
9560	* Endemic forests with <i>Juniperus</i> spp.
9570	* <i>Tetraclinis articulata</i> forests
9580	* Mediterranean <i>Taxus baccata</i> woods
9590	* <i>Cedrus brevifolia</i> forests (<i>Cedrosetum brevifoliae</i>)
95A0	High oro-Mediterranean pine forests

- (b) Annex II is replaced by the following:

‘ANNEX II U.K.’

**ANIMAL AND PLANT SPECIES OF COMMUNITY
INTEREST WHOSE CONSERVATION REQUIRES THE
DESIGNATION OF SPECIAL AREAS OF CONSERVATION**

Interpretation

- (a) Annex II follows on from Annex I for the establishment of a consistent network of special areas of conservation.
- (b) The species listed in this Annex are indicated:
 - by the name of the species or subspecies, or
 - by all the species belonging to a higher taxon or to a designated part of that taxon.

The abbreviation “spp.” after the name of a family or genus designates all the species belonging to that family or genus.

- (c) Symbols U.K.

An asterisk (*) before the name of a species indicates that it is a priority species.

Most species listed in this Annex are also listed in Annex IV. Where a species appears in this Annex but does not appear in either Annex IV or Annex V, the species name is followed by the symbol (o); where a species which appears in this Annex also appears in Annex V but does not appear in Annex IV, its name is followed by the symbol (V).

- (a) **ANIMALS U.K.**

VERTEBRATES

MAMMALS

INSECTIVORA

Talpidae

Galemys pyrenaicus

CHIROPTERA

Rhinolophidae

Rhinolophus blasii

Rhinolophus euryale

Rhinolophus ferrumequinum

Rhinolophus hipposideros

Rhinolophus mehelyi

Vespertilionidae

Barbastella barbastellus

Miniopterus schreibersii

Myotis bechsteinii

Myotis blythii

Myotis capaccinii

Myotis dasycneme

Myotis emarginatus

Myotis myotis

Pteropodidae

Rousettus aegyptiacus

RODENTIA

Gliridae

Myomimus roachi

Sciuridae

* *Marmota marmota lattrostris*

* *Pteromys volans (Sciuropterus russicus)*

Spermophilus citellus (Citellus citellus)

* *Spermophilus suslicus (Citellus suslicus)*
Castoridae

Castor fiber (except the Estonian, Latvian, Lithuanian, Finnish and Swedish populations)

Cricetidae

Mesocricetus newtoni

Microtidae

Dinaromys bogdanovi

Microtus cabrerae

* *Microtus oeconomus arenicola*

* *Microtus oeconomus mehelyi*

Microtus taticus

Zapodidae

Sicista subtilis

CARNIVORA

Canidae

* *Alopex lagopus*

* *Canis lupus* (except the Estonian population; Greek populations: only south of the 39th parallel; Spanish populations: only those south of the Duero; Latvian, Lithuanian and Finnish populations).

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Ursidae

* *Ursus arctos* (except the Estonian, Finnish and Swedish populations)

Mustelidae

* *Gulo gulo*

Lutra lutra

Mustela eversmannii

* *Mustela lutreola*

Vormela peregusna

Felidae

Lynx lynx (except the Estonian, Latvian and Finnish populations)

* *Lynx pardinus*

Phocidae

Halichoerus grypus (V)

* *Monachus monachus*

Phoca hispida bottnica (V)

* *Phoca hispida saimensis*

Phoca vitulina (V)

ARTIODACTYLA

Cervidae

* *Cervus elaphus corsicanus*

Rangifer tarandus fennicus (o)

Bovidae

* *Bison bonasus*

Capra aegagrus (natural populations)

* *Capra pyrenaica pyrenaica*

Ovis gmelini musimon (*Ovis ammon musimon*) (natural populations — Corsica and Sardinia)

Ovis orientalis ophion (*Ovis gmelini ophion*)

* *Rupicapra pyrenaica ornata* (*Rupicapra rupicapra ornata*)

Rupicapra rupicapra balcanica

* *Rupicapra rupicapra tatarica*

CETACEA

Phocoena phocoena

Tursiops truncatus

REPTILES

CHELONIA (TESTUDINES)

Testudinidae

Testudo graeca

Testudo hermanni

Testudo marginata

Cheloniidae

* *Caretta caretta*

* *Chelonia mydas*

Emydidae

Emys orbicularis

Mauremys caspica

Mauremys leprosa

SAURIA

Lacertidae

Dinarolacerta mosorensis

Lacerta bonnali (*Lacerta monticola*)

Lacerta monticola

Lacerta schreiberi

Gallotia galloti insulanagae

* *Gallotia simonyi*

Podarcis lilfordi

Podarcis pityusensis

Scincidae

Chalcides simonyi (*Chalcides occidentalis*)

Gekkonidae

Phyllodactylus europaeus

OPHIDIA (SERPENTES)

Colubridae

* *Coluber cypriensis*

Elaphe quatuorlineata

Elaphe situla

* *Natrix natrix cypriaca*

Viperidae

* *Macrovipera schweizeri* (*Vipera lebetina schweizeri*)

Vipera ursinii (except *Vipera ursinii rakosiensis* and *Vipera ursinii macrops*)

* *Vipera ursinii macrops*

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* *Vipera ursinii rakosiensis*

AMPHIBIANS

CAUDATA

Salamandridae

Chioglossa lusitanica

Mertensiella luschani (*Salamandra luschani*)

* *Salamandra aurorae* (*Salamandra atra aurorae*)

Salamandrina terdigitata

Triturus carnifex (*Triturus cristatus carnifex*)

Triturus cristatus (*Triturus cristatus cristatus*)

Triturus dobrogicus (*Triturus cristatus dobrogicus*)

Triturus karelinii (*Triturus cristatus karelinii*)

Triturus montandoni

Triturus vulgaris ampelensis

Proteidae

* *Proteus anguinus*

Plethodontidae

Hydromantes (Speleomantes) ambrosii

Hydromantes (Speleomantes) flavus

Hydromantes (Speleomantes) genei

Hydromantes (Speleomantes) imperialis

Hydromantes (Speleomantes) strinatii

Hydromantes (Speleomantes) supramontis

ANURA

Discoglossidae

* *Alytes muletensis*

Bombina bombina

Bombina variegata

Discoglossus galganoi (including *Discoglossus "jeanneae"*)

Discoglossus montalentii

Discoglossus sardus

Ranidae

Rana latastei

Pelobatidae

* *Pelobates fuscus insubricus*

FISH

PETROMYZONIFORMES

Petromyzonidae

Eudontomyzon spp. (o)

Lampetra fluviatilis (V) (except the Finnish and Swedish populations)

Lampetra planeri (o) (except the Estonian, Finnish, and Swedish populations)

Lethenteron zanandreai (V)

Petromyzon marinus (o) (except the Swedish populations)

ACIPENSERIFORMES

Acipenseridae

* *Acipenser naccarii*

* *Acipenser sturio*

CLUPEIFORMES

Clupeidae

Alosa spp. (V)

SALMONIFORMES

Salmonidae

Hucho hucho (natural populations) (V)

Salmo macrostigma (o)

Salmo marmoratus (o)

Salmo salar (only in fresh water) (V) (except the Finnish populations)

Salmosthymus obtusirostris (o)

Coregonidae

* *Coregonus oxyrhynchus* (anadromous populations in certain sectors of the North Sea)

Umbridae

Umbra krameri (o)

CYPRINIFORMES

Cyprinidae

Alburnus albidus (o) (*Alburnus vulturius*)

Aulopyge huegeli (o)

Anaecypris hispanica

Aspius aspius (V) (except the Finnish populations)

Barbus comiza (V)

Barbus meridionalis (V)

Barbus plebejus (V)

Chalcalburnus chalcoides (o)

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Chondrostoma genei (o)
Chondrostoma knerii (o)
Chondrostoma lusitanicum (o)
Chondrostoma phoxinus (o)
Chondrostoma polylepis (o) (including *C. willkommii*)
Chondrostoma soetta (o)
Chondrostoma toxostoma (o)
Gobio albipinnatus (o)
Gobio kessleri (o)
Gobio uranoscopus (o)
Iberocypris palaciosi (o)
* *Ladigesocypris ghigii* (o)
Leuciscus lucumonis (o)
Leuciscus souffia (o)
Pelecus cultratus (V)
Phoxinellus spp. (o)
* *Phoxinus percnurus*
Rhodeus sericeus amarus (o)
Rutilus pigus (V)
Rutilus rubilio (o)
Rutilus arcasii (o)
Rutilus macrolepidotus (o)
Rutilus lemingii (o)
Rutilus frisii meidingeri (V)
Rutilus alburnoides (o)
Scardinius graecus (o)
Squalius microlepis (o)
Squalius svallize (o)
Cobitidae
Cobitis elongata (o)
Cobitis taenia (o) (except the Finnish populations)
Cobitis trichonica (o)

