

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,

HAS ADOPTED THIS DIRECTIVE:

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

Article 1

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

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

Article 2

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.

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

Having regard to the proposal from the European Commission,

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

Whereas:

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.

(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. 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

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.

(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.

Article 4

This Directive is addressed to the Member States.

(3) Directives 92/43/EEC⁽¹⁾, 2001/81/EC⁽²⁾ and 2009/147/EC⁽³⁾ should therefore be amended accordingly,

Done at Brussels, 13 May 2013.

For the Council
The President
S. COVENEY

⁽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).

ANNEX

PART A

INDUSTRIAL POLLUTION CONTROL AND RISK MANAGEMENT

Directive 2001/81/EC is amended as follows:

(1) Annex I is replaced by the following:

‘ANNEX I

NATIONAL EMISSION CEILINGS FOR SO₂, NO_x, VOC AND NH₃, TO BE ATTAINED BY 2010 ⁽¹⁾

Country	SO ₂ Kilotonnes	NO _x Kilotonnes	VOC Kilotonnes	NH ₃ Kilotonnes
Belgium	99	176	139	74
Bulgaria ⁽²⁾	836	247	175	108
Czech Republic	265	286	220	80
Denmark	55	127	85	69
Germany	520	1 051	995	550
Estonia	100	60	49	29
Ireland	42	65	55	116
Greece	523	344	261	73
Spain	746	847	662	353
France	375	810	1 050	780
Croatia ⁽³⁾	70	87	90	30
Italy	475	990	1 159	419
Cyprus	39	23	14	9
Latvia	101	61	136	44
Lithuania	145	110	92	84
Luxembourg	4	11	9	7
Hungary	500	198	137	90
Malta	9	8	12	3
Netherlands	50	260	185	128
Austria	39	103	159	66
Poland	1 397	879	800	468
Portugal	160	250	180	90
Romania ⁽²⁾	918	437	523	210

Country	SO ₂ Kilotonnes	NO _x Kilotonnes	VOC Kilotonnes	NH ₃ Kilotonnes
Slovenia	27	45	40	20
Slovakia	110	130	140	39
Finland	110	170	130	31
Sweden	67	148	241	57
United Kingdom	585	1 167	1 200	297
EU 28	8 367	9 090	8 938	4 324

(¹) These 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.

(²) 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.

(³) The national emission ceilings for Croatia are to be attained by the date of its accession to the Union.

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

	SO ₂ Kilotonnes	NO _x Kilotonnes	VOC Kilotonnes
EU 28 (¹)	7 902	8 267	7 675

(¹) 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

NATURE PROTECTION

(1) Directive 92/43/EEC is amended as follows:

(a) Annex I is replaced by the following:

'ANNEX I

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

Interpretation

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 (*).

The code corresponds to the Natura 2000 code.

The sign "*" indicates priority habitat types.

1. COASTAL AND HALOPHYTIC HABITATS

11. Open sea and tidal areas

1110 Sandbanks which are slightly covered by sea water all the time

1120 * *Posidonia* beds (*Posidonion oceanicae*)

1130 Estuaries

(*) *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;

- 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**
- 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 *Limonium* spp.
- 1250 Vegetated sea cliffs with endemic flora of the Macaronesian coasts

- 13. **Atlantic and continental salt marshes and salt meadows**
- 1310 *Salicornia* and other annuals colonizing mud and sand
- 1320 *Spartina* swards (*Spartinion maritimae*)
- 1330 Atlantic salt meadows (*Glauco-Puccinellietalia maritimae*)
- 1340 * Inland salt meadows

- 14. **Mediterranean and thermo-Atlantic salt marshes and salt meadows**
- 1410 Mediterranean salt meadows (*Juncetalia maritimi*)
- 1420 Mediterranean and thermo-Atlantic halophilous scrubs (*Sarcocornetea fruticosi*)
- 1430 Halo-nitrophilous scrubs (*Pegano-Salsoletea*)

- 15. **Salt and gypsum inland steppes**
- 1510 * Mediterranean salt steppes (*Limonietalia*)
- 1520 * Iberian gypsum vegetation (*Gypsophiletalia*)
- 1530 * Pannonic salt steppes and salt marshes

- 16. **Boreal Baltic archipelago, coastal and landupheaval areas**
- 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

- 21. **Sea dunes of the Atlantic, North Sea and Baltic coasts**
- 2110 Embryonic shifting dunes
- 2120 Shifting dunes along the shoreline with *Ammophila arenaria* ("white dunes")
- 2130 * Fixed coastal dunes with herbaceous vegetation ("grey dunes")

- 2140 * Decalcified fixed dunes with *Empetrum nigrum*
- 2150 * Atlantic decalcified fixed dunes (*Calluno-Ulicetea*)
- 2160 Dunes with *Hippophaë rhamnoides*
- 2170 Dunes with *Salix repens* ssp. *argentea* (*Salicion arenariae*)
- 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**

- 2210 *Crucianellion maritimae* fixed beach dunes
- 2220 Dunes with *Euphorbia terracina*
- 2230 *Malcolmietalia* dune grasslands
- 2240 *Brachypodietalia* dune grasslands with annuals
- 2250 * Coastal dunes with *Juniperus* spp.
- 2260 *Cisto-Lavenduletalia* dune sclerophyllous scrubs
- 2270 * Wooded dunes with *Pinus pinea* and/or *Pinus pinaster*

23. **Inland dunes, old and decalcified**

- 2310 Dry sand heaths with *Calluna* and *Genista*
- 2320 Dry sand heaths with *Calluna* and *Empetrum nigrum*
- 2330 Inland dunes with open *Corynephorus* and *Agrostis* grasslands
- 2340 * Pannonic inland dunes

3. FRESHWATER HABITATS

31. **Standing water**

- 3110 Oligotrophic waters containing very few minerals of sandy plains (*Littorelletalia uniflorae*)
- 3120 Oligotrophic waters containing very few minerals generally on sandy soils of the West Mediterranean, with *Isoetes* spp.
- 3130 Oligotrophic to mesotrophic standing waters with vegetation of the *Littorelletea uniflorae* and/or of the *Isoëto-Nanojuncetea*
- 3140 Hard oligo-mesotrophic waters with benthic vegetation of *Chara* spp.
- 3150 Natural eutrophic lakes with *Magnopotamion* or *Hydrocharition* — 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**

