

ANNEX

ENVIRONMENT

A.NATURE PROTECTION

1. 31979 L 0409: Council Directive 79/409/EEC of 2 April 1979 on the conservation of wild birds (OJ L 103, 25.4.1979, p. 1), as amended by:
 - 11979 H: Act concerning the conditions of accession and the adjustments to the Treaties — Accession of the Hellenic Republic (OJ L 291, 19.11.1979, p. 17),
 - 31981 L 0854: Council Directive 81/854/EEC of 19.10.1981 (OJ L 319, 7.11.1981, p. 3),
 - 11985 I: Act concerning the conditions of accession and the adjustments to the Treaties — Accession of the Kingdom of Spain and the Portuguese Republic (OJ L 302, 15.11.1985, p. 23),
 - 31985 L 0411: Commission Directive 85/411/EEC of 25.7.1985 (OJ L 233, 30.8.1985, p. 33),
 - 31986 L 0122: Council Directive 86/122/EEC of 8.4.1986 (OJ L 100, 16.4.1986, p. 22),
 - 31990 L 0656: Council Directive 90/656/EEC of 4.12.1990 (OJ L 353, 17.12.1990, p. 59),
 - 31991 L 0244: Commission Directive 91/244/EEC of 6.3.1991 (OJ L 115, 8.5.1991, p. 41),
 - 31994 L 0024: Council Directive 94/24/EC of 8.6.1994 (OJ L 164, 30.6.1994, p. 9),
 - 11994 N: Act concerning the conditions of accession and the adjustments to the Treaties — Accession of the Republic of Austria, the Republic of Finland and the Kingdom of Sweden (OJ C 241, 29.8.1994, p. 21),
 - 31997 L 0049: Commission Directive 97/49/EC of 29.7.1997 (OJ L 223, 13.8.1997, p. 9),
 - 12003 T: Act concerning the conditions of accession and the adjustments to the Treaties — Accession of the Czech Republic, the Republic of Estonia, the Republic of Cyprus, the Republic of Latvia, the Republic of Lithuania, the Republic of Hungary, the Republic of Malta, the Republic of Poland, the Republic of Slovenia and the Slovak Republic (OJ L 236, 23.9.2003, p. 33),
 - 32003 R 0807: Council Regulation (EC) No 807/2003 of 14.4.2003 (OJ L 122, 16.5.2003, p. 36).

Annexes I, II/1, II/2, III/1 and III/2 are replaced by the following:

ПРИЛОЖЕНИЕ IIIFORMES

I —

ANEXO Gaviidae

I — *Gavia stellata*

ПŘÍLOHA *Gavia arctica*

I — *Gavia immer*

BILAG

I —

ANHANG

I — I

LISA —

ΠΑΡΑΡΤΗΜΑ

I —

ANNEX

Status: This is the original version (as it was originally adopted).

I —

ANNEXE

I —

ALLEGATO

I — I

PIELIKUMS —

I

PRIEDAS —

I. MELLÉKLET —

ANNESS

I —

BIJLAGE

I —

ZAŁĄCZNIK

I —

ANEXO

I —

ANEXA

I —

PRÍLOHA

I —

PRILOGA

I —

LIITE

I —

BILAGA

I

PODICIPEDIFORMES

Podicipedidae

Podiceps auritus

PROCELLARIIFORMES

Procellariidae

*Pterodroma madeira**Pterodroma feae**Bulweria bulwerii**Calonectris diomedea**Puffinus puffinus mauretanicus (Puffinus mauretanicus)**Puffinus yelkouan**Puffinus assimilis*

Hydrobatidae

*Pelagodroma marina**Hydrobates pelagicus**Oceanodroma leucorhoa**Oceanodroma castro*

PELECANIFORMES

Pelecanidae

*Pelecanus onocrotalus**Pelecanus crispus*

Phalacrocoracidae

Phalacrocorax aristotelis desmarestii

Phalacrocorax pygmeus

CICONIIFORMES

Ardeidae

Botaurus stellaris

Ixobrychus minutus

Nycticorax nycticorax

Ardeola ralloides

Egretta garzetta

Egretta alba (Ardea alba)

Ardea purpurea

Ciconiidae

Ciconia nigra

Ciconia ciconia

Threskiornithidae

Plegadis falcinellus

Platalea leucorodia

PHOENICOPTERIFORMES

Phoenicopteridae

Phoenicopterus ruber

ANSERIFORMES

Anatidae

Cygnus bewickii (Cygnus columbianus bewickii)

Cygnus cygnus

Anser albifrons flavirostris

Anser erythropus

Branta leucopsis

Branta ruficollis

Tadorna ferruginea

Marmaronetta angustirostris

Aythya nyroca

Polysticta stelleri

Mergus albellus (Mergellus albellus)

Oxyura leucocephala

FALCONIFORMES

Pandionidae

Pandion haliaetus

Accipitridae

Pernis apivorus

Elanus caeruleus

Milvus migrans

Milvus milvus

Status: This is the original version (as it was originally adopted).