Misgurnus fossilis (o)

Sabanejewia aurata (o)

Sabanejewia larvata (o) (*Cobitis larvata* and *Cobitis conspersa*)
SILURIFORMES
Siluridae

Silurus aristotelis (V)

ATHERINIFORMES
Cyprinodontidae

Aphanius iberus (o)

Aphanius fasciatus (o)

* *Valencia hispanica*

* *Valencia letourneuxi* (*Valencia hispanica*)

PERCIFORMES
Percidae

Gymnocephalus baloni

Gymnocephalus schraetzer (V)

* *Romanichthys valsanicola*

Zingel spp. ((o) except *Zingel asper* and *Zingel zingel* (V))
Gobiidae

Knipowitschia croatica (o)

Knipowitschia (Padogobius) panizzae (o)

Padogobius nigricans (o)

Pomatoschistus canestrini (o)

SCORPAENIFORMES
Cottidae

Cottus gobio (o) (except the Finnish populations)

Cottus petiti (o)

INVERTEBRATES
ARTHROPODS
CRUSTACEA
Decapoda

Austropotamobius pallipes (V)

* *Austropotamobius torrentium* (V)
Isopoda

* *Armadillidium ghardalamensis*

INSECTA
Coleoptera

Agathidium pulchellum (o)

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Bolbelasmus unicornis

Boros schneideri (o)

Buprestis splendens

Carabus hampei

Carabus hungaricus

* *Carabus menetriesi pacholei*

* *Carabus olympiae*

Carabus variolosus

Carabus zawadzkii

Cerambyx cerdo

Corticaria planula (o)

Cucujus cinnaberinus

Dorcadion fulvum cervae

Duvalius gebhardti

Duvalius hungaricus

Dytiscus latissimus

Graphoderus bilineatus

Leptodirus hochenwarti

Limoniscus violaceus (o)

Lucanus cervus (o)

Macroplea pubipennis (o)

Mesosa myops (o)

Morimus funereus (o)

* *Osmoderma eremita*

Oxyporus mannerheimii (o)

Pilemia tigrina

* *Phryganophilus ruficollis*

Probaticus subrugosus

Propomacrus cyriacus

* *Pseudogaurotina excellens*

Pseudoseriscus cameroni

Pytho kolwensis

Rhysodes sulcatus (o)

* *Rosalia alpina*

Stephanopachys linearis (o)

Stephanopachys substriatus (o)

Xyletinus tremulicola (o)

Hemiptera

Aradus angularis (o)

Lepidoptera

Agriades glandon aquilo (o)

Arytrura musculus

* *Callimorpha (Euplagia, Panaxia) quadripunctaria* (o)

Catopta thrips

Chondrosoma fiduciarium

Clossiana improba (o)

Coenonympha oedippus

Colias myrmidone

Cucullia mixta

Dioszeghyana schmidtii

Erannis ankeraria

Erebia calcaria

Erebia christi

Erebia medusa polaris (o)

Eriogaster catax

Euphydryas (Eurodryas, Hypodryas) aurinia (o)

Glyptipterix loricatella

Gortyna borelii lunata

Graellsia isabellae (V)

Hesperia comma catena (o)

Hypodryas maturna

Leptidea morsei

Lignyoptera fumidaria

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Lycaena dispar

Lycaena helle

Maculinea nausithous

Maculinea teleius

Melanargia arge

* *Nymphalis vaualbum*

Papilio hospiton

Phyllometra culminaria

Plebicula golgus

Polymixis rufocincta isolata

Polyommatus eroides

Proterebia afra dalmata

Pseudophilotes bavius

Xestia borealis (o)

Xestia brunneopicta (o)

* *Xylomoia strix*

Mantodea

Apteromantis aptera

Odonata

Coenagrion hylas (o)

Coenagrion mercuriale (o)

Coenagrion ornatum (o)

Cordulegaster heros

Cordulegaster trinacriae

Gomphus graslinii

Leucorrhinia pectoralis

Lindenia tetraphylla

Macromia splendens

Ophiogomphus cecilia

Oxygastra curtisii

Orthoptera

Baetica ustulata

Brachytrupes megacephalus

Isophya costata

Isophya harzi

Isophya stysi

Myrmecophilus baronii

Odontopodisma rubripes

Paracaloptenus caloptenoides

Pholidoptera transsylvanica

Stenobothrus (Stenobothrodes) eurasius

ARACHNIDA

Pseudoscorpiones

Anthrenochernes stellae (o)

MOLLUSCS

GASTROPODA

Anisus vorticulus

Caseolus calculus

Caseolus commixta

Caseolus sphaerula

Chilostoma banaticum

Discula leacockiana

Discula tabellata

Discus guerinianus

Elona quimperiana

Geomalacus maculosus

Geomitra moniziana

Gibbula nivosa

* *Helicopsis striata austriaca* (o)

Hygromia kovaci

Idiomela (Helix) subplicata

Lampedusa imitatrix

* *Lampedusa melitensis*

Leiostyla abbreviata

Leiostyla cassida

Leiostyla corneocostata

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Leiostyla gibba

Leiostyla lamellosa

* *Paladilhia hungarica*

Sadleriana pannonica

Theodoxus transversalis

Vertigo angustior (o)

Vertigo genesii (o)

Vertigo geyeri (o)

Vertigo mouliniana (o)

BIVALVIA

Unionoida

Margaritifera durrovensis (*Margaritifera margaritifera*) (V)

Margaritifera margaritifera (V)

Unio crassus

Dreissenidae

Congeria kusceri

(b) **PLANTS** U.K.

PTERIDOPHYTA

ASPLENIACEAE

Asplenium jahandiezii (Litard.) Rouy

Asplenium adulterinum Milde

BLECHNACEAE

Woodwardia radicans (L.) Sm.

DICKSONIACEAE

Culcita macrocarpa C. Presl

DRYOPTERIDACEAE

Diplazium sibiricum (Turcz. ex Kunze) Kurata

* *Dryopteris corleyi* Fraser-Jenk.

Dryopteris fragans (L.) Schott

HYMENOPHYLLACEAE

Trichomanes speciosum Willd.

ISOETACEAE

Isoetes boryana Durieu

Isoetes malinverniana Ces. & De Not.

MARSILEACEAE

Marsilea batardae Launert

Marsilea quadrifolia L.

Marsilea strigosa Willd.
OPHIOGLOSSACEAE

Botrychium simplex Hitchc.

Ophioglossum polyphyllum A. Braun
GYMNOSPERMAE
PINACEAE

* *Abies nebrodensis* (Lojac.) Mattei
ANGIOSPERMAE
ALISMATACEAE

* *Alisma wahlenbergii* (Holmberg) Juz.

Caldesia parnassifolia (L.) Parl.

Luronium natans (L.) Raf.
AMARYLLIDACEAE

Leucojum nicaeense Ard.

Narcissus asturiensis (Jordan) Pugsley

Narcissus calcicola Mendonça

Narcissus cyclamineus DC.

Narcissus fernandesii G. Pedro

Narcissus humilis (Cav.) Traub

* *Narcissus nevadensis* Pugsley

Narcissus pseudonarcissus L. subsp. *nobilis* (Haw.) A. Fernandes

Narcissus scaberulus Henriq.

Narcissus triandrus L. subsp. *capax* (Salisb.) D. A. Webb.

Narcissus viridiflorus Schousboe
ASCLEPIADACEAE

Vincetoxicum pannonicum (Borhidi) Holub
BORAGINACEAE

* *Anchusa crispa* Viv.

Echium russicum J.F.Gemlin

* *Lithodora nitida* (H. Ern) R. Fernandes

Myosotis lusitanica Schuster

Myosotis rehsteineri Wartm.

Myosotis retusifolia R. Afonso

Omphalodes kuzinskyanae Willk.

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* *Omphalodes littoralis* Lehm.

* *Onosma tornensis* Javorka

Solenanthus albanicus (Degen & al.) Degen & Baldacci

* *Symphytum cycladense* Pawl.

CAMPANULACEAE

Adenophora liliifolia (L.) Ledeb.