- 3210 Fennoscandian natural rivers
- 3220 Alpine rivers and the herbaceous vegetation along their banks
- 3230 Alpine rivers and their ligneous vegetation with *Myricaria germanica*

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

4. TEMPERATE HEATH AND SCRUB

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

5. SCLEROPHYLLOUS SCRUB (MATORRAL)

- 51. **Sub-Mediterranean and temperate scrub**
- 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**
- 5210 Arborescent matorral with *Juniperus* spp.
- 5220 * Arborescent matorral with *Zyziphus*
- 5230 * Arborescent matorral with *Laurus nobilis*

- 53. **Thermo-Mediterranean and pre-steppe brush**
- 5310 *Laurus nobilis* thickets
- 5320 Low formations of *Euphorbia* close to cliffs
- 5330 Thermo-Mediterranean and pre-desert scrub

54. Phrygana

5410 West Mediterranean clifftop phrygas (*Astragalo-Plantagnetum subulatae*)

5420 *Sarcopoterium spinosum* phrygas

5430 Endemic phrygas of the *Euphorbio-Verbascion*

6. NATURAL AND SEMI-NATURAL GRASSLAND FORMATIONS**61. Natural grasslands**

6110 * Rupicolous calcareous or basophilic grasslands of the *Alyso-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

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 silicious substrates in mountain areas (and submountain areas in Continental Europe)

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 (*Scorzoneratalia villosae*)

62B0 * Serpentinophilous grassland of Cyprus

62C0 * Ponto-Sarmatic steppes

62D0 Oro-Moesian acidophilous grasslands

63. Sclerophyllous grazed forests (dehesas)

6310 Dehesas with evergreen *Quercus* spp.

64. Semi-natural tall-herb humid meadows

6410 *Molinia* meadows on calcareous, peaty or clayey-silt-laden soils (*Molinion caeruleae*)

6420 Mediterranean tall humid grasslands of the *Molinio-Holoschoenion*

6430 Hydrophilous tall herb fringe communities of plains and of the montane to alpine levels

- 6440 Alluvial meadows of river valleys of the *Cnidion dubii*
- 6450 Northern boreal alluvial meadows
- 6460 Peat grasslands of Troodos

- 65. **Mesophile grasslands**
- 6510 Lowland hay meadows (*Alopecurus pratensis*, *Sanguisorba officinalis*)
- 6520 Mountain hay meadows
- 6530 * Fennoscandian wooded meadows
- 6540 Sub-Mediterranean grasslands of the *Molinio-Hordeion secalini*

7. RAISED BOGS AND MIRES AND FENS

- 71. **Sphagnum acid bogs**
- 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 *Rhynchosporion*
- 7160 Fennoscandian mineral-rich springs and springfens

- 72. **Calcareous fens**
- 7210 * Calcareous fens with *Cladium mariscus* and species of the *Caricion davallianae*
- 7220 * Petrifying springs with tufa formation (*Cratoneurion*)
- 7230 Alkaline fens
- 7240 * Alpine pioneer formations of the *Caricion bicoloris-atrofuscae*

- 73. **Boreal mires**
- 7310 * Aapa mires
- 7320 * Palsa mires

8. ROCKY HABITATS AND CAVES

- 81. **Scree**
- 8110 Siliceous scree of the montane to snow levels (*Androsacetalia alpinae* and *Galeopsietalia ladani*)
- 8120 Calcareous and calcshist screes of the montane to alpine levels (*Thlaspietea rotundifolii*)
- 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**
- 8210 Calcareous rocky slopes with chasmophytic vegetation

- 8220 Siliceous rocky slopes with chasmophytic vegetation
- 8230 Siliceous rock with pioneer vegetation of the *Sedo-Scleranthion* or of the *Sedo albi-Veronicion dillenii*
- 8240 * Limestone pavements
83. **Other rocky habitats**
- 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

(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

- 9010 * Western Taïga
- 9020 * Fennoscandian hemiboreal natural old broad-leaved deciduous forests (*Quercus*, *Tilia*, *Acer*, *Fraxinus* or *Ulmus*) rich in epiphytes
- 9030 * Natural forests of primary succession stages of landupheaval coast
- 9040 Nordic subalpine/subarctic forests with *Betula pubescens* ssp. *czerepanovii*
- 9050 Fennoscandian herb-rich forests with *Picea abies*
- 9060 Coniferous forests on, or connected to, glaciofluvial eskers
- 9070 Fennoscandian wooded pastures
- 9080 * Fennoscandian deciduous swamp woods

91. Forests of Temperate Europe

- 9110 *Luzulo-Fagetum* beech forests
- 9120 Atlantic acidophilous beech forests with *Ilex* and sometimes also *Taxus* in the shrublayer (*Quercion robori-petraeae* or *Ilici-Fagenion*)
- 9130 *Asperulo-Fagetum* beech forests
- 9140 Medio-European subalpine beech woods with *Acer* and *Rumex arifolius*
- 9150 Medio-European limestone beech forests of the *Cephalanthero-Fagion*
- 9160 Sub-Atlantic and medio-European oak or oak-hornbeam forests of the *Carpinion betuli*
- 9170 *Galio-Carpinetum* oak-hornbeam forests
- 9180 * *Tilio-Acerion* forests of slopes, screes and ravines
- 9190 Old acidophilous oak woods with *Quercus robur* on sandy plains
- 91A0 Old sessile oak woods with *Ilex* and *Blechnum* in the British Isles
- 91B0 Thermophilous *Fraxinus angustifolia* woods

