

13.—ENVIRONMENT

BA. 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 I – ANEXO I – PRÍLOHA I – BILAG I – ANHANG I – I LISA –
ΠΑΡΑΡΤΗΜΑ I – ANNEX 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

(a)

GAVIIFORMES

Gaviidae

Gavia stellata

Gavia arctica

Gavia immer

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

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
Hieraetus pennatus
Hieraetus fasciatus

Falconidae

Falco naumanni
Falco vespertinus
Falco columbarius
Falco eleonorae
Falco biarmicus
Falco cherrug
Falco rusticola
Falco peregrinus

GALLIFORMES

Tetraonidae

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

Phasianidae

Alectoris graeca
Alectoris barbara
Perdix perdix italicica
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

Pteroclidae

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

Sittidae

Sitta krueperi

Sitta whiteheadi

Certhiidae

Certhia brachydactyla dorothaea

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 II/1 – ANEXO II/1 – PŘÍLOHA II/1 – BILAG II/1 – ANHANG II/1 – II/1 LISA –
ПАРАРТХМА II/1 – ANNEX II/1 – ANNEXE II/1 – ALLEGATO II/1 – 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

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
Lymnocryptes minimus
Gallinago gallinago
Scolopax rusticola

COLUMBIFORMES

Columbidae
Columba livia
Columba palumbus

ПРИЛОЖЕНИЕ II/2 – ANEXO II/2 – PŘÍLOHA II/2 – BILAG II/2 – ANHANG II/2 – II/2 LISA –
ПАРАРТМА II/2 – ANNEX II/2 – ANNEXE II/2 – ALLEGATO II/2 – II/2. PIELIKUMS –
II/2 PRIEDAS – II/2. MELLÉKLET – ANNESS II/2 – BIJLAGE II/2 – ZAŁĄCZNIK II/2 –
ANEXO II/2 – ANEXA II/2 – PRÍLOHA II/2 – PRILOGA II/2 – LIITE II/2 – BILAGA II/2

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	GR	ES	FR	IE	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>					+		+	+		+	+				+	+		+			+			+		+	+	+

	BE	BG	CZ	DK	DE	EE	GR	ES	FR	IE	IT	CY	LV	LT	LU	HU	MT	NL	AT	PL	PT	RO	SI	SK	FI	SE	UK
<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>		+						+	+	+		+	+					+		+		+	+				
<i>Meleagris gallopavo</i>			+		+														+					+			

	BE	BG	CZ	DK	DE	EE	GR	ES	FR	IE	IT	CY	LV	LT	LU	HU	MT	NL	AT	PL	PT	RO	SI	SK	FI	SE	UK
<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>					+					+																	

	BE	BG	CZ	DK	DE	EE	GR	ES	FR	IE	IT	CY	LV	LT	LU	HU	MT	NL	AT	PL	PT	RO	SI	SK	FI	SE	UK
<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>								+	+	+				+										+	+		
<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>								+	+	+			+	+				+				+	+				

	BE	BG	CZ	DK	DE	EE	GR	ES	FR	IE	IT	CY	LV	LT	LU	HU	MT	NL	AT	PL	PT	RO	SI	SK	FI	SE	UK
<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, GR = Ελλάδα, 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

+ = Странни-членки, които съгласно член 7, параграф 3 могат да разрешават ловуване на изброените видове.

+ = Estados miembros que pueden autorizar, conforme al apartado 3 del artículo 7, la caza de las especies enumeradas.

+ = Členské státy, které mohou podle čl. 7 odst. 3 povolit lov uvedených druhů.

+ = Medlemsstater, som i overensstemmelse med artikel 7, stk. 3, kan give tilladelse til jagt på de anførte arter.