Asyneuma giganteum (Boiss.) Bornm.

* *Campanula bohemica* Hruby

* *Campanula gelida* Kovanda

Campanula romanica Sävul.

* *Campanula sabatia* De Not.

* *Campanula serrata* (Kit.) Hendrych

Campanula zoysii Wulfen

Jasione crispa (Pourret) Samp. subsp. *serpentinica* Pinto da Silva

Jasione lusitanica A. DC.

CARYOPHYLLACEAE

Arenaria ciliata L. subsp. *pseudofrigida* Ostenf. & O.C. Dahl

Arenaria humifusa Wahlenberg

* *Arenaria nevadensis* Boiss. & Reuter

Arenaria provincialis Chater & Halliday

* *Cerastium alsinifolium* Tausch *Cerastium dinaricum* G. Beck & Szysz.

Dianthus arenarius L. subsp. *arenarius*

* *Dianthus arenarius* subsp. *bohemicus* (Novak) O. Schwarz

Dianthus cintranus Boiss. & Reuter subsp. *cintranus* Boiss. & Reuter

* *Dianthus diutinus* Kit.

* *Dianthus lumnitzeri* Wiesb.

Dianthus marizii (Samp.) Samp.

* *Dianthus moravicus* Kovanda

* *Dianthus nitidus* Waldst. et Kit.

Dianthus plumarius subsp. *regis-stephani* (Rapcs.) Baksay

Dianthus rupicola Biv.

* *Gypsophila pillosa* P. Porta

Herniaria algarvica Chaudhri

* *Herniaria latifolia* Lapeyr. subsp. *litardierei* Gamis

Herniaria lusitanica (Chaudhri) subsp. *berlengiana* Chaudhri

Herniaria maritima Link

* *Minuartia SMEJKALII* Dvorakova

Moehringia jankae Griseb. ex Janka

Moehringia lateriflora (L.) Fenzl.

Moehringia tommasinii Marches.

Moehringia villosa (Wulfen) Fenzl

Petrocoptis grandiflora Rothm.

Petrocoptis montsicciana O. Bolos & Rivas Mart.

Petrocoptis pseudoviscosa Fernández Casas

Silene furcata Rafin. subsp. *angustiflora* (Rupr.) Walters

* *Silene hicesiae* Brullo & Signorello

Silene hispanica Rouy ex Willk.

* *Silene holzmanii* Heldr. ex Boiss.

Silene longicilia (Brot.) Otth.

Silene mariana Pau

* *Silene orphanioides* Boiss

* *Silene rothmaleri* Pinto da Silva

* *Silene velutina* Pourret ex Loisel.

CHENOPODIACEAE

* *Bassia (Kochia) saxicola* (Guss.) A. J. Scott

* *Cremonophyton lanfrancoi* Brullo et Pavone

* *Salicornia veneta* Pignatti & Lausi

CISTACEAE

Cistus palhinhae Ingram

Halimium verticillatum (Brot.) Sennen

Helianthemum alypoides Losa & Rivas Goday

Helianthemum caput-felis Boiss.

* *Tuberaria major* (Willk.) Pinto da Silva & Rozeira

COMPOSITAE

* *Anthemis glaberrima* (Rech. f.) Greuter

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Artemisia campestris L. subsp. *bottnica* A.N. Lundström ex Kindb.

* *Artemisia granatensis* Boiss.

* *Artemisia laciniata* Willd.

Artemisia oelandica (Besser) Komarov

* *Artemisia pancicii* (Janka) Ronn.

* *Aster pyrenaeus* Desf. ex DC

* *Aster sorrentinii* (Tod) Lojac.

Carlina opopordifolia Besser

* *Carduus myriacanthus* Salzm. ex DC.

* *Centaurea alba* L. subsp. *heldreichii* (Halacsy) Dostál

* *Centaurea alba* L. subsp. *princeps* (Boiss. & Heldr.) Gugler

* *Centaurea akamantis* T. Georgiadis & G. Chatzikyriakou

* *Centaurea attica* Nyman subsp. *megarensis* (Halacsy & Hayek) Dostál

* *Centaurea balearica* J.D. Rodriguez

* *Centaurea borjae* Valdes-Berm. & Rivas Goday

* *Centaurea citricolor* Font Quer

Centaurea corymbosa Pourret

Centaurea gadorensis G. Blanca

* *Centaurea horrida* Badaro

Centaurea immanuelis-loewii Degen

Centaurea jankae Brandza

* *Centaurea kalmabakensis* Freyn & Sint.

Centaurea kartschiana Scop.

* *Centaurea lactiflora* Halacsy

Centaurea micrantha Hoffmanns. & Link subsp. *herminii* (Rouy) Dostál

* *Centaurea niederi* Heldr.

* *Centaurea peucedanifolia* Boiss. & Orph.

* *Centaurea pinnata* Pau

Centaurea pontica Prodan & E.I. Nyárády

Centaurea pulvinata (G. Blanca) G. Blanca

Centaurea rothmalerana (Arènes) Dostál

Centaurea vicentina Mariz

Cirsium brachycephalum Juratzka

* *Crepis crocifolia* Boiss. & Heldr.

Crepis granatensis (Willk.) B. Blanca & M. Cueto

Crepis pusilla (Sommier) Merxmüller

Crepis tectorum L. subsp. *nigrescens*

Erigeron frigidus Boiss. ex DC.

* *Helichrysum melitense* (Pignatti) Brullo et al

Hymenostemma pseudanthemis (Kunze) Willd.

Hyoseris frutescens Brullo et Pavone

* *Jurinea cyanoides* (L.) Reichenb.

* *Jurinea fontqueri* Cuatrec.

* *Lamyropsis microcephala* (Moris) Dittrich & Greuter

Leontodon microcephalus (Boiss. ex DC.) Boiss.

Leontodon boryi Boiss.

* *Leontodon siculus* (Guss.) Finch & Sell

Leuzea longifolia Hoffmanns. & Link

Ligularia sibirica (L.) Cass.

* *Palaeocyanus crassifolius* (Bertoloni) Dostal

Santolina impressa Hoffmanns. & Link

Santolina semidentata Hoffmanns. & Link

Saussurea alpina subsp. *esthonica* (Baer ex Rupr) Kupffer

* *Senecio elodes* Boiss. ex DC.

Senecio jacobaea L. subsp. *gotlandicus* (Neuman) Sterner

Senecio nevadensis Boiss. & Reuter

* *Serratula lycopifolia* (Vill.) A. Kern

Tephroseris longifolia (Jacq.) Griseb et Schenk subsp. *moravica*
CONVOLVULACEAE

* *Convolvulus argyrothamnus* Greuter

* *Convolvulus fernandesii* Pinto da Silva & Teles
CRUCIFERAE

Alyssum pyrenaicum Lapeyr.

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* *Arabis kennedyae* Meikle

Arabis sadina (Samp.) P. Cout.

Arabis scopoliana Boiss

* *Biscutella neustriaca* Bonnet

Biscutella vincentina (Samp.) Rothm.

Boleum asperum (Pers.) Desvaux

Brassica glabrescens Poldini

Brassica hilarionis Post

Brassica insularis Moris

* *Brassica macrocarpa* Guss.

Braya linearis Rouy

* *Cochlearia polonica* E. Fröhlich

* *Cochlearia tatrae* Borbas

* *Coincyda rupestris* Rouy

* *Coronopus navasii* Pau

Crambe tataria Sebeok

* *Degenia velebitica* (Degen) Hayek

Diplotaxis ibicensis (Pau) Gómez-Campo

* *Diplotaxis siettiana* Maire

Diplotaxis vicentina (P. Cout.) Rothm.

Draba cacuminum Elis Ekman

Draba cinerea Adams

Draba dorneri Heuffel.

Erucastrum palustre (Pirona) Vis.

* *Erysimum pieninicum* (Zapal.) Pawl.

* *Iberis arbuscula* Runemark

Iberis procumbens Lange subsp. *microcarpa* Franco & Pinto da Silva

* *Jonopsidium acaule* (Desf.) Reichenb.

Jonopsidium savianum (Caruel) Ball ex Arcang.

Rhynchosinapis erucastrum (L.) Dandy ex Clapham subsp. *cintrana* (Coutinho) Franco & P. Silva (*Coincyda cintrana* (P. Cout.) Pinto da Silva)

Sisymbrium cavanillesianum Valdés & Castroviejo

Sisymbrium supinum L.