- 91C0 * Caledonian forest
- 91D0 * Bog woodland
- 91E0 * Alluvial forests with *Alnus glutinosa* and *Fraxinus excelsior* (*Alno-Padion*, *Alnion incanae*, *Salicion albae*)
- 91F0 Riparian mixed forests of *Quercus robur*, *Ulmus laevis* and *Ulmus minor*, *Fraxinus excelsior* or *Fraxinus angustifolia*, along the great rivers (*Ulmenion minoris*)
- 91G0 * Pannonic woods with *Quercus petraea* and *Carpinus betulus*
- 91H0 * Pannonian woods with *Quercus pubescens*
- 91I0 * Euro-Siberian steppic woods with *Quercus* spp.
- 91J0 * *Taxus baccata* woods of the British Isles
- 91K0 Illyrian *Fagus sylvatica* forests (*Aremonio-Fagion*)
- 91L0 Illyrian oak-hornbeam forests (*Erythronio-Carpinion*)
- 91M0 Pannonian-Balkan turkey oak — sessile oak forests
- 91N0 * Pannonic inland sand dune thicket (*Junipero-Populetum albae*)
- 91P0 Holy Cross fir forest (*Abietetum polonicum*)
- 91Q0 Western Carpathian calcicolous *Pinus sylvestris* forests
- 91R0 Dinaric dolomite Scots pine forests (*Genisto januensis-Pinetum*)
- 91S0 * Western Pontic beech forests
- 91T0 Central European lichen Scots pine forests
- 91U0 Sarmatic steppe pine forest
- 91V0 Dacian Beech forests (*Symphyto-Fagion*)
- 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 Rhodope and Balkan Range Scots pine forests
92. **Mediterranean deciduous forests**
- 9210 * Apennine beech forests with *Taxus* and *Ilex*
- 9220 * Apennine beech forests with *Abies alba* and beech forests with *Abies nebrodensis*
- 9230 Galicio-Portuguese oak woods with *Quercus robur* and *Quercus pyrenaica*
- 9240 *Quercus faginea* and *Quercus canariensis* Iberian woods
- 9250 *Quercus trojana* woods
- 9260 *Castanea sativa* woods

- 9270 Hellenic beech forests with *Abies borisii-regis*
- 9280 *Quercus frainetto* woods
- 9290 *Cupressus* forests (*Acero-Cupression*)
- 92A0 *Salix alba* and *Populus alba* galleries
- 92B0 Riparian formations on intermittent Mediterranean water courses with *Rhododendron ponticum*, *Salix* and others
- 92C0 *Platanus orientalis* and *Liquidambar orientalis* woods (*Platanion orientalis*)
- 92D0 Southern riparian galleries and thickets (*Nerio-Tamaricetea* and *Securinegion tinctoriae*)
93. **Mediterranean sclerophyllous forests**
- 9310 Aegean *Quercus brachyphylla* woods
- 9320 *Olea* and *Ceratonia* forests
- 9330 *Quercus suber* forests
- 9340 *Quercus ilex* and *Quercus rotundifolia* forests
- 9350 *Quercus macrolepis* forests
- 9360 * Macaronesian laurel forests (*Laurus*, *Ocotea*)
- 9370 * Palm groves of *Phoenix*
- 9380 Forests of *Ilex aquifolium*
- 9390 * Scrub and low forest vegetation with *Quercus alnifolia*
- 93A0 Woodlands with *Quercus infectoria* (*Anagyro foetidae-Quercetum infectoriae*)
94. **Temperate mountainous coniferous forests**
- 9410 Acidophilous *Picea* forests of the montane to alpine levels (*Vaccinio-Piceetea*)
- 9420 Alpine *Larix decidua* and/or *Pinus cembra* forests
- 9430 Subalpine and montane *Pinus uncinata* forests (* if on gypsum or limestone)
95. **Mediterranean and Macaronesian mountainous coniferous forests**
- 9510 * Southern Apennine *Abies alba* forests
- 9520 *Abies pinsapo* forests
- 9530 * (Sub-) Mediterranean pine forests with endemic black pines
- 9540 Mediterranean pine forests with endemic Mesogean pines
- 9550 Canarian endemic pine forests
- 9560 * Endemic forests with *Juniperus* spp.
- 9570 * *Tetraclinis articulata* forests
- 9580 * Mediterranean *Taxus baccata* woods
- 9590 * *Cedrus brevifolia* forests (*Cedrosetum brevifoliae*)
- 95A0 High oro-Mediterranean pine forests'

(b) Annex II is replaced by the following:

‘ANNEX II

**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

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**

VERTEBRATES

MAMMALS	RODENTIA
INSECTIVORA	Gliridae
Talpidae	<i>Myomimus roachi</i>
<i>Galemys pyrenaicus</i>	Sciuridae
CHIROPTERA	* <i>Marmota marmota latirostris</i>
Rhinolophidae	* <i>Pteromys volans (Sciuropterus ruscicus)</i>
<i>Rhinolophus blasii</i>	<i>Spermophilus citellus (Citellus citellus)</i>
<i>Rhinolophus euryale</i>	* <i>Spermophilus suslicus (Citellus suslicus)</i>
<i>Rhinolophus ferrumequinum</i>	Castoridae
<i>Rhinolophus hipposideros</i>	<i>Castor fiber</i> (except the Estonian, Latvian, Lithuanian, Finnish and Swedish populations)
<i>Rhinolophus mehelyi</i>	Cricetidae
Vespertilionidae	<i>Mesocricetus newtoni</i>
<i>Barbastella barbastellus</i>	Microtidae
<i>Miniopterus schreibersii</i>	<i>Dinaromys bogdanovi</i>
<i>Myotis bechsteinii</i>	<i>Microtus cabreræ</i>
<i>Myotis blythii</i>	* <i>Microtus oeconomus arenicola</i>
<i>Myotis capaccinii</i>	* <i>Microtus oeconomus mehelyi</i>
<i>Myotis dasycneme</i>	<i>Microtus taticus</i>
<i>Myotis emarginatus</i>	Zapodidae
<i>Myotis myotis</i>	<i>Sicista subtilis</i>
Pteropodidae	
<i>Rousettus aegyptiacus</i>	

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).