- + = Mitgliedstaaten, die nach Artikel 7 Absatz 3 die Bejagung der aufgeführten Arten zulassen können.
- + = Liikmesriigid, kes võivad artikli 7 lõike 3 alusel lubada loetelus nimetatud liikidele jahipidamist.
- + = Κράτη Μέλη που δύνανται να επιτρέψουν, σύμφωνα με το Άρθρο 7 παρ. 3, το κυνήγι των ειδών που αριθμούνται.
- + = Member States which under Article 7(3) may authorize hunting of the species listed.
- + = États membres pouvant autoriser, conformément à l'article 7 paragraphe 3, la chasse des espèces énumérées.
- + = Stati membri che possono autorizzare, conformemente all'articolo 7, paragrafo 3, la caccia delle specie elencate.
- + = Dalībvalstis, kurās saskaņā ar 7. panta 3. punktu ir atļautas sarakstā minēto sugu medības.
- + = Šalys narės, kurios pagal 7 straipsnio 3 punktą gali leisti medžioti išvardintas rūšis.
- + = Tagállamok, melyek a 7. cikkének (3) bekezdése alapján engedélyezhetik a listán szereplő fajok vadászatát.
- + = Stati Membri li bis-saħħha ta' l-Artikolu 7(3) jistgħu jawtorizzaw kaċċa ta' l-ispeċċi indikati.
- + = Lid-Staten die overeenkomstig artikel 7, lid 3, toestemming mogen geven tot het jagen op de genoemde soorten.
- + = Państwa członkowskie, które na mocy art. 7 ust. 3 mogą udzielić zezwolenia na polowanie na wyliczone gatunki.
- + = Estados-membros que podem autorizar, conforme o no 3 do artigo 7º, acaça das espécies enumeradas.
- + = Statele membre care, conform articolului 7 paragraful 3, pot autoriza vânarea speciilor enumerate.
- + = Členské štáty, ktoré podľa článku 7 odseku 3 môžu povoliť poľovanie na uvedené druhy.
- + = Države članice, ki po členu 7(3) lahko dovolijo lov na navedene vrste.
- + = Jäsenvaltiot, jotka 7 artiklan 3 kohdan perusteella voivt sallia luettelossa mainittujen laijien metsästyksen.
- + = Medlemsstater, som enligt artikel 7.3-, får tillåta jakt på de angivna arterna.

ПРИЛОЖЕНИЕ III/1 – ANEXO III/1 – PŘÍLOHA III/1 – BILAG III/1 – ANHANG III/1 –
III/1 LISA – ПАРАРТМА III/1 – 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

ANSERIFORMES

Anatidae

Anas platyrhynchos

GALLIFORMES

Tetraonidae

Lagopus lagopus lagopus, scoticus et hibernicus

Phasianidae

Alectoris rufa

Alectoris barbara

Perdix perdix

Phasianus colchicus

COLUMBIFORMES

Columbidae

Columba palumbus

ПРИЛОЖЕНИЕ III/2 – ANEXO III/2 – PŘÍLOHA III/2 – BILAG III/2 – ANHANG III/2 –
III/2 LISA – ПАРАРТМА III/2 – ANNEX III/2 – ANNEXE III/2 – ALLEGATO III/2 –
III/2 PIELIKUMS – III/2 PRIEDAS – III/2. MELLÉKLET – ANNESS III/2 – BIJLAGE III/2 –
ZAŁĄCZNIK III/2 – ANEXO III/2 – ANEXA III/2 – PRÍLOHA III/2 – PRILOGA III/2 –
LIITE III/2 – BILAGA III/2

ANSERIFORMES

Anatidae

- Anser albifrons albifrons*
Anser anser
Anas penelope
Anas crecca
Anas acuta
Anas clypeata
Aythya ferina
Aythya fuligula
Aythya marila
Somateria mollissima
Melanitta nigra

GALLIFORMES

Tetraonidae

- Lagopus mutus*
Tetrao tetrix britannicus
Tetrao urogallus

GRUIFORMES

Rallidae

- Fulica atra*

CHARADRIIFORMES

Charadriidae

- Pluvialis apricaria*

Scolopacidae

- Lymnocryptes 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),
- 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, Pannonic and Steppic."