Haliaeetus albicilla
Gypaetus barbatus
Neophron percnopterus
Gyps fulvus
Aegypius monachus
Circaetus gallicus
Circus aeruginosus
Circus cyaneus
Circus macrourus
Circus pygargus
Accipiter gentilis arrigonii
Accipiter nisus granti
Accipiter brevipes
Buteo rufinus
Aquila pomarina
Aquila clanga
Aquila heliaca
Aquila adalberti
Aquila chrysaetos
Hieraaetus pennatus
Hieraaetus fasciatus

Falconidae

Falco naumanni
Falco vespertinus
Falco columbarius
Falco eleonora
Falco biarmicus
Falco cherrug
Falco rusticolus
Falco peregrinus

GALLIFORMES

Tetraonidae

Bonasa bonasia
Lagopus mutus pyrenaicus
Lagopus mutus helveticus
Tetrao tetrix tetrix
Tetrao urogallus

Phasianidae

Alectoris graeca
Alectoris barbara
Perdix perdix italica
Perdix perdix hispaniensis

GRUIFORMES

Turnicidae

Turnix sylvatica

Gruidae

Grus grus

Rallidae

Porzana porzana

Porzana parva

Porzana pusilla

Crex crex

Porphyrio porphyrio

Fulica cristata

Otididae

Tetrax tetrax

Chlamydotis undulata

Otis tarda

CHARADRIIFORMES

Recurvirostridae

Himantopus himantopus

Recurvirostra avosetta

Burhinidae

Burhinus oedicnemus

Glareolidae

Cursorius cursor

Glareola pratincola

Charadriidae

Charadrius alexandrinus

Charadrius morinellus (Eudromias morinellus)

Pluvialis apricaria

Hoplopterus spinosus

Scolopacidae

Calidris alpina schinzii

Philomachus pugnax

Gallinago media

Limosa lapponica

Numenius tenuirostris

Tringa glareola

Xenus cinereus (Tringa cinerea)

Phalaropus lobatus

Laridae

Larus melanocephalus

Larus genei

Larus audouinii

Larus minutus

Sternidae

*Gelochelidon nilotica (Sterna nilotica)**Sterna caspia**Sterna sandvicensis**Sterna dougallii**Sterna hirundo**Sterna paradisaea**Sterna albifrons**Chlidonias hybridus**Chlidonias niger*

Alcidae

Uria aalge ibericus

PTEROCLIFORMES

Pteroclididae

*Pterocles orientalis**Pterocles alchata*

COLUMBIFORMES

Columbidae

*Columba palumbus azorica**Columba trocaz**Columba bollii**Columba junoniae*

STRIGIFORMES

Strigidae

*Bubo bubo**Nyctea scandiaca**Surnia ulula**Glaucidium passerinum**Strix nebulosa**Strix uralensis**Asio flammeus**Aegolius funereus*

CAPRIMULGIFORMES

Caprimulgidae

Caprimulgus europaeus

APODIFORMES

Apodidae

Apus caffer

CORACIIFORMES

Alcedinidae

Alcedo atthis

Coraciidae

Coracias garrulus

PICIFORMES

Picidae

Picus canus
Dryocopus martius
Dendrocopos major canariensis
Dendrocopos major thanneri
Dendrocopos syriacus
Dendrocopos medius
Dendrocopos leucotos
Picoides tridactylus

PASSERIFORMES

Alaudidae

Chersophilus duponti
Melanocorypha calandra
Calandrella brachydactyla
Galerida theklae
Lullula arborea

Motacillidae

Anthus campestris

Troglodytidae

Troglodytes troglodytes fridariensis

Muscicapidae (Turdinae)

Luscinia svecica
Saxicola dacotiae
Oenanthe leucura
Oenanthe cypriaca
Oenanthe pleschanka

Muscicapidae (Sylviinae)

Acrocephalus melanopogon
Acrocephalus paludicola
Hippolais olivetorum
Sylvia sarda
Sylvia undata
Sylvia melanothorax
Sylvia rueppelli
Sylvia nisoria

Muscicapidae (Muscicapinae)

Ficedula parva
Ficedula semitorquata
Ficedula albicollis

Paridae

Parus ater cypriotes

Status: This is the original version (as it was originally adopted).