Ursidae

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

Mustelidae

* *Gulo gulo*

Lutra lutra

Mustela eversmanni

* *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 tatrica*

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*)

* <i>Vipera ursinii macrops</i>	<i>Lampetra planeri</i> (o) (except the Estonian, Finnish, and Swedish populations)
* <i>Vipera ursinii rakosiensis</i>	<i>Lethenteron zanandreae</i> (V)
AMPHIBIANS	<i>Petromyzon marinus</i> (o) (except the Swedish populations)
CAUDATA	ACIPENSERIFORMES
Salamandridae	Acipenseridae
<i>Chioglossa lusitanica</i>	* <i>Acipenser naccarii</i>
<i>Mertensiella luschani</i> (<i>Salamandra luschani</i>)	* <i>Acipenser sturio</i>
* <i>Salamandra aurorae</i> (<i>Salamandra atra aurorae</i>)	CLUPEIFORMES
<i>Salamandrina terdigitata</i>	Clupeidae
<i>Triturus carnifex</i> (<i>Triturus cristatus carnifex</i>)	<i>Alosa</i> spp. (V)
<i>Triturus cristatus</i> (<i>Triturus cristatus cristatus</i>)	SALMONIFORMES
<i>Triturus dobrogicus</i> (<i>Triturus cristatus dobrogicus</i>)	Salmonidae
<i>Triturus karelinii</i> (<i>Triturus cristatus karelinii</i>)	<i>Hucho hucho</i> (natural populations) (V)
<i>Triturus montandoni</i>	<i>Salmo macrostigma</i> (o)
<i>Triturus vulgaris ampelensis</i>	<i>Salmo marmoratus</i> (o)
Proteidae	<i>Salmo salar</i> (only in fresh water) (V) (except the Finnish populations)
* <i>Proteus anguinus</i>	<i>Salmothymus obtusirostris</i> (o)
Plethodontidae	Coregonidae
<i>Hydromantes</i> (<i>Speleomantes</i>) <i>ambrosii</i>	* <i>Coregonus oxyrhynchus</i> (anadromous populations in certain sectors of the North Sea)
<i>Hydromantes</i> (<i>Speleomantes</i>) <i>flavus</i>	Umbridae
<i>Hydromantes</i> (<i>Speleomantes</i>) <i>genei</i>	<i>Umbra krameri</i> (o)
<i>Hydromantes</i> (<i>Speleomantes</i>) <i>imperialis</i>	CYPRINIFORMES
<i>Hydromantes</i> (<i>Speleomantes</i>) <i>strinatii</i>	Cyprinidae
<i>Hydromantes</i> (<i>Speleomantes</i>) <i>supramontis</i>	<i>Alburnus albidus</i> (o) (<i>Alburnus vulturius</i>)
ANURA	<i>Aulopyge huegelii</i> (o)
Discoglossidae	<i>Anaocypris hispanica</i>
* <i>Alytes muletensis</i>	<i>Aspius aspius</i> (V) (except the Finnish populations)
<i>Bombina bombina</i>	<i>Barbus comiza</i> (V)
<i>Bombina variegata</i>	<i>Barbus meridionalis</i> (V)
<i>Discoglossus galganoi</i> (including <i>Discoglossus "jeanneae"</i>)	<i>Barbus plebejus</i> (V)
<i>Discoglossus montalentii</i>	<i>Chalcalburnus chalcoides</i> (o)
<i>Discoglossus sardus</i>	<i>Chondrostoma genei</i> (o)
Ranidae	<i>Chondrostoma knerii</i> (o)
<i>Rana latastei</i>	<i>Chondrostoma lusitanicum</i> (o)
Pelobatidae	<i>Chondrostoma phoxinus</i> (o)
* <i>Pelobates fuscus insubricus</i>	<i>Chondrostoma polylepis</i> (o) (including <i>C. willkommii</i>)
FISH	<i>Chondrostoma soetta</i> (o)
PETROMYZONIFORMES	<i>Chondrostoma toxostoma</i> (o)
Petromyzonidae	<i>Gobio albipinnatus</i> (o)
<i>Eudontomyzon</i> spp. (o)	
<i>Lampetra fluviatilis</i> (V) (except the Finnish and Swedish populations)	

<i>Gobio kessleri</i> (o)	<i>Sabanejewia larvata</i> (o) (<i>Cobitis larvata</i> and <i>Cobitis conspersa</i>)
<i>Gobio uranoscopus</i> (o)	
<i>Iberocypris palaciosi</i> (o)	SILURIFORMES
* <i>Ladigesocypris ghigii</i> (o)	Siluridae
<i>Leuciscus lucumonis</i> (o)	<i>Silurus aristotelis</i> (V)
<i>Leuciscus souffia</i> (o)	ATHERINIFORMES
<i>Pelecus cultratus</i> (V)	Cyprinodontidae
<i>Phoxinellus</i> spp. (o)	<i>Aphanius iberus</i> (o)
* <i>Phoxinus phoxinus</i>	<i>Aphanius fasciatus</i> (o)
<i>Rhodeus sericeus amarus</i> (o)	* <i>Valencia hispanica</i>
<i>Rutilus pigus</i> (V)	* <i>Valencia letourneuxi</i> (<i>Valencia hispanica</i>)
<i>Rutilus rubilio</i> (o)	PERCIFORMES
<i>Rutilus arcasii</i> (o)	Percidae
<i>Rutilus macrolepidotus</i> (o)	<i>Gymnocephalus baloni</i>
<i>Rutilus lemmingii</i> (o)	<i>Gymnocephalus schraetzer</i> (V)
<i>Rutilus frisii meidingeri</i> (V)	* <i>Romanichthys valsanicola</i>
<i>Rutilus albumoides</i> (o)	<i>Zingel</i> spp. ((o) except <i>Zingel asper</i> and <i>Zingel zingel</i> (V))
<i>Scardinius graecus</i> (o)	Gobiidae
<i>Squalius microlepis</i> (o)	<i>Knipowitschia croatica</i> (o)
<i>Squalius svallize</i> (o)	<i>Knipowitschia (Padogobius) panizzae</i> (o)
Cobitidae	<i>Padogobius nigricans</i> (o)
<i>Cobitis elongata</i> (o)	<i>Pomatoschistus canestrini</i> (o)
<i>Cobitis taenia</i> (o) (except the Finnish populations)	SCORPAENIFORMES
<i>Cobitis trichonica</i> (o)	Cottidae
<i>Misgurnus fossilis</i> (o)	<i>Cottus gobio</i> (o) (except the Finnish populations)
<i>Sabanejewia aurata</i> (o)	<i>Cottus petiti</i> (o)

INVERTEBRATES

ARTHROPODS

CRUSTACEA

Decapoda

Austropotamobius pallipes (V)* *Austropotamobius torrentium* (V)

Isopoda

* *Armadillidium ghardalensis*

INSECTA

Coleoptera

Agathidium pulchellum (o)*Bolbelasmus unicornis**Boros schneideri* (o)*Buprestis splendens**Carabus hampei**Carabus hungaricus** *Carabus menetriesi pacholei** *Carabus olympiae**Carabus variolosus**Carabus zawadzskii**Cerambyx cerdo**Corticaria planula* (o)*Cucujus cinnaberinus**Dorcadion fulvum cervae*