Thlaspi jankae A. Kern.
CYPERACEAE

Carex holostoma Drejer

* *Carex panormitana* Guss.

Eleocharis carniolica Koch
DIOSCOREACEAE

* *Borderea chouardii* (Gauss.) Heslot
DROSERACEAE

Aldrovanda vesiculosa L.
ELATINACEAE

Elatine gussonei (Sommier) Brullo et al
ERICACEAE

Rhododendron luteum Sweet
EUPHORBIACEAE

* *Euphorbia marginata* Kuhbier & Lewejohann

Euphorbia transstagana Boiss.
GENTIANACEAE

* *Centaurea rigualii* Esteve

* *Centaurea somedanum* Lainz

Gentiana ligustica R. de Vilm. & Chopinet

Gentianella anglica (Pugsley) E.F. Warburg

* *Gentianella bohemica* Skalicky
GERANIACEAE

* *Erodium astragalooides* Boiss. & Reuter

Erodium paularense Fernández-González & Izco

* *Erodium rupicola* Boiss.
GLOBULARIACEAE

* *Globularia stygia* Orph. ex Boiss.
GRAMINEAE

Arctagrostis latifolia (R. Br.) Griseb.

Arctophila fulva (Trin.) N.J. Anderson

Avenula hackelii (Henriq.) Holub

Bromus grossus Desf. ex DC.

Calamagrostis chalybaea (Laest.) Fries

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Cinna latifolia (Trev.) Griseb.

Coleanthus subtilis (Tratt.) Seidl

Festuca brigantina (Markgr.-Dannenb.) Markgr.-Dannenb.

Festuca duriotagana Franco & R. Afonso

Festuca elegans Boiss.

Festuca henriquesii Hack.

Festuca summilusitana Franco & R. Afonso

Gaudinia hispanica Stace & Tutin

Holcus setiglumis Boiss. & Reuter subsp. *duriensis* Pinto da Silva

Micropyropsis tuberosa Romero - Zarco & Cabezudo

Poa granitica Br.-Bl. subsp. *disparilis* (E. I. Nyárády) E. I. Nyárády

* *Poa riphaea* (Ascher et Graebner) Fritsch

Pseudarrhenatherum pallens (Link) J. Holub

Puccinellia phryganodes (Trin.) Scribner + Merr.

Puccinellia pungens (Pau) Paunero

* *Stipa austroitalica* Martinovsky

* *Stipa bavarica* Martinovsky & H. Scholz

Stipa danubialis Dihoru & Roman

* *Stipa styriaca* Martinovsky

* *Stipa veneta* Moraldo

* *Stipa zalesskii* Wilensky

Trisetum subalpestre (Hartman) Neuman

GROSSULARIACEAE

* *Ribes sardoum* Martelli

HIPPURIDACEAE

Hippuris tetraphylla L. Fil.

HYPERICACEAE

* *Hypericum aciferum* (Greuter) N.K.B. Robson

IRIDACEAE

Crocus cyprius Boiss. et Kotschy

Crocus hartmannianus Holmboe

Gladiolus palustris Gaud.

Iris aphylla L. subsp. *hungarica* Hegi

Iris humilis Georgi subsp. *arenaria* (Waldst. et Kit.) A. et D.Löve
JUNCACEAE

Juncus valvatus Link

Luzula arctica Blytt
LABIATAE

Dracocephalum austriacum L.

* *Micromeria taygetea* P.H. Davis

Nepeta dirphya (Boiss.) Heldr. ex Halacsy

* *Nepeta sphaciotica* P.H. Davis

Origanum dictamnus L.

Phlomis brevibracteata Turril

Phlomis cypria Post

Salvia veneris Hedge

Sideritis cypria Post

Sideritis incana subsp. *glauca* (Cav.) Malagarriga

Sideritis javalambris Pau

Sideritis serrata Cav. ex Lag.

Teucrium lepicephalum Pau

Teucrium turredanum Losa & Rivas Goday

* *Thymus camphoratus* Hoffmanns. & Link

Thymus carnosus Boiss.

* *Thymus lotoccephalus* G. López & R. Morales (*Thymus cephalotos* L.)
LEGUMINOSAE

Anthyllis hystrix Cardona, Contandr. & E. Sierra

* *Astragalus algarbiensis* Coss. ex Bunge

* *Astragalus aquilanus* Anzalone

Astragalus centralpinus Braun-Blanquet

* *Astragalus macrocarpus* DC. subsp. *lefkarensis*

* *Astragalus maritimus* Moris

Astragalus peterfi Jáv.

Astragalus tremolsianus Pau

* *Astragalus verrucosus* Moris

* *Cytisus aeolicus* Guss. ex Lindl.

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Genista dorycnifolia Font Quer

Genista holopetala (Fleischm. ex Koch) Baldacci

Melilotus segetalis (Brot.) Ser. subsp. *fallax* Franco

* *Ononis hackelii* Lange

Trifolium saxatile All.

* *Vicia bifoliolata* J.D. Rodríguez

LENTIBULARIACEAE

* *Pinguicula crystallina* Sm.

Pinguicula nevadensis (Lindb.) Casper

LILIACEAE

Allium grosii Font Quer

* *Androcymbium rechingeri* Greuter

* *Asphodelus bento-rainhae* P. Silva

* *Chionodoxa lochia* Meikle in Kew Bull.

Colchicum arenarium Waldst. et Kit.

Hyacinthoides vicentina (Hoffmans. & Link) Rothm.

* *Muscari gussonei* (Parl.) Tod.

Scilla litardierei Breist.

* *Scilla morrisii* Meikle

Tulipa cypria Stapf

Tulipa hungarica Borbas

LINACEAE

* *Linum dolomiticum* Borbas

* *Linum muelleri* Moris (*Linum maritimum muelleri*)
LYTHRACEAE

* *Lythrum flexuosum* Lag.

MALVACEAE

Kosteletzkyia pentacarpos (L.) Ledeb.

NAJADACEAE

Najas flexilis (Willd.) Rostk. & W.L. Schmidt

Najas tenuissima (A. Braun) Magnus

OLEACEAE

Syringa josikaea Jacq. Fil. ex Reichenb.

ORCHIDACEAE

Anacamptis urvilleana Sommier et Caruana Gatto

Calypso bulbosa L.

* *Cephalanthera cucullata* Boiss. & Heldr.

Cypripedium calceolus L.

Dactylorhiza kalopissii E. Nelson

Gymnigritella runei Teppner & Klein

Himantoglossum adriaticum Baumann

Himantoglossum caprinum (Bieb.) V. Koch

Liparis loeselii (L.) Rich.

* *Ophrys kotschyi* H.Fleischm. et Soo

* *Ophrys lunulata* Parl.

Ophrys melitensis (Salkowski) J et P Devillers-Terschuren

Platanthera obtusata (Pursh) subsp. *oligantha* (Turez.) Hulten
OROBANCHACEAE

Orobanche densiflora Salzm. ex Reut.

PAEONIACEAE

Paeonia cambessedesii (Willk.) Willk.

Paeonia clusii F.C. Stern subsp. *rhodia* (Stearn) Tzanoudakis

Paeonia officinalis L. subsp. *banatica* (Rachel) Soo

Paeonia parnassica Tzanoudakis
PALMAE

Phoenix theophrasti Greuter
PAPAVERACEAE

Corydalis gotlandica Lidén

Papaver laestadianum (Nordh.) Nordh.

Papaver radicatum Rottb. subsp. *hyperboreum* Nordh.
PLANTAGINACEAE

Plantago algarbiensis Sampaio (*Plantago bracteosa* (Willk.) G. Sampaio)

Plantago almogravensis Franco
PLUMBAGINACEAE

Armeria berlengensis Daveau

* *Armeria helodes* Martini & Pold

Armeria neglecta Girard

Armeria pseudarmeria (Murray) Mansfeld

* *Armeria rouyania* Daveau

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Armeria soleirolii (Duby) Godron

Armeria velutina Welw. ex Boiss. & Reuter

Limonium dodartii (Girard) O. Kuntze subsp. *lusitanicum* (Daveau) Franco

* *Limonium insulare* (Beg. & Landi) Arrig. & Diana

Limonium lanceolatum (Hoffmans. & Link) Franco

Limonium multiflorum Erben

* *Limonium pseudolaetum* Arrig. & Diana

* *Limonium strictissimum* (Salzmann) Arrig.

POLYGONACEAE

Persicaria foliosa (H. Lindb.) Kitag.