Sittidae

Sitta krueperi
Sitta whiteheadi

Certhiidae

Certhia brachydactyla dorotheae

Laniidae

Lanius collurio
Lanius minor
Lanius nubicus

Corvidae

Pyrrhocorax pyrrhocorax

Fringillidae (Fringillinae)

Fringilla coelebs ombriosa
Fringilla teydea

Fringillidae (Carduelinae)

Loxia scotica
Bucanetes githagineus
Pyrrhula murina (Pyrrhula pyrrhula murina)

Emberizidae (Emberizinae)

Emberiza cineracea
Emberiza hortulana
Emberiza caesia

ПРИЛОЖЕНИЕ ANSERIFORMES

II/1 —

ANEXO Anatidae

II/1 — *Anser fabalis*PŘÍLOHA *Anser anser*II/1 — *Branta canadensis*BILAG *Anas penelope*II/1 — *Anas strepera*ANHANG *Anas crecca*II/1 — *Anas platyrhynchos*LISA — *Anas acuta*ΠΑΡΑΡΤΗΜΑ *Anas querquedula*II/1 — *Anas clypeata*ANNEX *Aythya ferina*II/1 — *Aythya fuligula*

ANNEXE

II/1 —

ALLEGATO

II/1 —

PIELIKUMS —

II/1 PRIEDAS —

II/1. MELLÉKLET —

ANNESS

II/1 —

BIJLAGE

II/1 —

ZAŁĄCZNIK

II/1 —

ANEXO II/1 —

ANEXA

II/1 —

PRÍLOHA

II/1 —

PRILOGA

II/1 —

LIITE

II/1 —

BILAGA

II/1

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

ANSERIFORMES

II/2 —

ANEXO Anatidae

II/2 —

Cygnus olor

PRÍLOHA

Anser brachyrhynchus

II/2 —

Anser albifrons

BILAG

Branta bernicla

II/2 —

Netta rufina

ANHANG

Status: This is the original version (as it was originally adopted).

II/2 —	<i>Aythya marila</i>
II/2	<i>Somateria mollissima</i>
LISA —	<i>Clangula hyemalis</i>
ΠΑΡΑΡΤΗΜΑ	<i>Melanitta nigra</i>
II/2 —	<i>Melanitta fusca</i>
ANNEX	<i>Bucephala clangula</i>
II/2 —	<i>Mergus serrator</i>
ANNEXE	<i>Mergus merganser</i>
II/2 —	
ALLEGATO	
II/2 —	
II/2.	
PIELIKUMS —	
II/2 PRIEDAS —	
II/2. MELLÉKLET —	
ANNESS	
II/2 —	
BIJLAGE	
II/2 —	
ZÁŁĄCZNIK	
II/2 —	
ANEXO	
II/2 —	
ANEXA	
II/2 —	
PRÍLOHA	
II/2 —	
PRILOGA	
II/2 —	
LIITE	
II/2 —	
BILAGA	
II/2	
GALLIFORMES	
Meleagridae	
	<i>Meleagris gallopavo</i>
Tetraonidae	
	<i>Bonasa bonasia</i>
	<i>Lagopus lagopus lagopus</i>
	<i>Tetrao tetrix</i>
	<i>Tetrao urogallus</i>
Phasianidae	
	<i>Francolinus francolinus</i>
	<i>Alectoris barbara</i>
	<i>Alectoris chukar</i>
	<i>Coturnix coturnix</i>
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

ANNEX

III/1 —

ANNEXE

III/1 —

ALLEGATO

III/1 —

III/1. PIELIKUMS —

III/1 PRIEDAS —

III/1.