(b) (b)—In Article 4(2), the word "seven" is replaced by "nine".

(c) (e)—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 "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.

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
 - 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-Salsolatea*)
-
- 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 (*Littorellatalia 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
- ~~31B0 * Sacred 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 *Chenopodium 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
 6110 * Rupicolous calcareous or basophilic grasslands of the *Alyssso-Sedion albi*
 6120 * Xeric sand calcareous grasslands
 6130 Calaminarian grasslands of the *Violetalia calaminariae*
 6140 Siliceous Pyrenean *Festuca eskia* grasslands
 6150 Siliceous alpine and boreal grasslands
 6160 Oro-Iberian *Festuca indigesta* grasslands
 6170 Alpine and subalpine calcareous grasslands
 6180 Macaronesian mesophile grasslands
 6190 Rupicolous pannonic grasslands (*Stipo-Festucetalia pallentis*)
62. Semi-natural dry grasslands and scrubland facies
 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
- ~~6290 Western Pontic Paeonian steppes~~
- 62A0 Eastern sub-Mediterranean dry grasslands (*Scorzoneratalia villosae*)
- 62B0 * Serpentinophilous grassland of Cyprus
- 62C0 * Ponto-Sarmatic steppes
- 62D0 Oro-Moesian acidophilous grasslands
63. Sclerophillous 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 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 Taiga
 - 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 <i>Alnus glutinosa</i> and <i>Fraxinus excelsior</i> (<i>Alno-Padion</i> , <i>Alnion incanae</i> , <i>Salicion albae</i>)
91F0	Riparian mixed forests of <i>Quercus robur</i> , <i>Ulmus laevis</i> and <i>Ulmus minor</i> , <i>Fraxinus excelsior</i> or <i>Fraxinus angustifolia</i> , along the great rivers (<i>Ulmenion minoris</i>)
91G0	* Pannonic woods with <i>Quercus petraea</i> and <i>Carpinus betulus</i>
91H0	* Pannonian woods with <i>Quercus pubescens</i>
91I0	* Euro-Siberian steppic woods with <i>Quercus</i> spp.
91J0	* <i>Taxus baccata</i> woods of the British Isles
91K0	Illyrian <i>Fagus sylvatica</i> forests (<i>Aremonio-Fagion</i>)
91L0	Illyrian oak-hornbeam forests (<i>Erythronio-carpinion<u>Carpinion</u></i>)
91M0	Pannonian-Balkanic 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>Sympyto-Fagion</i>)
91W0	Moesian beech forests
91X0	<u>Dobrogean</u> beech forests
91Y0	Dacian oak & hornbeam forests
91Z0	Moesian silver lime woods
91AA	<u>Eastern</u> white oak woods
91BA	Moesian silver fir forests
91CA	Rhodopide and Balkan Range Scots pine forests
92.	Mediterranean deciduous forests
9210	* Apennine 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>
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*aegyptiacus

RODENTIA

Gliridae

Myomimus roachi

Sciuridae

* *Marmota marmota latirostris*

* *Pteromys volans (Sciuropterus russicus)*

Spermophilus citellus (Citellus citellus)

* *Spermophilus suslicus (Citellus suslicus)*

Castoridae

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

Cricetidae

Mesocricetus newtoni

Microtidae

Microtus cabrerae

* *Microtus oeconomus arenicola*

* *Microtus oeconomus mehelyi*

Microtus tatricus

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 eversmanii

* *Mustela lutreola*

Vormela peregusna

Felidae

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

* *Lynx pardinus*

Phocidae

Halichoerus grypus ~~(V)~~(V)

* *Monachus monachus*

Phoca hispida bottnica ~~(V)~~(V)

* *Phoca hispida saimensis*

Phoca vitulina ~~(V)~~(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 ornata*~~)