<i>Duvalius gebhardti</i>	<i>Erebia christi</i>
<i>Duvalius hungaricus</i>	<i>Erebia medusa polaris</i> (o)
<i>Dytiscus latissimus</i>	<i>Eriogaster catax</i>
<i>Graphoderus bilineatus</i>	<i>Euphydryas (Eurodryas, Hypodryas) aurinia</i> (o)
<i>Leptodirus hohenwarti</i>	<i>Glyphipterix loricatella</i>
<i>Limoniscus violaceus</i> (o)	<i>Gortyna borelii lunata</i>
<i>Lucanus cervus</i> (o)	<i>Graellsia isabellae</i> (V)
<i>Macroplea pubipennis</i> (o)	<i>Hesperia comma catena</i> (o)
<i>Mesosa myops</i> (o)	<i>Hypodryas maturna</i>
<i>Morimus funereus</i> (o)	<i>Leptidea morsei</i>
* <i>Osmoderma eremita</i>	<i>Lignyoptera fumidaria</i>
<i>Oxyporus mannerheimii</i> (o)	<i>Lycaena dispar</i>
<i>Pilemia tigrina</i>	<i>Lycaena helle</i>
* <i>Phryganophilus ruficollis</i>	<i>Maculinea nausithous</i>
<i>Probatiscus subrugosus</i>	<i>Maculinea teleius</i>
<i>Propomacrus cypriacus</i>	<i>Melanargia arge</i>
* <i>Pseudogaurotina excellens</i>	* <i>Nymphalis vaualbum</i>
<i>Pseudoseriscius cameroni</i>	<i>Papilio hospiton</i>
<i>Pytho kolwensis</i>	<i>Phyllometra culminaria</i>
<i>Rhysodes sulcatus</i> (o)	<i>Plebicula golgus</i>
* <i>Rosalia alpina</i>	<i>Polymixis rufocincta isolata</i>
<i>Stephanopachys linearis</i> (o)	<i>Polyommatus eroides</i>
<i>Stephanopachys substriatus</i> (o)	<i>Proterebia afra dalmata</i>
<i>Xyletinus tremulicola</i> (o)	<i>Pseudophilotes bavicus</i>
Hemiptera	<i>Xestia borealis</i> (o)
<i>Aradus angularis</i> (o)	<i>Xestia brunneopicta</i> (o)
Lepidoptera	* <i>Xylomoia strix</i>
<i>Agriades glandon aquilo</i> (o)	Mantodea
<i>Arytrura musculus</i>	<i>Apteromantis aptera</i>
* <i>Callimorpha (Euplagia, Panaxia) quadripunctaria</i> (o)	Odonata
<i>Catopta thrips</i>	<i>Coenagrion hylas</i> (o)
<i>Chondrosoma fiduciarium</i>	<i>Coenagrion mercuriale</i> (o)
<i>Clossiana improba</i> (o)	<i>Coenagrion ornatum</i> (o)
<i>Coenonympha oedippus</i>	<i>Cordulegaster heros</i>
<i>Colias myrmidone</i>	<i>Cordulegaster trinacriae</i>
<i>Cucullia mixta</i>	<i>Gomphus graslinii</i>
<i>Dioszeghyana schmidtii</i>	<i>Leucorrhinia pectoralis</i>
<i>Erannis ankeraria</i>	<i>Lindenia tetraphylla</i>
<i>Erebia calcaria</i>	<i>Macromia splendens</i>

<i>Ophiogomphus cecilia</i>	<i>Geomitra moniziana</i>
<i>Oxygastra curtisii</i>	<i>Gibbula nivosa</i>
Orthoptera	* <i>Helicopsis striata austriaca</i> (o)
<i>Baetica ustulata</i>	<i>Hygromia kovacsi</i>
<i>Brachytrupes megacephalus</i>	<i>Idiomela (Helix) subplicata</i>
<i>Isophya costata</i>	<i>Lampedusa imitatrix</i>
<i>Isophya harzi</i>	* <i>Lampedusa melitensis</i>
<i>Isophya stysi</i>	<i>Leiostyla abbreviata</i>
<i>Myrmecophilus baronii</i>	<i>Leiostyla cassida</i>
<i>Odontopodisma rubripes</i>	<i>Leiostyla corneocostata</i>
<i>Paracaloptenus caloptenoides</i>	<i>Leiostyla gibba</i>
<i>Pholidoptera transsylvanica</i>	<i>Leiostyla lamellosa</i>
<i>Stenobothrus (Stenobothrodes) eurasius</i>	* <i>Paladilhia hungarica</i>
ARACHNIDA	<i>Sadleriana pannonica</i>
Pseudoscorpiones	<i>Theodoxus transversalis</i>
<i>Anthrenochernes stellae</i> (o)	<i>Vertigo angustior</i> (o)
MOLLUSCS	<i>Vertigo genesii</i> (o)
GASTROPODA	<i>Vertigo geayeri</i> (o)
<i>Anisus vorticulus</i>	<i>Vertigo mouliinsiana</i> (o)
<i>Caseolus calculus</i>	BIVALVIA
<i>Caseolus commixta</i>	Unionoida
<i>Caseolus sphaerula</i>	<i>Margaritifera durrovensis (Margaritifera margaritifera)</i> (V)
<i>Chilostoma banaticum</i>	<i>Margaritifera margaritifera</i> (V)
<i>Discula leacockiana</i>	<i>Unio crassus</i>
<i>Discula tabellata</i>	Dreissenidae
<i>Discus guerinianus</i>	<i>Congeria kusceri</i>
<i>Elona quimperiana</i>	
<i>Geomalacus maculosus</i>	
	(b) PLANTS
PTERIDOPHYTA	* <i>Dryopteris corleyi</i> Fraser-Jenk.
ASPLENIACEAE	<i>Dryopteris fragans</i> (L.) Schott
<i>Asplenium jahandiezii</i> (Litard.) Rouy	
<i>Asplenium adulterinum</i> Milde	HYMENOPHYLLACEAE
BLECHNACEAE	<i>Trichomanes speciosum</i> Willd.
<i>Woodwardia radicans</i> (L.) Sm.	ISOETACEAE
DICKSONIACEAE	<i>Isoetes boryana</i> Durieu
<i>Culcita macrocarpa</i> C. Presl	<i>Isoetes malinverniana</i> Ces. & De Not.
DRYOPTERIDACEAE	MARSILEACEAE
<i>Diplazium sibiricum</i> (Turcz. ex Kunze) Kurata	<i>Marsilea batardae</i> 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.