MELLÉKLET —

ANNESS

III/1 —

BIJLAGE

III/1 —

ZAŁĄCZNIK

III/1 —

ANEXO

III/1 —

ANEXA

III /1 —

PRÍLOHA

III/1 —

PRILOGA

III/1 —

LIITE III/1 —

BILAGA

III/1

GALLIFORMES

Tetraonidae

Lagopus lagopus lagopus, scoticus et hibernicus

Phasianidae

*Alectoris rufa**Alectoris barbara**Perdix perdix**Phasianus colchicus*

COLUMBIFORMES

Columbidae

Columba palumbus

ПРИЛОЖЕНИЕ COLUMBIFORMES

III/2 —

ANEXO Anatidae

III/2 — *Anser albifrons albifrons*PŘÍLOHA *Anser anser*III/2 — *Anas penelope*BILAG *Anas crecca*III/2 — *Anas acuta*ANHANG *Anas clypeata*III/2 LISA — *Aythya ferina*

ΠΑΡΑΡΤΗΜΑ ΙΙΙ/2 *Aythya fuligula*
ANNEX *Aythya marila*
ΙΙΙ/2 — *Somateria mollissima*
ANNEXE *Melanitta nigra*
ΙΙΙ/2 —

ALLEGATO

ΙΙΙ/2 —

ΙΙΙ/2 PIELIKUMS —

ΙΙΙ/2 PRIEDAS —

ΙΙΙ/2.

MELLÉKLET —

ANNESS

ΙΙΙ/2 —

BIJLAGE

ΙΙΙ/2 —

ZALĄCZNIK ΙΙΙ/2 —

ANEXO

ΙΙΙ/2 —

ANEXA

ΙΙΙ/2 —

PRÍLOHA

ΙΙΙ/2 —

PRILOGA

ΙΙΙ/2 —

LIITE ΙΙΙ/2 —

BILAGA

ΙΙΙ/2

GALLIFORMES

Tetraonidae

Lagopus mutus

Tetrao tetrix britannicus

Tetrao urogallus

GRUIFORMES

Rallidae

Fulica atra

CHARADRIIFORMES

Charadriidae

Pluvialis apricaria

Scolopacidae

Lymnocyptes minimus

Gallinago gallinago

Scolopax rusticola.

2. 31992 L 0043: 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), as amended by:
 - 11994 N: Act concerning the conditions of accession and the adjustments to the Treaties — Accession of the Republic of Austria, the Republic of Finland and the Kingdom of Sweden (OJ C 241, 29.8.1994, p. 21),

Status: This is the original version (as it was originally adopted).

- 31997 L 0062: Council Directive 97/62/EC of 27.10.1997 (OJ L 305, 8.11.1997, p. 42),
 - 12003 T: Act concerning the conditions of accession and the adjustments to the Treaties — Accession of the Czech Republic, the Republic of Estonia, the Republic of Cyprus, the Republic of Latvia, the Republic of Lithuania, the Republic of Hungary, the Republic of Malta, the Republic of Poland, the Republic of Slovenia and the Slovak Republic (OJ L 236, 23.9.2003, p. 33),
 - 32003 R 1882: Regulation (EC) No 1882/2003 of the European Parliament and of the Council of 29.9.2003 (OJ L 284, 31.10.2003, p. 1).
- (a) Article 1(c)(iii) is replaced by the following:
- (iii) present outstanding examples of typical characteristics of one or more of the nine following biogeographical regions: Alpine, Atlantic, Black Sea, Boreal, Continental, Macaronesian, Mediterranean, Pannonian and Steppic.
- (b) In Article 4(2), the word ‘seven’ is replaced by ‘nine’.
- (c) Annexes I and II are 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⁽¹⁾.

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	* <i>Posidonia</i> beds (<i>Posidonia oceanica</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

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-Salsotea*)
- 15. Salt and gypsum inland steppes
 - 1510 * Mediterranean salt steppes (*Limonieta*)
 - 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*
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 phryganas (*Astragalo-Plantaginetum subulatae*)
- 5420 *Sarcopoterium spinosum* phryganas
- 5430 Endemic phryganas of the *Euphorbio-Verbascion*
6. NATURAL AND SEMI-NATURAL GRASSLAND FORMATIONS
61. Natural grasslands

Status: This is the original version (as it was originally adopted).

- 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

- 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 calchist 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 (<i>Erythronio-Carpinion</i>) |
| 91M0 | Pannonian-Balkan turkey oak –sessile oak forests |
| 91N0 | * Pannonic inland sand dune thicket (<i>Junipero-Populetum 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>Symphyto-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 |
| 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 |
| 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</i> , <i>Ocotea</i>) |
| 9370 | * Palm groves of <i>Phoenix</i> |
| 9380 | Forests of <i>Ilex aquifolium</i> |

Status: This is the original version (as it was originally adopted).