Rupicapra rupicapra balcanica

* *Rupicapra rupicapra tatraica*

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

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

Hydromantes (Speleomantes) supramontes

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. 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*)
Anaecypris 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. willkommii~~ *C. willkommii*)
Chondrostoma soetta (o)
Chondrostoma toxostoma (o)
Gobio albipinnatus (o)
Gobio kessleri (o)
Gobio uranoscopus (o)
Iberocypris palaciosi (o)
* *Ladigesocypris ghigii* (o)
Leuciscus lucumonis (o)
Leuciscus souffia (o)
Pelecus cultratus (V)
Phoxinellus spp. (o)
* *Phoxinus percnurus*
Rhodeus sericeus amarus (o)
Rutilus pigus (V)
Rutilus rubilio (o)
Rutilus arcasii (o)
Rutilus macrolepidotus (o)
Rutilus lemmingii (o)
Rutilus frisii meidingeri (V)
Rutilus alburnoides (o)
Scardinius graecus (o)

Cobitidae

Cobitis elongata (o)
Cobitis taenia (o) (except the Finnish populations)
Cobitis trichonica (o)
Misgurnus fossilis (o)

Sabanejewia aurata (o)

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

SILURIFORMES

Siluridae

Silurus aristotelis (V)

ATHERINIFORMES

Cyprinodontidae

Aphanius iberus (o)

Aphanius fasciatus (o)

* *Valencia hispanica*

* *Valencia letourneuxi* (*Valencia hispanica*)

PERCIFORMES

Percidae

Gymnocephalus baloni

Gymnocephalus schraetzer (V)

* *Romanichthys valsanicola*

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

Gobiidae

Knipowitschia (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 zawadzkii

Cerambyx cerdo

Corticaria planula (o)

Cucujus cinnaberinus

Dorcadion fulvum cervae

Duvalius gebhardti

Duvalius hungaricus

Dytiscus latissimus
Graphoderus bilineatus
Leptodirus hochenwarti
Limoniscus violaceus (o)
Lucanus cervus (o)
Macroplea pubipennis (o)
Mesosa myops (o)
Morimus funereus (o)
* *Osmoderma eremita*
Oxyporus mannerheimii (o)
Pilemia tigrina
* *Phryganophilus ruficollis*
Probaticus subrugosus
Propomacrus cypriacus
* *Pseudogaurotina excellens*
Pseudosericius cameroni
Pytho kolwensis
Rhysodes sulcatus (o)
* *Rosalia alpina*
Stephanopachys linearis (o)
Stephanopachys substriatus (o)
Xyletinus tremulicola (o)

Hemiptera

Aradus angularis (o)

Lepidoptera

Agriades glandon aquilo (o)
Arytrura musculus
* *Callimorpha (Euplagia, Panaxia) quadripunctaria* (o)
Catopta thrips
Chondrosoma fiduciarium
Clossiana improba (o)
Coenonympha oedippus

Colias myrmidone
Cucullia mixta
Dioszeghyana schmidtii
Erannis ankeraria
Erebia calcaria
Erebia christi
Erebia medusa polaris (o)
Eriogaster catax
Euphydryas (Eurodryas, Hypodryas) aurinia (o)
Glyphipteryx loricatella
Gortyna borelii lunata
Graellsia isabellae (V)
Hesperia comma catena (o)
Hypodryas maturna
Leptidea morsei
Lignyoptera 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 stysistysii
Myrmecophilus baronii
Odontopodisma rubripes
Paracaloptenus caloptenoides
Pholidoptera transsylvanica
Stenobothrus (Stenobothrodes) eurasius

ARACHNIDA

Pseudoscorpiones

Anthrenochernes stellae (θ)(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)
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 liliifolia* (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 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 Fernandez 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) 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) Dostál