Polygonum praelongum Coode & Cullen

Rumex rupestris Le Gall

PRIMULACEAE

Androsace mathildae Levier

Androsace pyrenaica Lam.

* *Cyclamen fatrense* Halda et Sojak

* *Primula apennina* Widmer

Primula carniolica Jacq.

Primula nutans Georgi

Primula palinuri Petagna

Primula scandinavica Bruun

Soldanella villosa Darracq.

RANUNCULACEAE

* *Aconitum corsicum* Gayer (*Aconitum napellus* subsp. *corsicum*)

Aconitum firmum (Reichenb.) Neirlr subsp. *moravicum* Skalicky

Adonis distorta Ten.

Aquilegia bertolonii Schott

Aquilegia kitaibelii Schott

* *Aquilegia pyrenaica* D.C. subsp. *cazorlensis* (Heywood) Galiano

* *Consolida samia* P.H. Davis

* *Delphinium caseyi* B.L. Burtt

Pulsatilla grandis Wenderoth

Pulsatilla patens (L.) Miller

* *Pulsatilla pratensis* (L.) Miller subsp. *hungarica* Soo

* *Pulsatilla slavica* G. Reuss.

* *Pulsatilla subslavica* Futak ex Goliasova

Pulsatilla vulgaris Hill. subsp. *gotlandica* (Johanss.) Zaemelis & Paegle

Ranunculus kykkoensis Meikle

Ranunculus lapponicus L.

* *Ranunculus weyleri* Mares

RESEDACEAE

Reseda decursiva Forssk.

ROSACEAE

Agrimonia pilosa Ledebour

Potentilla delphinensis Gren. & Godron

Potentilla emiliae-poppii Nyárády

* *Pyrus magyarica* Terpo

Sorbus teodorii Liljefors

RUBIACEAE

Galium cracoviense Ehrend.

* *Galium litorale* Guss.

Galium moldavicum (Dobrescu) Franco

* *Galium sudeticum* Tausch

* *Galium viridiflorum* Boiss. & Reuter

SALICACEAE

Salix salvifolia Brot. subsp. *australis* Franco

SANTALACEAE

Thesium ebracteatum Hayne

SAXIFRAGACEAE

Saxifraga berica (Beguinot) D.A. Webb

Saxifraga florulenta Moretti

Saxifraga hirculus L.

Saxifraga osloënsis Knaben

Saxifraga tombeanensis Boiss. ex Engl.

SCROPHULARIACEAE

Antirrhinum charidemi Lange

Chaenorhinum serpyllifolium (Lange) Lange subsp. *lusitanicum* R. Fernandes

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- * *Euphrasia genargentea* (Feoli) Diana
Euphrasia marchesettii Wettst. ex Marches.
Linaria algarviana Chav.
Linaria coutinhoi Valdés
Linaria loeselii Schweigger
* *Linaria ficalhoana* Rouy
Linaria flava (Poiret) Desf.
* *Linaria hellenica* Turrill
Linaria pseudolaxiflora Lojacono
* *Linaria ricardoi* Cout.
Linaria tonzigii Lona
* *Linaria tursica* B. Valdés & Cabezudo
Odontites granatensis Boiss.
* *Pedicularis sudetica* Willd.
Rhinanthus oesilensis (Ronniger & Saarsoo) Vassilcz
Tozzia carpathica Wol.
Verbascum litigiosum Samp.
Veronica micrantha Hoffmanns. & Link
* *Veronica oetaea* L.-A. Gustavsson
SOLANACEAE
* *Atropa baetica* Willk.
THYMELAEACEAE
* *Daphne arbuscula* Celak
Daphne petraea Leybold
* *Daphne rodriguezii* Texidor
ULMACEAE
Zelkova abelicea (Lam.) Boiss.
UMBELLIFERAE
* *Angelica heterocarpa* Lloyd
Angelica palustris (Besser) Hoffm.
* *Apium bermejoi* Llorens
Apium repens (Jacq.) Lag.
Athamanta cortiana Ferrarini

* *Bupleurum capillare* Boiss. & Heldr.

* *Bupleurum kakiskalae* Greuter

Eryngium alpinum L.

* *Eryngium viviparum* Gay

* *Ferula sadleriana* Lebed.

Hladnikia pastinacifolia Reichenb.

* *Laserpitium longiradiatum* Boiss.

* *Naufraga balearica* Constans & Cannon

* *Oenanthe coniooides* Lange

Petagnia saniculifolia Guss.

Rouya polygama (Desf.) Coincy

* *Seseli intricatum* Boiss.

Seseli leucospermum Waldst. et Kit

Thorella verticillatinundata (Thore) Briq.

VALERIANACEAE

Centranthus trinervis (Viv.) Beguinot

VIOLACEAE

Viola delphinantha Boiss.

* *Viola hispida* Lam.

Viola jaubertiana Mares & Vigneix

Viola rupestris F.W. Schmidt subsp. *relicta* Jalas

LOWER PLANTS

BRYOPHYTA

Bruchia vogesiaca Schwaegr. (o)

Bryhnia novae-angliae (Sull & Lesq.) Grout (o)

* *Bryoerythrophyllum campylocarpum* (C. Müll.) Crum. (*Bryoerythrophyllum machadoanum* (Sergio) M.O. Hill) (o)

Buxbaumia viridis (Moug.) Moug. & Nestl. (o)

Cephalozia macounii (Aust.) Aust. (o)

Cynodontium sueicum (H. Arn. & C. Jens.) I. Hag. (o)

Dichelyma capillaceum (Dicks) Myr. (o)

Dicranum viride (Sull. & Lesq.) Lindb. (o)

Distichophyllum carinatum Dix. & Nich. (o)

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Drepanocladus (Hamatocaulis) vernicosus (Mitt.) Warnst. (o)

Encalypta mutica (I. Hagen) (o)

Hamatocaulis lapponicus (Norrl.) Hedenäs (o)

Herzogiella turfacea (Lindb.) I. Wats. (o)

Hygrohypnum montanum (Lindb.) Broth. (o)

Jungermannia handelii (Schiffn.) Amak. (o)

Mannia triandra (Scop.) Grolle (o)

* *Marsupella profunda* Lindb. (o)

Meesia longiseta Hedw. (o)

Nothothylas orbicularis (Schwein.) Sull. (o)

Ochyraea tatreensis Vana (o)

Orthothecium lapponicum (Schimp.) C. Hartm. (o)

Orthotrichum rogeri Brid. (o)

Petalophyllum ralfsii (Wils.) Nees & Gott. (o)

Plagiomnium drummondii (Bruch & Schimp.) T. Kop. (o)

Riccia breidleri Jur. (o)

Riella helicophylla (Bory & Mont.) Mont. (o)

Scapania massolongi (K. Müll.) K. Müll. (o)

Sphagnum pylaisii Brid. (o)

Tayloria rudolphiana (Garov) B. & S. (o)

Tortella rigens (N. Alberts) (o)

SPECIES FOR MACARONESIA

PTERIDOPHYTA

HYMENOPHYLLACEAE

Hymenophyllum maderensis Gibby & Lovis
DRYOPTERIDACEAE

* *Polystichum drepanum* (Sw.) C. Presl.
ISOETACEAE

Isoetes azorica Durieu & Paiva ex Milde
MARSILEACEAE

* *Marsilea azorica* Launert & Paiva
ANGIOSPERMAE
ASCLEPIADACEAE

Caralluma burchardii N. E. Brown

* *Ceropegia chrysantha* Svent.

BORAGINACEAE

Echium candicans L. fil.

* *Echium gentianoides* Webb & Coincy

Myosotis azorica H.C. Watson

Myosotis maritima Hochst. in Seub.

CAMPANULACEAE

* *Azorina vidalii* (H.C. Watson) Feer

Musschia aurea (L. f.) DC.

* *Musschia wollastonii* Lowe

CAPRIFOLIACEAE

* *Sambucus palmensis* Link

CARYOPHYLLACEAE

Spergularia azorica (Kindb.) Lebel

CELASTRACEAE

Maytenus umbellata (R. Br.) Mabb.

CHENOPODIACEAE

Beta patula Ait.

CISTACEAE

Cistus chinamadensis Banares & Romero

* *Helianthemum bystropogophyllum* Svent.

COMPOSITAE

Andryala crithmifolia Ait.

* *Argyranthemum lidii* Humphries

Argyranthemum thalassophyllum (Svent.) Hump.

Argyranthemum winterii (Svent.) Humphries

* *Atractylis arbuscula* Svent. & Michaelis

Atractylis preauxiana Schultz.