- | | |
|------|--|
| 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 |
| 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 and Macaronesian mountainous coniferous forests |
| 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 |
| 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 |

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
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 latirostris*

* *Pteromys volans (Sciuropterus ruscicus)*

Spermophilus citellus (Citellus citellus)

* *Spermophilus suslicus (Citellus suslicus)*

Castoridae

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

Cricetidae

Mesocricetus newtoni

Microtidae

Microtus cabrerai

* *Microtus oeconomus arenicola*

* *Microtus oeconomus mehelyi*

Microtus tatricus

Status: This is the original version (as it was originally adopted).

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).

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 tatraca*

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

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)
* *Vipera ursinii rakosiensis*

AMPHIBIANS

CAUDATA

Salamandridae

Chioglossa lusitanica
Mertensiella luschani (Salamandra luschani)
* *Salamandra aurorae (Salamandra atra aurorae)*
Salamandrina terdigitata

Status: This is the original version (as it was originally adopted).

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)

Coregonidae

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

Umbridae

- Umbra krameri* (o)

CYPRINIFORMES

Cyprinidae

- Alburnus albidus* (o) (*Alburnus vulturius*)
- Anaocypris hispanica*
- Aspius aspius* (V) (except the Finnish populations)
- Barbus comiza* (V)
- Barbus meridionalis* (V)
- Barbus plebejus* (V)
- Chalcalburnus chalcoides* (o)
- Chondrostoma genei* (o)
- Chondrostoma lusitanicum* (o)
- Chondrostoma polylepis* (o) (including *C. willkommi*)
- 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 lemmingii* (o)
- Rutilus frisii meidingeri* (V)
- Rutilus alburnoides* (o)
- Scardinius graecus* (o)

Status: This is the original version (as it was originally adopted).

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 (*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)

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
Duvalius gebhardti
Duvalius hungaricus
Dytiscus latissimus
Graphoderus bilineatus
Leptodirus hochenwarti
Limoniscus violaceus (o)
Lucanus cervus (o)
Macrolea pubipennis (o)
Mesosa myops (o)
Morimus funereus (o)
* *Osmoderma eremita*
Oxyporus mannerheimii (o)
Pilemia tigrina
* *Phryganophilus ruficollis*
Probaticus subrugosus
Propomacrus cypriacus
* *Pseudogaurotina excellens*
Pseudoseriscius 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

Status: This is the original version (as it was originally adopted).

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)
Glyphipterix loricatella
Gortyna borelii lunata
Graellsia isabellae (V)
Hesperia comma catena (o)
Hypodryas maturna
Leptidea morsei
Lignyopectera fumidaria
Lycaena dispar
Lycaena helle
Maculinea nausithous
Maculinea teleius
Melanargia arge
* *Nymphalis vaualbum*
Papilio hospiton
Phyllometra culminaria
Plebicula golgus
Polymixis rufocincta isolata
Polyommatus eroides
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 kovacsi
Idiomela (Helix) subplicata
Lampedusa imitatrix
* *Lampedusa melitensis*
Leiostyla abbreviata
Leiostyla cassida
Leiostyla corneocostata
Leiostyla gibba
Leiostyla lamellosa
* *Paladilhia hungarica*
Sadleriana pannonica
Theodoxus transversalis
Vertigo angustior (o)

Status: This is the original version (as it was originally adopted).

Vertigo genesii (o)
Vertigo geyeri (o)
Vertigo moulinsiana (o)

BIVALVIA

Unionoida

Margaritifera durrovensis (*Margaritifera margaritifera*) (V)
Margaritifera margaritifera (V)
Unio crassus

Dreissenidae

Congeria kusceri

(b) PLANTS 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.

* *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

Status: This is the original version (as it was originally adopted).

- * *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 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 montsicciana* 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 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
- Artemisia campestris* L. subsp. *bottnica* A.N. Lundström ex Kindb.
- * *Artemisia granatensis* Boiss.
- * *Artemisia laciniata* Willd.
- Artemisia oelandica* (Besser) Komaror
- * *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. Chatzikyriakou
- * *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 pseudanthemis* (Kunze) Willd.
- Hyoseris frutescens* Brullo et Pavone
- * *Jurinea cyanoides* (L.) Reichenb.