* *Omphalodes littoralis* Lehm.

* *Onosma tornensis* Javorka

Solenanthus albanicus (Degen & al.) Degen & Baldacci

* *Symphytum cycladense* Pawl.

CAMPANULACEAE

Adenophora lilifolia (L.) Ledeb.

Asyneuma giganteum (Boiss.) Bornm.

* *Campanula bohemica* Hruby

* *Campanula gelida* Kovanda

Campanula romanica Săvul.

* *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 lumitzeri* Wiesb.

Dianthus marizii (Samp.) Samp.

* *Dianthus moravicus* Kovanda

* *Dianthus nitidus* Waldst. et Kit.

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

Dianthus rupicola Biv.

* *Gypsophila papillosa* 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 montsiciana O. Bolos & Rivas Mart.

Petrocoptis pseudoviscosa Fernández Casas

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

* *Silene hicesiae* Brullo & Signorello

Silene hifacensis Rouy ex Willk.

* *Silene holzmanii* Heldr. ex Boiss.

Silene longicilia (Brot.) Otth.

Silene mariana Pau

* *Silene orphanidis* Boiss

* *Silene rothmaleri* Pinto da Silva

* *Silene velutina* Pourret ex Loisel.

CHENOPODIACEAE

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

* *Cremnophyton lanfranconi* 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

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 onopordifolia Besser

* *Carduus myriacanthus* Salzm. ex DC.

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

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

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

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

* *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 kalambakensis* 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 pseudanthesis (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 jacobea L. subsp. *gotlandicus* (Neuman) Sterner

Senecio nevadensis Boiss. & Reuter

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

Tephrosia longifolia (Jacq.) Griseb et Schenk subsp. *moravica*

CONVOLVULACEAE

* *Convolvulus argyrophamnus* Greuter

* *Convolvulus fernandesii* Pinto da Silva & Teles

CRUCIFERAE

Alyssum pyrenaicum Lapeyr.

* *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 tatarae* Borbas

* *Coincya rupestris* Rouy

* *Coronopus navasii* Pau

Crambe tatarica 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 (*Coincya 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* (Gausson) Heslot

DROSERACEAE

Aldrovanda vesiculosa L.

ELATINACEAE

Elatine gussonei (Sommier) Brullo et al

ERICACEAE

Rhododendron luteum Sweet

EUPHORBIACEAE

* *Euphorbia margalidiana* Kuhbier & Lewejohann

Euphorbia transtagana Boiss.

GENTIANACEAE

* *Centaurium rigualii* Esteve

* *Centaurium somedanum* Lainz

Gentiana ligustica R. de Vilm. & Chopinet

Gentianella anglica (Pugsley) E.F. Warburg

* *Gentianella bohemica* Skalicky

GERANIACEAE

* *Erodium astragaloides* 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
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 dirphyia (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 javalambrensis Pau
Sideritis serrata Cav. ex Lag.
Teucrium lepicephalum Pau
Teucrium turredanum Losa & Rivas Goday
* *Thymus camphoratus* Hoffmanns. & Link
Thymus carnosus Boiss.
* *Thymus lotocephalus* 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 peterfii Jáv.
Astragalus tremolsianus Pau
* *Astragalus verrucosus* Moris
* *Cytisus aeolicus* Guss. ex Lindl.
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

- Kosteletzkya 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 radiculatum 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 rouyana* Daveau
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* Gay (*Aconitum napellus* subsp. *corsicum*)

Aconitum firmum (Reichenb.) Neilr 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. Burt

Pulsatilla grandis Wenderoth

Pulsatilla patens (L.) Miller

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

* *Pulsatilla slavica* G. Reuss.

* *Pulsatilla subslavica* Futak ex Goliassova

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 emilii-popii 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

* *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 longiradium* Boiss.
- * *Naufraga balearica* Constans & Cannon

- * *Oenanthe coniooides* Lange
- Petagnia saniculifolia* Guss.
- Rouya polygama* (Desf.) Coincy
- * *Seseli intricatum* Boiss.
- Seseli leucospermum* Waldst. et Kit
- Thorella verticillatundata* (Thore) Briq.

VALERIANACEAE

- Centranthus trinervis* (Viv.) Beguinot

VIOLACEAE

- Viola delphinantha* Boiss.
- * *Viola hispida* Lam.
- Viola jaubertiana* Mares & Vigineix
- 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 suecicum* (H. Arn. & C. Jens.) I. Hag. (o)
- Dichelyma capillaceum* (Dicks) Myr. (o)
- Dicranum viride* (Sull. & Lesq.) Lindb. (o)
- Distichophyllum carinatum* Dix. & Nich. (o)
- 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 tatrensis* 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 monognum Burt & Sund.

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-socasioi* 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 salsoloides* 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

Jasminum azoricum L.

Picconia azorica (Tutin) Knob.

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.

Marcetella 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

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**

VERTEBRATES

MAMMALS	<i>Microtus oeconomus arenicola</i>
INSECTIVORA	<i>Microtus oeconomus mehelyi</i>
Erinaceidae	<i>Microtus tatricus</i>
<i>Erinaceus algirus</i>	Zapodidae
Soricidae	<i>Sicista betulina</i>
<i>Crocidura canariensis</i>	<i>Sicista subtilis</i>
<i>Crocidura sicula</i>	Hystricidae
Talpidae	<i>Hystrix cristata</i>
<i>Galemys pyrenaicus</i>	CARNIVORA
MICROCHIROPTERA	Canidae
All species	<i>Alopex lagopus</i>
MEGACHIROPTERA	<i>Canis lupus</i> (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)
Pteropodidae	Ursidae
<i>Rousettus aegyptiacus</i>	<i>Ursus arctos</i>
RODENTIA	Mustelidae
Gliridae	<i>Lutra lutra</i>
All species except <i>Glis glis</i> and <i>Eliomys quercinus</i>	<i>Mustela eversmannii</i>
Sciuridae	<i>Mustela lutreola</i>
<i>Marmota marmota latirostris</i>	<i>Vormela peregusna</i>
<i>Pteromys volans</i> (<i>Sciuropterus ruscicus</i>)	Felidae
<i>Spermophilus citellus</i> (<i>Citellus citellus</i>)	<i>Felis silvestris</i>
<i>Spermophilus suslicus</i> (<i>Citellus suslicus</i>)	<i>Lynx lynx</i> (except the Estonian population)
<i>Sciurus anomalus</i>	<i>Lynx pardinus</i>
Castoridae	Phocidae
<i>Castor fiber</i> (except the Estonian, Latvian, Lithuanian, Polish, Finnish and Swedish populations)	<i>Monachus monachus</i>
Cricetidae	<i>Phoca hispida saimensis</i>
<i>Cricetus cricetus</i> (except the Hungarian populations)	
<i>Mesocricetus newtoni</i>	
Microtidae	
<i>Dinaromys bogdanovi</i>	
<i>Microtus cabrerae</i>	