Calendula maderensis DC.

Cheirolophus duranii (Burchard) Holub

Cheirolophus ghomerytus (Svent.) Holub

Cheirolophus junonianus (Svent.) Holub

Cheirolophus massonianus (Lowe) Hansen & Sund.

Cirsium latifolium Lowe

Helichrysum gossypinum Webb

Helichrysum monogynum Burtt & Sund.

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Hypochoeris oligocephala (Svent. & Bramw.) Lack

* *Lactuca watsoniana* Trel.

* *Onopordum nogalesii* Svent.

* *Onopordum carduelinum* Bolle

* *Pericallis hadrosoma* (Svent.) B. Nord.

Phagnalon benettii Lowe

Stemmacantha cynaroides (Chr. Son. in Buch) Ditt

Sventenia bupleuroides Font Quer

* *Tanacetum ptarmiciflorum* Webb & Berth

CONVOLVULACEAE

* *Convolvulus caput-medusae* Lowe

* *Convolvulus lopez-socasii* Svent.

* *Convolvulus massonii* A. Dietr.

CRASSULACEAE

Aeonium gomeraense Praeger

Aeonium saundersii Bolle

Aichryson dumosum (Lowe) Praeg.

Monanthes wildpretii Banares & Scholz

Sedum brissemoretii Raymond-Hamet

CRUCIFERAE

* *Crambe arborea* Webb ex Christ

Crambe laevigata DC. ex Christ

* *Crambe sventenii* R. Petters ex Bramwell & Sund.

* *Parolinia schizogynoides* Svent.

Sinapidendron rupestre (Ait.) Lowe

CYPERACEAE

Carex malato-belizii Raymond
DIPSACACEAE

Scabiosa nitens Roemer & J.A. Schultes
ERICACEAE

Erica scoparia L. subsp. *azorica* (Hochst.) D.A. Webb
EUPHORBIACEAE

* *Euphorbia handiensis* Burchard

Euphorbia lambii Svent.

Euphorbia stygiana H.C. Watson
GERANIACEAE

* *Geranium maderense* P.F. Yeo
GRAMINEAE

Deschampsia maderensis (Haeck. & Born.) Buschm.

Phalaris maderensis (Menezes) Menezes
GLOBULARIACEAE

* *Globularia ascanii* D. Bramwell & Kunkel

* *Globularia sarcophylla* Svent.
LABIATAE

* *Sideritis cystosiphon* Svent.

* *Sideritis discolor* (Webb ex de Noe) Bolle

Sideritis infernalis Bolle

Sideritis marmorea Bolle

Teucrium abutiloides L'Hér.

Teucrium betonicum L'Hér.
LEGUMINOSAE

* *Anagyris latifolia* Brouss. ex. Willd.

Anthyllis lemanniana Lowe

* *Dorycnium spectabile* Webb & Berthel

* *Lotus azoricus* P.W. Ball

Lotus callis-viridis D. Bramwell & D. H. Davis

* *Lotus kunkelii* (E. Chueca) D. Bramwell & al.

* *Teline rosmarinifolia* Webb & Berthel.

* *Teline salsolooides* Arco & Acebes.

Vicia dennesiana H.C. Watson
LILIACEAE

* *Androcymbium psammophilum* Svent.

Scilla maderensis Menezes

Semele maderensis Costa
LORANTHACEAE

Arceuthobium azoricum Wiens & Hawksw.
MYRICACEAE

* *Myrica rivas-martinezii* Santos.
OLEACEAE

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Jasminum azoricum L.

Picconia azorica (Tutin) Knobl.
ORCHIDACEAE

Goodyera macrophylla Lowe
PITTOSPORACEAE

* *Pittosporum coriaceum* Dryand. ex. Ait.
PLANTAGINACEAE

Plantago malato-belizii Lawalree
PLUMBAGINACEAE

* *Limonium arborescens* (Brouss.) Kuntze

Limonium dendroides Svent.

* *Limonium spectabile* (Svent.) Kunkel & Sunding

* *Limonium sventenii* Santos & Fernández Galván
POLYGONACEAE

Rumex azoricus Rech. fil.
RHAMNACEAE

Frangula azorica Tutin
ROSACEAE

* *Bencomia brachystachya* Svent.

Bencomia sphaerocarpa Svent.

* *Chamaemeles coriacea* Lindl.

Dendriopoterium pulidoi Svent.

Marcketella maderensis (Born.) Svent.

Prunus lusitanica L. subsp. *azorica* (Mouillef.) Franco

Sorbus maderensis (Lowe) Dode
SANTALACEAE

Kunkeliella subsucculenta Kammer
SCROPHULARIACEAE

* *Euphrasia azorica* H.C. Watson

Euphrasia grandiflora Hochst. in Seub.

* *Isoplexis chalcantha* Svent. & O'Shanahan

Isoplexis isabelliana (Webb & Berthel.) Masferrer

Odontites holliana (Lowe) Benth.

Sibthorpia peregrina L.
SOLANACEAE

* *Solanum lidii* Sunding
UMBELLIFERAE

Ammi trifoliatum (H.C. Watson) Trelease

Bupleurum handiense (Bolle) Kunkel

Chaerophyllum azoricum Trelease

Ferula latipinna Santos

Melanoselinum decipiens (Schrader & Wendl.) Hoffm.

Monizia edulis Lowe

Oenanthe divaricata (R. Br.) Mabb.

Sanicula azorica Guthnick ex Seub.
VIOLACEAE

Viola paradoxa Lowe

LOWER PLANTS

BRYOPHYTA

* *Echinodium spinosum* (Mitt.) Jur. (o)

* *Thamnobryum fernandesii* Sergio (o).';

(c) Annex IV is replaced by the following:

ANNEX IV U.K.

ANIMAL AND PLANT SPECIES OF COMMUNITY INTEREST IN NEED OF STRICT PROTECTION

The species listed in this Annex are indicated:

- by the name of species or subspecies, or
- by the body of species belonging to a higher taxon or to a designated part of that taxon.

The abbreviation "spp." after the name of a family or genus designates all the species belonging to that family or genus.

(a) **ANIMALS** U.K.
VERTEBRATES
MAMMALS
INSECTIVORA
Erinaceidae

Erinaceus algirus
Soricidae

Crocidura canariensis

Crocidura sicula
Talpidae

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Galemys pyrenaicus
MICROCHIROPTERA
All species
MEGACHIROPTERA
Pteropodidae

Rousettus aegyptiacus
RODENTIA
Gliridae

All species except *Glis glis* and *Eliomys quercinus*
Sciuridae

Marmota marmota laticauda

Pteromys volans (Sciuropteris russicus)

Spermophilus citellus (Citellus citellus)

Spermophilus suslicus (Citellus suslicus)

Sciurus anomalus
Castoridae

Castor fiber (except the Estonian, Latvian, Lithuanian, Polish, Finnish and Swedish populations)
Cricetidae

Cricetus cricetus (except the Hungarian populations)

Mesocricetus newtoni
Microtidae

Dinaromys bogdanovi

Microtus cabrerae

Microtus oeconomus arenicola

Microtus oeconomus mehelyi

Microtus taticus
Zapodidae

Sicista betulina

Sicista subtilis
Hystricidae

Hystrix cristata
CARNIVORA
Canidae

Alopex lagopus

Canis lupus (except the Greek populations north of the 39th parallel; Estonian populations, Spanish populations north of the Duero; Bulgarian, Latvian, Lithuanian, Polish, Slovak populations and Finnish populations within the reindeer management

area as defined in paragraph 2 of the Finnish Act No 848/90 of 14 September 1990
on reindeer management)

Ursidae

Ursus arctos

Mustelidae

Lutra lutra

Mustela eversmannii

Mustela lutreola

Vormela peregusna

Felidae

Felis silvestris

Lynx lynx (except the Estonian population)

Lynx pardinus

Phocidae

Monachus monachus

Phoca hispida saimensis

ARTIODACTYLA

Cervidae

Cervus elaphus corsicanus

Bovidae

Bison bonasus

Capra aegagrus (natural populations)

Capra pyrenaica pyrenaica

Ovis gmelini musimon (*Ovis ammon musimon*) (natural populations – Corsica and Sardinia)

Ovis orientalis ophion (*Ovis gmelini ophion*)

Rupicapra pyrenaica ornata (*Rupicapra rupicapra ornata*)