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- * *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
- Tephroses longifolia* (Jacq.) Griseb et Schenk subsp. *moravica*

CONVOLVULACEAE

- * *Convolvulus argyrothamnus* 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 tatrae* Borbas
- * *Coincya rupestris* Rouy
- * *Coronopus navasii* Pau
- Crambe tataria* Sebeok
- 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 pienanicum* (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

Status: This is the original version (as it was originally adopted).

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 dirphya (Boiss.) Heldr. ex Halacsy

- * *Nepeta sphaciotica* P. H. Davis
- Origanum dictamnus* L.
- Phlomis brevibracteata* Turrit
- 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

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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 radicum 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* Gayer (*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.

Status: This is the original version (as it was originally adopted).

- * *Pulsatilla subslavica* Futak ex Goliarova
- 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
- Chaenorrhinum 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) Vassilez
- 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 conioides* 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 & 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 gomerytus (Svent.) Holub

Cheirolophus junonianus (Svent.) Holub

Cheirolophus massonianus (Lowe) Hansen & Sund.

Cirsium latifolium Lowe

Helichrysum gossypinum Webb

Helichrysum monogynum Burt & Sund.

Hypochoeris oligocephala (Svent. & Bramw.) Lack

Status: This is the original version (as it was originally adopted).

- * *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 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) 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

Status: This is the original version (as it was originally adopted).

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).

(d) Annexes IV and V are 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
INSECTIVORA

Erinaceidae

Erinaceus algirus

Soricidae

Crocidura canariensis

Crocidura sicula

Talpidae

Galemys pyrenaicus

MICROCHIROPTERA

All species

MEGACHIROPTERA

Pteropodidae

Rousettus aegyptiacus

RODENTIA

Gliridae

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

Sciuridae

Marmota marmota latirostris

Pteromys volans (Sciuropterus 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

Microtus cabreræ
Microtus oeconomus arenicola
Microtus oeconomus mehelyi
Microtus tatricus

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 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

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

Status: This is the original version (as it was originally adopted).

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 kotschy

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

Status: This is the original version (as it was originally adopted).

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

Anaocypris hispanica

Phoxinus phoxinus

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 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

Status: This is the original version (as it was originally adopted).

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

Hyles hippophaes

Leptidea morsei

Lignyopectera 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

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

Sympecma braueri

Orthoptera

Baetica ustulata

Brachytrupes megacephalus

Isophya costata

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

Status: This is the original version (as it was originally adopted).

Elona quimperiana
Geomalacus maculosus
Geomitra moniziana
Gibbula nivosa
Hygromia kovacsi
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

Annex IV (b) contains all the plant species listed in Annex II (b)⁽²⁾ plus those mentioned below:

PTERIDOPHYTA

ASPENIACEAE

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.

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 V

**ANIMAL AND PLANT SPECIES OF COMMUNITY INTEREST
WHOSE TAKING IN THE WILD AND EXPLOITATION
MAY BE SUBJECT TO MANAGEMENT MEASURES**

The species listed in this Annex are indicated:

- by the name of the 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

RODENTIA

Castoridae

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

Cricetidae

Cricetus cricetus (Hungarian populations)

CARNIVORA

Canidae

Canis aureus

Canis lupus (Spanish populations north of the Duero, Greek populations north of the 39th parallel, 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, Bulgarian, Latvian, Lithuanian, Estonian, Polish and Slovak populations)

Mustelidae

Martes martes

Mustela putorius

Felidae

Lynx lynx (Estonian population)

Phocidae

All species not mentioned in Annex IV

Viverridae

Genetta genetta

Herpestes ichneumon

DUPLICIDENTATA

Leporidae

Lepus timidus

ARTIODACTYLA

Bovidae

Capra ibex

Capra pyrenaica (except Capra pyrenaica pyrenaica)

Rupicapra rupicapra (except Rupicapra rupicapra balcanica, Rupicapra rupicapra ornata and Rupicapra rupicapra tatrica)

AMPHIBIANS

ANURA

Ranidae

Rana esculenta

Rana perezi

Rana ridibunda

Rana temporaria

FISH

PETROMYZONIFORMES

Petromyzonidae

Lampetra fluviatilis

Lethenteron zanandrai

ACIPENSERIFORMES

Status: This is the original version (as it was originally adopted).

Acipenseridae

All species not mentioned in Annex IV

CLUPEIFORMES

Clupeidae

Alosa spp.