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 tatrica*

CETACEA

All species

REPTILES

TESTUDINATA

Testudinidae

*Testudo graeca**Testudo hermanni**Testudo marginata*

Cheloniidae

*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 dugesi**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

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 jaculus

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 cisternasii**Alytes muletensis**Alytes obstetricans**Bombina bombina**Bombina variegata**Discoglossus galganoi* (including *Discoglossus "jeanneae"*)*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*

Bufonidae

*Bufo calamita**Bufo viridis*

Hylidae

*Hyla arborea**Hyla meridionalis**Hyla sarda*

FISH

ACIPENSERIFORMES

Acipenseridae

*Acipenser naccarii**Acipenser sturio*

SALMONIFORMES

Coregonidae

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

CYPRINIFORMES

Cyprinidae

*Anaecypris hispanica**Phoxinus phoxinus*

ATHERINIFORMES

Cyprinodontidae

Valencia hispanica

PERCIFORMES

Percidae

*Gymnocephalus baloni**Romanichthys valsanicola**Zingel asper*

INVERTEBRATES

ARTHROPODS

CRUSTACEA

Isopoda

Armadillidium ghardalensis

INSECTA

Coleoptera

*Bolbelasmus unicornis**Buprestis splendens**Carabus hampei**Carabus hungaricus**Carabus olympiae**Carabus variolosus**Carabus zawadzskii**Cerambyx cerdo**Cucujus cinnaberinus**Dorcadion fulvum cervae**Duvalius gebhardti**Duvalius hungaricus**Dytiscus latissimus**Graphoderus bilineatus**Leptodirus hochenwarti**Pilemia tigrina**Osmoderma eremita**Phryganophilus ruficollis**Probaticus subrugosus**Propomacrus cypriacus**Pseudogaurotina excellens**Pseudoseriscius cameroni**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**Glyphipterix loricatella**Gortyna borelii lunata**Hypodryas maturna*

<i>Hyles hippophaes</i>	<i>Isophya costata</i>
<i>Leptidea morsei</i>	<i>Isophya harzi</i>
<i>Lignyoptera fumidaria</i>	<i>Isophya stysi</i>
<i>Lopinga achine</i>	<i>Myrmecophilus baronii</i>
<i>Lycaena dispar</i>	<i>Odontopodisma rubripes</i>
<i>Lycaena helle</i>	<i>Paracaloptenus caloptenoides</i>
<i>Maculinea arion</i>	<i>Pholidoptera transsylvanica</i>
<i>Maculinea nausithous</i>	<i>Saga pedo</i>
<i>Maculinea teleius</i>	<i>Stenobothrus (Stenobothrodes) eurasius</i>
<i>Melanargia arge</i>	ARACHNIDA
<i>Nymphalis vaualbum</i>	Araneae
<i>Papilio alexanor</i>	<i>Macrothele calpeiana</i>
<i>Papilio hospiton</i>	MOLLUSCS
<i>Parnassius apollo</i>	GASTROPODA
<i>Parnassius mnemosyne</i>	<i>Anisus vorticulus</i>
<i>Phyllometra culminaria</i>	<i>Caseolus calculus</i>
<i>Plebicula golgus</i>	<i>Caseolus commixta</i>
<i>Polymixis rufocincta isolata</i>	<i>Caseolus sphaerula</i>
<i>Polyommatus eroides</i>	<i>Chilostoma banaticum</i>
<i>Proserpinus proserpina</i>	<i>Discula leacockiana</i>
<i>Protorebia afra dalmata</i>	<i>Discula tabellata</i>
<i>Pseudophilotes bavius</i>	<i>Discula testudinalis</i>
<i>Xylomoia strix</i>	<i>Discula turricula</i>
<i>Zerynthia polyxena</i>	<i>Discus defloratus</i>
Mantodea	<i>Discus guerimianus</i>
<i>Apteromantis aptera</i>	<i>Elona quimperiana</i>
Odonata	<i>Geomalacus maculosus</i>
<i>Aeshna viridis</i>	<i>Geomitra moniziana</i>
<i>Cordulegaster heros</i>	<i>Gibbula nivosa</i>
<i>Cordulegaster trinacriae</i>	<i>Hygromia kovacsi</i>
<i>Gomphus graslinii</i>	<i>Idiomela (Helix) subplicata</i>
<i>Leucorrhinia albifrons</i>	<i>Lampedusa imitatrix</i>
<i>Leucorrhinia caudalis</i>	<i>Lampedusa melitensis</i>
<i>Leucorrhinia pectoralis</i>	<i>Leiostyla abbreviata</i>
<i>Lindenia tetraphylla</i>	<i>Leiostyla cassida</i>
<i>Macromia splendens</i>	<i>Leiostyla corneocostata</i>
<i>Ophiogomphus cecilia</i>	<i>Leiostyla gibba</i>
<i>Oxygastra curtisii</i>	<i>Leiostyla lamellosa</i>
<i>Stylurus flavipes</i>	<i>Paladilhia hungarica</i>
<i>Sympetma braueri</i>	<i>Patella ferruginea</i>
Orthoptera	<i>Sadleriana pannonica</i>
<i>Baetica ustulata</i>	<i>Theodoxus prevostianus</i>
<i>Brachytrupes megacephalus</i>	<i>Theodoxus transversalis</i>

BIVALVIA

Anisomyaria

*Lithophaga lithophaga**Pinna nobilis*

Unionoida

*Margaritifera auricularia**Unio crassus*

Dreissenidae

Congeria kusceri

ECHINODERMATA

Echinoidea

Centrostephanus longispinus

(b) PLANTS

Annex IV (b) contains all the plant species listed in Annex II (b) (*) 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.*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 gussichiae* (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 scopulorum* Simsmerh.*Spiranthes aestivalis* (Poiret) L.C.M. Richard

PRIMULACEAE

Androsace cylindrica DC.*Primula glaucescens* Moretti*Primula spectabilis* Tratt.