Rupicapra rupicapra balcanica

Rupicapra rupicapra tatra

CETACEA

All species

REPTILES

TESTUDINATA

Testudinidae

Testudo graeca

Testudo hermanni

Testudo marginata

Cheloniidae

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Caretta caretta

Chelonia mydas

Lepidochelys kempii

Eretmochelys imbricata

Dermochelyidae

Dermochelys coriacea

Emydidae

Emys orbicularis

Mauremys caspica

Mauremys leprosa

SAURIA

Lacertidae

Algyroides fitzingeri

Algyroides marchi

Algyroides moreoticus

Algyroides nigropunctatus

Dalmatolacerta oxycephala

Dinarolacerta mosorensis

Gallotia atlantica

Gallotia galloti

Gallotia galloti insulanagae

Gallotia simonyi

Gallotia stehlini

Lacerta agilis

Lacerta bedriagae

Lacerta bonnali (*Lacerta monticola*)

Lacerta monticola

Lacerta danfordi

Lacerta dugesii

Lacerta graeca

Lacerta horvathi

Lacerta schreiberi

Lacerta trilineata

Lacerta viridis

Lacerta vivipara pannonica

Ophisops elegans

Podarcis erhardii

Podarcis filfolensis

Podarcis hispanica atrata

Podarcis lilfordi

Podarcis melisellensis

Podarcis milensis

Podarcis muralis

Podarcis peloponnesiaca

Podarcis pityusensis

Podarcis sicula

Podarcis taurica

Podarcis tiliguerta

Podarcis wagleriana

Scincidae

Ablepharus kitaibelii

Chalcides bedriagai

Chalcides ocellatus

Chalcides sexlineatus

Chalcides simonyi (*Chalcides occidentalis*)

Chalcides viridianus

Ophiomorus punctatissimus

Gekkonidae

Cyrtopodion kotschyi

Phyllodactylus europaeus

Tarentola angustimentalis

Tarentola boettgeri

Tarentola delalandii

Tarentola gomerensis

Agamidae

Stellio stellio

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Chamaeleontidae

Chamaeleo chamaeleon

Anguidae

Ophisaurus apodus

OPHIDIA

Colubridae

Coluber caspius

Coluber cypriensis

Coluber hippocrepis

Coluber jugularis

Coluber laurenti

Coluber najadum

Coluber nummifer

Coluber viridiflavus

Coronella austriaca

Eirenis modesta

Elaphe longissima

Elaphe quatuorlineata

Elaphe situla

Natrix natrix cetti

Natrix natrix corsa

Natrix natrix cypriaca

Natrix tessellata

Telescopus falax

Viperidae

Vipera ammodytes

Macrovipera schweizeri (*Vipera lebetina schweizeri*)

Vipera seoanni (except Spanish populations)

Vipera ursinii

Vipera xanthina

Boidae

Eryx jacchus

AMPHIBIANS

CAUDATA

Salamandridae

Chioglossa lusitanica

Euproctus asper

Euproctus montanus

Euproctus platycephalus

Mertensiella luschani (*Salamandra luschani*)

Salamandra atra

Salamandra aurorae

Salamandra lanzai

Salamandrina terdigitata

Triturus carnifex (*Triturus cristatus carnifex*)

Triturus cristatus (*Triturus cristatus cristatus*)

Triturus italicus

Triturus karelinii (*Triturus cristatus karelinii*)

Triturus marmoratus

Triturus montandoni

Triturus vulgaris ampelensis

Proteidae

Proteus anguinus

Plethodontidae

Hydromantes (Speleomantes) ambrosii

Hydromantes (Speleomantes) flavus

Hydromantes (Speleomantes) genei

Hydromantes (Speleomantes) imperialis

Hydromantes (Speleomantes) strinatii (*Hydromantes (Speleomantes) italicus*)

Hydromantes (Speleomantes) supramontis

ANURA

Discoglossidae

Alytes cisternasi

Alytes muletensis

Alytes obstetricans

Bombina bombina

Bombina variegata

Discoglossus galganoi (including *Discoglossus "jeanneae"*)

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Discoglossus montalentii

Discoglossus pictus

Discoglossus sardus

Ranidae

Rana arvalis

Rana dalmatina

Rana graeca

Rana iberica

Rana italica

Rana latastei

Rana lessonae

Pelobatidae

Pelobates cultripes

Pelobates fuscus

Pelobates syriacus

Bufo

Bufo calamita

Bufo viridis

Hylidae

Hyla arborea

Hyla meridionalis

Hyla sarda

FISH

ACIPENSERIFORMES

Acipenseridae

Acipenser naccarii

Acipenser sturio

SALMONIFORMES

Coregonidae

Coregonus oxyrinchus (anadromous populations in certain sectors of the North Sea, except the Finnish populations)

CYPRINIFORMES

Cyprinidae

Anaecypris hispanica

Phoxinus percnurus

ATHERINIFORMES

Cyprinodontidae

Valencia hispanica

PERCIFORMES

Percidae

Gymnocephalus baloni

Romanichthys valsanicola

Zingel asper

INVERTEBRATES

ARTHROPODS

CRUSTACEA

Isopoda

Armadillidium ghardalamensis

INSECTA

Coleoptera

Bolbelasmus unicornis

Buprestis splendens

Carabus hampei

Carabus hungaricus

Carabus olympiae

Carabus variolosus

Carabus zawadzkii

Cerambyx cerdo

Cucujus cinnaberinus

Dorcadion fulvum cervae

Duvalius gebhardti

Duvalius hungaricus

Dytiscus latissimus

Graphoderus bilineatus

Leptodirus hochenwarti

Pilemia tigrina

Osmoderma eremita

Phryganophilus ruficollis

Probatis subrugosus

Propomacrus cypriacus

Pseudogaurotina excellens

Pseudoseriscus cameroni

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Pytho kolwensis

Rosalia alpina

Lepidoptera

Apatura metis

Arytrura musculus

Catopta thrips

Chondrosoma fiduciarium

Coenonympha hero

Coenonympha oedippus

Colias myrmidone

Cucullia mixta

Dioszeghyana schmidtii

Erannis ankeraria

Erebia calcaria

Erebia christi

Erebia sudetica

Eriogaster catax

Fabriciana elisa

Glyphipteryx loricatella

Gortyna borelii lunata

Hypodryas maturna

Hyles hippophaes

Leptidea morsei

Lignyoptera fumidaria

Lopinga achine

Lycaena dispar

Lycaena helle

Maculinea arion

Maculinea nausithous

Maculinea teleius

Melanargia arge

Nymphalis vaualbum

Papilio alexanor

Papilio hospiton

Parnassius apollo

Parnassius mnemosyne

Phyllometra culminaria

Plebicula golgus

Polymixis rufocincta isolata

Polyommatus eroides

Proserpinus proserpina

Protibia afra dalmata

Pseudophilotes bavius

Xylomoia strix

Zerynthia polyxena

Mantodea

Apteromantis aptera

Odonata

Aeshna viridis

Cordulegaster heros

Cordulegaster trinacriae

Gomphus graslinii

Leucorrhinia albifrons

Leucorrhinia caudalis

Leucorrhinia pectoralis

Lindenia tetraphylla

Macromia splendens

Ophiogomphus cecilia

Oxygastra curtisii

Stylurus flavipes

Sympetrum braueri

Orthoptera

Baetica ustulata

Brachytrupes megacephalus

Isophya costata

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Isophya harzi

Isophya stysi

Myrmecophilus baronii

Odontopodisma rubripes

Paracaloptenus caloptenoides

Pholidoptera transsylvanica

Saga pedo

Stenobothrus (Stenobothrodes) eurasius

ARACHNIDA

Araneae

Macrothele calpeiana

MOLLUSCS

GASTROPODA

Anisus vorticulus

Caseolus calculus

Caseolus commixta

Caseolus sphaerula

Chilostoma banaticum

Discula leacockiana

Discula tabellata

Discula testudinalis

Discula turricula

Discus defloratus

Discus guerinianus

Elona quimperiana

Geomalacus maculosus

Geomitra moniziana

Gibbula nivosa

Hygromia kovacsii

Idiomela (Helix) subplicata

Lampedusa imitatrix

Lampedusa melitensis

Leiostyla abbreviata

Leiostyla cassida

Leiostyla corneocostata

Leiostyla gibba

Leiostyla lamellosa

Paladilhia hungarica

Patella ferruginea

Sadleriana pannonica

Theodoxus prevostianus

Theodoxus transversalis

BIVALVIA

Anisomyaria

Lithophaga lithophaga

Pinna nobilis

Unionoida

Margaritifera auricularia

Unio crassus

Dreissenidae

Congeria kusceri

ECHINODERMATA

Echinoidea

Centrostephanus longispinus

(b) **PLANTS** U.K.