SALMONIFORMES

Salmonidae

Thymallus thymallus

*Coregonus spp. (except Coregonus oxyrhynchus — anadromous populations
in certain sectors of the North Sea)*

Hucho hucho

Salmo salar (only in fresh water)

CYPRINIFORMES

Cyprinidae

Aspius aspius

Barbus spp.

Pelecus cultratus

Rutilus friesii meidingeri

Rutilus pigus

SILURIFORMES

Siluridae

Silurus aristotelis

PERCIFORMES

Percidae

Gymnocephalus schraetzer

Zingel zingel

INVERTEBRATES

COELENTERATA

CNIDARIA

Corallium rubrum

MOLLUSCA

GASTROPODA — STYLOMMATOPHORA

Helix pomatia

BIVALVIA — UNIONOIDA

Margaritiferidae

Margaritifera margaritifera

Unionidae

Microcondylaea compressa

Unio elongatulus

ANNELIDA

HIRUDINOIDEA — ARHYNCHOBDELLAE

Hirudinidae

Hirudo medicinalis

ARTHROPODA

CRUSTACEA — DECAPODA

Astacidae

Astacus astacus

Austropotamobius pallipes

Austropotamobius torrentium

Scyllaridae

Scyllarides latus

INSECTA — LEPIDOPTERA

Saturniidae

Graellsia isabellae

(b) PLANTS

ALGAE

RHODOPHYTES — RHODOSPHERIA

Lithothamnium coralloides Crouan frat.

Phymatholithon calcareum (Poll.) Adey & McKibbin

LICHENES

CLADONIACEAE

Cladonia L. subgenus *Cladina* (Nyl.) Vain.

BRYOPHYTA

MUSCI — LEUCOBRYACEAE

Leucobryum glaucum (Hedw.) AAngstr.

SPHAGNACEAE

Sphagnum L. spp. (except *Sphagnum pylaisii* Brid.)

PTERIDOPHYTA

Lycopodium spp.

ANGIOSPERMAE

AMARYLLIDACEAE

Galanthus nivalis L.

Narcissus bulbocodium L.

Narcissus juncifolius Lagasca

COMPOSITAE

Arnica montana L.

Artemisia eriantha Tem

Artemisia genipi Weber

Doronicum plantagineum L. subsp. *tournefortii* (Rouy) P. Cout.

Leuzea rhaponticoides Graells

CRUCIFERAE

Alyssum pintadasilvae Dudley.

Malcolmia lacera (L.) DC. subsp. *graccilima* (Samp.) Franco

Murbeckiella pinnatifida (Lam.) Rothm. subsp. *herminii* (Rivas-Martinez)

Greuter & Burdet

GENTIANACEAE

Gentiana lutea L.

IRIDACEAE

Status: This is the original version (as it was originally adopted).

Iris lusitanica Ker-Gawler

LABIATAE

Teucrium salviastrum Schreber subsp. *salviastrum* Schreber

LEGUMINOSAE

Anthyllis lusitanica Cullen & Pinto da Silva

Dorycnium pentaphyllum Scop. subsp. *transmontana* Franco

Ulex densus Welw. ex Webb.

LILIACEAE

Lilium rubrum Lmk

Ruscus aculeatus L.

PLUMBAGINACEAE

Armeria sampaio (Bernis) Nieto Feliner

ROSACEAE

Rubus genevieri Boreau subsp. *herminii* (Samp.) P. Cout.

SCROPHULARIACEAE

Anarrhinum longipedicelatum R. Fernandes

Euphrasia mendonçae Samp.

Scrophularia grandiflora DC. subsp. *grandiflora* DC.

Scrophularia berminii Hoffmanns & Link

Scrophularia sublyrata Brot.