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

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

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

* *Centaurea balearica* J. D. Rodriguez

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

* *Centaurea citricolor* Font Quer

Centaurea corymbosa Pourret

Centaurea gadorensis G. Blanca

* *Centaurea horrida* Badaro

Centaurea immanuelis-loewii Degen

Centaurea jankae Brandza

* *Centaurea 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.
 * *Jurinea fontqueri* Cuatrec.
 * *Lamyropsis microcephala* (Moris) Dittrich & Greuter
Leontodon microcephalus (Boiss. ex DC.) Boiss.
Leontodon boryi Boiss.
 * *Leontodon siculus* (Guss.) Finch & Sell
Leuzea longifolia Hoffmanns. & Link
Ligularia sibirica (L.) Cass.
 * *Palaeocyanus crassifolius* (Bertoloni) Dostal
Santolina impressa Hoffmanns. & Link
Santolina semidentata Hoffmanns. & Link
Saussurea alpina subsp. *esthonica* (Baer ex Rupr) Kupffer
 * *Senecio elodes* Boiss. ex DC.
Senecio jacobaea L. subsp. *gotlandicus* (Neuman) Sternier
Senecio nevadensis Boiss. & Reuter
 * *Serratula lycopifolia* (Vill.) A.Kern
Tephroseris longifolia (Jacq.) Griseb et Schenk subsp. *moravica*

CONVOLVULACEAE

- * *Convolvulus argyrothamnus* Greuter
 * *Convolvulus fernandesii* Pinto da Silva & Teles

CRUCIFERAE

Alyssum pyrenaicum Lapeyr.

* *Arabis kennedyae* Meikle

Arabis sadina (Samp.) P. Cout.

Arabis scopoliana Boiss

* *Biscutella neustriaca* Bonnet

Biscutella vincentina (Samp.) Rothm.

Boleum asperum (Pers.) Desvaux

Brassica glabrescens Poldini

Brassica hilarionis Post

Brassica insularis Moris

* *Brassica macrocarpa* Guss.

Braya linearis Rouy

* *Cochlearia polonica* E. Fröhlich

* *Cochlearia tatrae* Borbas

* *Coincyda rupestris* Rouy

* *Coronopus navasii* Pau

Crambe tataria Sebeok

Diplotaxis ibicensis (Pau) Gomez-Campo

* *Diplotaxis siettiana* Maire

Diplotaxis vicentina (P. Cout.) Rothm.

Draba cacuminum Elis Ekman

Draba cinerea Adams

Draba dorneri Heuffel.

Erucastrum palustre (Pirona) Vis.

* *Erysimum pieninicium* (Zapal.) Pawl.

* *Iberis arbuscula* Runemark

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

* *Jonopsidium acaule* (Desf.) Reichenb.

Jonopsidium savianum (Caruel) Ball ex Arcang.

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

Sisymbrium cavanillesianum Valdes & Castroviejo

Sisymbrium supinum L.

Thlaspi jankae A.Kern.

CYPERACEAE

Carex holostoma Drejer

* *Carex panormitana* Guss.

Eleocharis carniolica Koch

DIOSCOREACEAE

* *Borderea chouardii* (Gauss) Heslot

DROSERACEAE

Aldrovanda vesiculosa L.

ELATINACEAE

Elatine gussonei (Sommier) Brullo et al

ERICACEAE

Rhododendron luteum Sweet

EUPHORBIACEAE

* *Euphorbia margalidiana* Kuhbier & Lewejohann

Euphorbia Eurphorbia-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 Fernandez-Gonzalez & 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. ssp₁ *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 cypricus Boiss. et Kotschy

Crocus hartmannianus Holmboe

Gladiolus palustris Gaud.

Iris aphylla L. subsp. *hungarica* Hegi

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

JUNCACEAE

Juncus valvatus Link

Luzula arctica Blytt

LABIATAE

Dracocephalum austriacum L.

* *Micromeria taygetea* P. H. Davis

Nepeta dirphya (Boiss.) Heldr. ex Halacsy

* *Nepeta sphaciotica* P. H. Davis

Origanum dictamnus L.