Annex IV (b) contains all the plant species listed in Annex II (b)⁽⁵⁾ plus those mentioned below:

PTERIDOPHYTA

ASPLENIACEAE

Asplenium hemionitis L.

ANGIOSPERMAE

AGAVACEAE

Dracaena draco (L.) L.

AMARYLLIDACEAE

Narcissus longispathus Pugsley

Narcissus triandrus L.

BERBERIDACEAE

Berberis maderensis Lowe

CAMPANULACEAE

Campanula morettiana Reichenb.

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Physoplexis comosa (L.) Schur.
CARYOPHYLLACEAE

Moehringia fontqueri Pau
COMPOSITAE

Argyranthemum pinnatifidum (L.f.) Lowe subsp. *succulentum* (Lowe) C. J. Humphries

Helichrysum sibthorpii Rouy

Picris willkommii (Schultz Bip.) Nyman

Santolina elegans Boiss. ex DC.

Senecio caespitosus Brot.

Senecio lagascanus DC. subsp. *lusitanicus* (P. Cout.) Pinto da Silva

Wagenitzia lancifolia (Sieber ex Sprengel) Dostal
CRUCIFERAE

Murbeckiella sousae Rothm.
EUPHORBIACEAE

Euphorbia nevadensis Boiss. & Reuter
GESNERIACEAE

Jankaea heldreichii (Boiss.) Boiss.

Ramonda serbica Pancic
IRIDACEAE

Crocus etruscus Parl.

Iris boissieri Henriq.

Iris marisca Ricci & Colasante
LABIATAE

Rosmarinus tomentosus Huber-Morath & Maire

Teucrium charidemi Sandwith

Thymus capitellatus Hoffmanns. & Link

Thymus villosus L. subsp. *villosus* L.
LILIACEAE

Androcymbium europaeum (Lange) K. Richter

Bellevalia hackelli Freyn

Colchicum corsicum Baker

Colchicum cousturieri Greuter

Fritillaria conica Rix

Fritillaria drenovskii Degen & Stoy.

Fritillaria guzichiae (Degen & Doerfler) Rix

Fritillaria obliqua Ker-Gawl.

Fritillaria rhodocanakis Orph. ex Baker

Ornithogalum reverchonii Degen & Herv.-Bass.

Scilla beirana Samp.

Scilla odorata Link

ORCHIDACEAE

Ophrys argolica Fleischm.

Orchis scopolorum Simsmerh.

Spiranthes aestivalis (Poiret) L.C.M. Richard

PRIMULACEAE

Androsace cylindrica DC.

Primula glaucescens Moretti

Primula spectabilis Tratt.

RANUNCULACEAE

Aquilegia alpina L.

SAPOTACEAE

Sideroxylon marmulano Banks ex Lowe

SAXIFRAGACEAE

Saxifraga cintrana Kuzinsky ex Willk.

Saxifraga portosanctana Boiss.

Saxifraga presolanensis Engl.

Saxifraga valdensis DC.

Saxifraga vayredana Luizet

SCROPHULARIACEAE

Antirrhinum lopesianum Rothm.

Lindernia procumbens (Krocker) Philcox

SOLANACEAE

Mandragora officinarum L.

THYMELAEACEAE

Thymelaea broteriana P. Cout.

UMBELLIFERAE

Bunium brevifolium Lowe

VIOLACEAE

Viola athois W. Becker

Viola cazorlensis Gandoger

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Annex II to Directive 2009/147/EC is replaced by the following:

‘ANNEXPART AANSERIFORMESAnatidae

II

Anser fabalis

Anser anser

Branta canadensis

Anas penelope

Anas strepera

Anas crecca

Anas platyrhynchos

Anas acuta

Anas querquedula

Anas clypeata

Aythya ferina

Aythya fuligula

GALLIFORMESTetraonidae

Lagopus lagopus scoticus et hibernicus

Lagopus mutus

Phasianidae

Alectoris graeca

Alectoris rufa

Perdix perdix

Phasianus colchicus

GRUIFORMESRallidae

Fulica atra

CHARADRIIFORMESScolopacidae

Lymnocryptes minimus

Gallinago gallinago

Scolopax rusticola

COLUMBIFORMESColumbidae

Columba livia

Columba palumbus

PART B U.K.

ANSERIFORMES

Anatidae

Cygnus olor

Anser brachyrhynchus

Anser albifrons

Branta bernicla

Netta rufina

Aythya marila

Somateria mollissima

Clangula hyemalis

Melanitta nigra

Melanitta fusca

Bucephala clangula

Mergus serrator

Mergus merganser

GALLIFORMES

Meleagridae

Meleagris gallopavo

Tetraonidae

Bonasa bonasia

Lagopus lagopus lagopus

Tetrao tetrix

Tetrao urogallus

Phasianidae

Francolinus francolinus

Alectoris barbara

Alectoris chukar

Coturnix coturnix

GRUIFORMES

Rallidae

Rallus aquaticus

Gallinula chloropus

CHARADRIIFORMES

Haematopodidae

Haematopus ostralegus

Charadriidae

Pluvialis apricaria

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Pluvialis squatarola

Vanellus vanellus
Scolopacidae

Calidris canutus

Philomachus pugnax

Limosa limosa

Limosa lapponica

Numenius phaeopus

Numenius arquata

Tringa erythropus

Tringa totanus

Tringa nebularia

Laridae

Larus ridibundus

Larus canus

Larus fuscus

Larus argentatus

Larus cachinnans

Larus marinus

COLUMBIFORMES

Columbidae

Columba oenas

Streptopelia decaocto

Streptopelia turtur

PASSERIFORMES

Alaudidae

Alauda arvensis

Muscicapidae

Turdus merula

Turdus pilaris

Turdus philomelos

Turdus iliacus

Turdus viscivorus

Sturnidae

Sturnus vulgaris

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Corvidae

Garrulus glandarius

Pica pica

Corvus monedula

Corvus frugilegus

Corvus corone

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+ = Member States which under Article 7(3) may authorise hunting of the species listed.

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<i>Tetrao-urogallus</i>	+			+	+	+				+		+		+	+	+
<i>Francolinus francolinus</i>						+										
<i>Alectoris barbara</i>			+		+											
<i>Alectoris chukar</i>			+		+	+										
<i>Coturnix coturnix</i>			+	+	+	+	+			+	+	+	+	+		
<i>Meleagris gallopavo</i>	+										+				+	
<i>Rallus aquaticus</i>				+		+				+						
<i>Gallinula chloropus</i>			+	+	+					+		+	+			+
<i>Haematopus ostralegus</i>					+											
<i>Pluvialis apricaria</i>	+		+	+		+				+	+		+			+
<i>Pluvialis squatarola</i>	+				+					+						+
<i>Vanellus vanellus</i>	+		+	+	+	+		+			+					
<i>Calidris canutus</i>	+					+										
<i>Philomachus pugnax</i>						+	+				+					
<i>Limosa limosa</i>	+					+										
<i>Limosa lapponica</i>	+					+										+
<i>Numenius phaeopus</i>	+					+										+
<i>Numenius arquata</i>	+			+		+										+
<i>Tringa erythropus</i>	+					+										
<i>Tringa totanus</i>	+					+	+									+
<i>Tringa nebularia</i>	+					+										
<i>Larus ridibundus</i>	+	+	+		+					+		+			+	+

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- (1) Council Directive 92/43/EEC of 21 May 1992 on the conservation of natural habitats and of wild fauna and flora ([OJ L 206, 22.7.1992, p. 7](#)).
- (2) Directive 2001/81/EC of the European Parliament and of the Council of 23 October 2001 on national emission ceilings for certain atmospheric pollutants ([OJ L 309, 27.11.2001, p. 22](#)).
- (3) Directive 2009/147/EC of the European Parliament and of the Council of 30 November 2009 on the conservation of wild birds ([OJ L 20, 26.1.2010, p. 7](#)).
- (4) (+) Interpretation Manual of European Union Habitats, version EUR 15/2, adopted by the Habitats Committee on 4 October 1999 and Amendments to the "Interpretation Manual of European Union Habitats" with a view to EU enlargement (Hab. 01/11b-rev. 1), adopted by the Habitats Committee on 24 April 2002 after written consultation, European Commission, Directorate General for Environment;
- (5) Except bryophytes in Annex II (b).