B. INDUSTRIAL POLLUTION CONTROL AND RISK MANAGEMENT

1. 31997 L 0068: Directive 97/68/EC of the European Parliament and of the Council of 16 December 1997 on the approximation of the laws of the Member States relating to measures against the emission of gaseous and particulate pollutants from internal combustion engines to be installed in non-road mobile machinery (OJ L 59, 27.2.1998, p. 1), as amended by:
 - 32001 L 0063: Commission Directive 2001/63/EC of 17.8.2001 (OJ L 227, 23.8.2001, p. 41),
 - 32002 L 0088: Directive 2002/88/EC of the European Parliament and of the Council of 9.12.2002 (OJ L 35, 11.2.2003, p. 28),
 - 12003 T: Act concerning the conditions of accession and the adjustments to the Treaties — Accession of the Czech Republic, the Republic of Estonia, the Republic of Cyprus, the Republic of Latvia, the Republic of Lithuania, the Republic of Hungary, the Republic of Malta, the Republic of Poland, the Republic of Slovenia and the Slovak Republic (OJ L 236, 23.9.2003, p. 33),
 - 32004 L 0026: Directive 2004/26/EC of the European Parliament and of the Council of 21.4.2004 (OJ L 146, 30.4.2004, p. 1).

In Annex VIII, point 1, the list in Section 1 is replaced by the following:

- 1 for Germany
- 2 for France
- 3 for Italy
- 4 for the Netherlands
- 5 for Sweden
- 6 for Belgium

- 7 for Hungary
- 8 for the Czech Republic
- 9 for Spain
- 11 for the United Kingdom
- 12 for Austria
- 13 for Luxembourg
- 17 for Finland
- 18 for Denmark
- 19 for Romania
- 20 for Poland
- 21 for Portugal
- 23 for Greece
- 24 for Ireland
- 26 for Slovenia
- 27 for Slovakia
- 29 for Estonia
- 32 for Latvia
- 34 for Bulgaria
- 36 for Lithuania
- CY for Cyprus
- MT for Malta.

2. 32001 L 0080: Directive 2001/80/EC of the European Parliament and of the Council of 23 October 2001 on the limitation of emissions of certain pollutants into the air from large combustion plants ([OJ L 309, 27.11.2001, p. 1](#)), as amended by:

— 12003 T: Act concerning the conditions of accession and the adjustments to the Treaties — Accession of the Czech Republic, the Republic of Estonia, the Republic of Cyprus, the Republic of Latvia, the Republic of Lithuania, the Republic of Hungary, the Republic of Malta, the Republic of Poland, the Republic of Slovenia and the Slovak Republic ([OJ L 236, 23.9.2003, p. 33](#)).

(a) In Annex I, the following is inserted between the entries for Belgium and the Czech Republic:

Bulgaria	734	1 410	1 300	1 190	- 19	- 25	- 31	- 19	- 25	- 31
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and, between the entries for Portugal and Slovenia:

Romania	561	692	503	518	23	- 10	- 8	23	- 10	- 8
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Status: This is the original version (as it was originally adopted).

- (b) In Annex II, the following is inserted between the entries for Belgium and the Czech Republic:

Bulgaria	155	125	95	- 19	- 39	- 19	- 39
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and, between the entries for Portugal and Slovenia:

Romania	135	135	77	- 1	- 43	- 1	- 43
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3. 32001 L 0081: 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), as amended by:

— 12003 T: Act concerning the conditions of accession and the adjustments to the Treaties — Accession of the Czech Republic, the Republic of Estonia, the Republic of Cyprus, the Republic of Latvia, the Republic of Lithuania, the Republic of Hungary, the Republic of Malta, the Republic of Poland, the Republic of Slovenia and the Slovak Republic (OJ L 236, 23.9.2003, p. 33).

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

‘ANNEX National emission ceilings for SO₂, NO_x, VOC and NH₃, to be obtained by 2010. 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 Community area 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.’

Country	SO ₂ Kilotonnes	NO _x Kilotonnes	VOCKilotonnes	NH ₃ Kilotonnes
Belgium	991 761 3			
Republic	265 286 220 80			
Denmark	55 127 856 9			
Germany	5201 051 995 550			
Estonia	100 604 929			
Greece	523 344 261 73			
Spain	746 847 662 353			
France	375 810 105 078 0			
Ireland	42 655 511 6			
Italy	475 990 115 941 9			
Cyprus	392 314 09			
Latvia	101 611 364 4			
Lithuania	145 110 928 4			
Luxembourg	411 97			
Hungary	50 397 879 800 468			
Portugal	160 250 180 90			
Romania	91 843 752 321 0			
Slovenia	274 540 20			
Slovakia	110 130			
Kingdom	5851 1671 200297			

EC 278 2979 0038 8484 294

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

	‘SO ₂ Kilotonnes	NO _x Kilotonnes	VOCKilotonnes
EC 27 ^a	7 832	8 180	7 585

^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.’

- (1) “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.
- (2) Except bryophytes in Annex II (b).