RANUNCULACEAE

Aquilegia alpina L.

(*) Except bryophytes in Annex II (b).

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 broterana P. Cout.

UMBELLIFERAE

Bunium brevifolium Lowe

VIOLACEAE

Viola athois W. Becker*Viola cazorlensis* Gandoger'

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

'ANNEX II

PART A

ANSERIFORMES

Anatidae

*Anser fabalis**Anser anser**Branta canadensis**Anas penelope**Anas strepera**Anas crecca**Anas platyrhynchos**Anas acuta**Anas querquedula**Anas clypeata**Aythya ferina**Aythya fuligula*

GALLIFORMES

Tetraonidae

*Lagopus lagopus scoticus et hibernicus**Lagopus mutus*

Phasianidae

*Alectoris graeca**Alectoris rufa**Perdix perdix**Phasianus colchicus*

GRUIFORMES

Rallidae

Fulica atra

CHARADRIIFORMES

Scolopacidae

*Lymnocyptes minimus**Gallinago gallinago**Scolopax rusticola*

COLUMBIFORMES

Columbidae

*Columba livia**Columba palumbus*

PART B

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**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

Corvidae

*Garrulus glandarius**Pica pica**Corvus monedula**Corvus frugilegus**Corvus corone*

	BE	BG	CZ	DK	DE	EE	IE	EL	ES	FR	HR	IT	CY	LV	LT	LU	HU	MT	NL	AT	PL	PT	RO	SI	SK	FI	SE	UK
<i>Cygnus olor</i>					+															+								
<i>Anser brachyrhynchus</i>	+			+			+																					+
<i>Anser albifrons</i>	+	+	+	+	+	+	+	+		+			+	+	+		+		+		+		+		+		+	+
<i>Branta bernicla</i>				+	+																							
<i>Netta rufina</i>									+	+																		
<i>Aythya marila</i>	+			+	+		+	+		+				+						+			+					+
<i>Somateria mollissima</i>				+		+	+			+																+	+	
<i>Clangula hyemalis</i>				+		+	+			+				+												+	+	+
<i>Melanitta nigra</i>				+	+	+	+			+				+												+	+	+
<i>Melanitta fusca</i>				+	+		+			+				+												+	+	+
<i>Bucephala clangula</i>				+		+	+	+		+				+	+		+			+			+			+	+	+
<i>Mergus serrator</i>				+			+											+								+	+	
<i>Mergus merganser</i>				+			+																			+	+	
<i>Bonasa bonasia</i>						+				+				+						+	+		+		+	+	+	
<i>Lagopus lagopus lagopus</i>																										+	+	
<i>Tetrao tetrix</i>	+				+					+		+		+						+						+	+	+
<i>Tetrao urogallus</i>		+			+					+		+		+						+			+			+	+	+
<i>Francolinus francolinus</i>													+															
<i>Alectoris barbara</i>									+			+																
<i>Alectoris chukar</i>		+						+		+			+															
<i>Coturnix coturnix</i>		+						+	+	+	+	+	+					+		+		+	+					

	BE	BG	CZ	DK	DE	EE	IE	EL	ES	FR	HR	IT	CY	LV	LT	LU	HU	MT	NL	AT	PL	PT	RO	SI	SK	FI	SE	UK
<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>	+			+	+	+			+								+			+					+		+	
<i>Larus canus</i>				+	+	+																				+	+	
<i>Larus fuscus</i>				+	+																							
<i>Larus argentatus</i>	+			+	+	+								+													+	+
<i>Larus cachinnans</i>									+								+											
<i>Larus marinus</i>				+	+	+																				+	+	
<i>Columba oenas</i>								+	+	+			+									+	+					

	BE	BG	CZ	DK	DE	EE	IE	EL	ES	FR	HR	IT	CY	LV	LT	LU	HU	MT	NL	AT	PL	PT	RO	SI	SK	FI	SE	UK
<i>Streptopelia decaocto</i>		+	+	+	+					+			+				+			+			+		+			
<i>Streptopelia turtur</i>		+						+	+	+		+	+				+			+		+	+					
<i>Alauda arvensis</i>								+		+		+	+				+						+					
<i>Turdus merula</i>								+		+		+	+				+					+					+	
<i>Turdus pilaris</i>						+		+	+	+		+	+				+			+		+	+			+	+	
<i>Turdus philomelos</i>								+	+	+		+	+				+					+	+					
<i>Turdus iliacus</i>								+	+	+		+	+				+					+	+					
<i>Turdus viscivorus</i>								+	+	+			+				+					+	+					
<i>Sturnus vulgaris</i>		+						+	+	+			+				+	+				+	+					
<i>Garrulus glandarius</i>	+			+	+					+	+	+				+	+			+		+	+	+	+		+	+
<i>Pica pica</i>	+	+	+	+	+			+	+	+	+	+	+	+		+	+			+		+	+	+	+	+	+	+
<i>Corvus monedula</i>		+						+	+		+		+							+			+			+	+	+
<i>Corvus frugilegus</i>		+				+				+	+				+		+						+		+		+	+
<i>Corvus corone</i>	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+			+		+	+	+	+	+	+	+

AT = Österreich, BE = Belgique/België, BG = България, CY = Κύπρος, CZ = Česká republika, DE = Deutschland, DK = Danmark, EE = Eesti, ES = España, FI = Suomi/Finland, FR = France, EL = Ελλάδα, HR = Hrvatska, HU = Magyarország, IE = Ireland, IT = Italia, LT = Lietuva, LU = Luxembourg, LV = Latvija, MT = Malta, NL = Nederland, PL = Polska, PT = Portugal, RO = România, SE = Sverige, SI = Slovenija, SK = Slovensko, UK = United Kingdom

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