Phlomis brevibracteata Turril

Phlomis cypria Post

Salvia veneris Hedge

Sideritis cypria Post

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

Sideritis javalambreensis 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 Jav.
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. Rodriguez

LENTIBULARIACEAE

- * *Pinguicula crystallina* Sm.
Pinguicula nevadensis (Lindb.) Casper

LILIACEAE

- Allium grosii* Font Quer
* *Androcymbium rechingeri* Greuter
* *Asphodelus bento-rainhae* P. Silva
* *Chionodoxa lochiae* Meikle in Kew Bull.
Colchicum arenarium Waldst. et Kit.
Hyacinthoides vicentina (Hoffmans. & Link) Rothm.
* *Muscari gussonei* (Parl.) Tod.
Scilla litardierei Breist.
* *Scilla morrisii* Meikle
Tulipa cypria Stapf
Tulipa hungarica Borbas

LINACEAE

- * *Linum dolomiticum* Borbas
- * *Linum muelleri* Moris (*Linum maritimum muelleri*)

LYTHRACEAE

- * *Lythrum flexuosum* Lag.

MALVACEAE

- Kosteletzkyia pentacarpos* (L.) Ledeb.

NAJADACEAE

- Najas flexilis* (Willd.) Rostk. & W.L. Schmidt
- Najas tenuissima* (A. Braun) Magnus

OLEACEAE

- Syringa josikaea* Jacq. Fil. ex Reichenb.

ORCHIDACEAE

- Anacamptis urvilleana* Sommier et Caruana Gatto
- Calypso bulbosa* L.
- * *Cephalanthera cucullata* Boiss. & Heldr.
- Cypripedium calceolus* L.
- Dactylorhiza kalopissii* E.Nelson
- Gymnigritella runei* Teppner & Klein
- Himantoglossum adriaticum* Baumann
- Himantoglossum caprinum* (Bieb.) V.Koch
- Liparis loeselii* (L.) Rich.
- * *Ophrys kotschyi* H.Fleischm. et Soo
- * *Ophrys lunulata* Parl.
- Ophrys melitensis* (Salkowski) J et P Devillers-Terschuren
- Platanthera obtusata* (Pursh) subsp. *oligantha* (Turez.) Hulten

OROBANCHACEAE

- Orobanche densiflora* Salzm. ex Reut. ~~Salzmann ex Reuter in DC.~~

PAEONIACEAE

- Paeonia cambessedesii* (Willk.) Willk.
Paeonia clusii F.C. Stern subsp. *rhodia* (Stearn) Tzanoudakis
Paeonia officinalis L. subsp. *banatica* (Rachel) Soo
Paeonia parnassica Tzanoudakis

PALMAE

- Phoenix theophrasti* Greuter

PAPAVERACEAE

- Corydalis gotlandica* Lidén
Papaver laestadianum (Nordh.) Nordh.
Papaver radicatum Rottb. subsp. *hyperboreum* Nordh.

PLANTAGINACEAE

- Plantago algarbiensis* Sampaio (*Plantago bracteosa* (Willk.) G. Sampaio)
Plantago almogravensis Franco

PLUMBAGINACEAE

- Armeria berlengensis* Daveau
* *Armeria helodes* Martini & Pold
Armeria neglecta Girard
Armeria pseudarmeria (Murray) Mansfeld
* *Armeria 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.) Neirl subsp. *moravicum* Skalicky

Adonis distorta Ten.

Aquilegia bertolonii Schott

Aquilegia kitaibelii Schott

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

* *Consolida samia* P.H. Davis

* *Delphinium caseyi* B.L.Burtt

Pulsatilla grandis Wenderoth *Pulsatilla patens* (L.) Miller

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

* *Pulsatilla slavica* G.Reuss.

* *Pulsatilla subslavica* Futak ex Goliasova

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

Ranunculus kykkoensis Meikle

Ranunculus lapponicus L.

* *Ranunculus weyleri* Mares

RESEDACEAE

**Reseda decursiva* Forssk.

ROSACEAE

- Agrimonia pilosa* Ledebour
Potentilla delphinensis Gren. & Godron
Potentilla emiliae-poppii Nyárády
* *Pyrus magyarica* Terpo
Sorbus teodorii Liljefors

RUBIACEAE

- Galium cracoviense* Ehrend.
* *Galium litorale* Guss.
Galium moldavicum (Dobrescu) Franco
* *Galium sudeticum* Tausch
* *Galium viridiflorum* Boiss. & Reuter

SALICACEAE

- Salix salvifolia* Brot. subsp. *australis* Franco

SANTALACEAE

- Thesium ebracteatum* Hayne

SAXIFRAGACEAE

- Saxifraga berica* (Beguinot) D.A. Webb
Saxifraga florulenta Moretti
Saxifraga hirculus L.
Saxifraga osloënsis Knaben
Saxifraga tombeanensis Boiss. ex Engl.

SCROPHULARIACEAE

- Antirrhinum charidemi* Lange
Chaenorhinum serpyllifolium (Lange) Lange subsp. *lusitanicum* R. Fernandes
* *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. Valdes & 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 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 longisetia 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 monogynum Burtt & 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-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 & Fernandez Galvan

POLYGONACEAE

Rumex azoricus Rech. fil.

RHAMNACEAE

Frangula azorica Tutin

ROSACEAE

* *Bencomia brachystachya* Svent.

Bencomia sphaerocarpa Svent.

* *Chamaemeles coriacea* Lindl.

Dendriopoterium pulidoi Svent.

Marcketella maderensis (Born.) Svent.

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

Sorbus maderensis (Lowe) Dode

SANTALACEAE

Kunkeliella subsucculenta Kammer

SCROPHULARIACEAE

- * *Euphrasia azorica* H.C. Watson
- Euphrasia grandiflora* Hochst. in Seub.
- * *Isoplexis chalcantha* Svent. & O'Shanahan
- Isoplexis isabelliana* (Webb & Berthel.) Masferrer
- Odontites holliana* (Lowe) Benth.
- Sibthorpia peregrina* L.

SOLANACEAE

- * *Solanum lidii* Sunding

UMBELLIFERAE

- Ammi trifoliatum* (H. C. Watson) Trelease
- Bupleurum handiense* (Bolle) Kunkel
- Chaerophyllum azoricum* Trelease
- Ferula latipinna* Santos
- Melanoselinum decipiens* (Schrader & Wendl.) Hoffm.
- Monizia edulis* Lowe
- Oenanthe divaricata* (R. Br.) Mabb.
- Sanicula azorica* Guthnick ex Seub.

VIOLACEAE

- Viola paradoxa* Lowe

LOWER PLANTS

BRYOPHYTA

- * *Echinodium spinosum* (Mitt.) Jur. (o)
- * *Thamnobryum fernandesii* Sergio (o)"

(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 lattrostris

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 cabrerae

Microtus oeconomus arenicola

Microtus oeconomus mehelyi

Microtus taticus

Zapodidae

Sicista betulina

Sicista subtilis

Hystricidae

Hystrix cristata

CARNIVORA

Canidae

Alopex lagopus

Canis lupus (except the Greek populations north of the 39th parallel; Estonian populations, Spanish populations north of the Duero; Bulgarian, Latvian, Lithuanian, Polish, Slovak populations and Finnish populations within the reindeer management area as defined in paragraph 2 of the Finnish Act No 848/90 of 14 September 1990 on reindeer management)

Ursidae

Ursus arctos

Mustelidae

Lutra lutra

Mustela eversmanii

Mustela lutreola

Vormela peregusna

Felidae

Felis silvestris

Lynx lynx (except the Estonian population)

Lynx pardinus

Phocidae

Monachus monachus

Phoca hispida saimensis

ARTIODACTYLA

Cervidae

Cervus elaphus corsicanus

Bovidae

Bison bonasus
Capra aegagrus (natural populations)
Capra pyrenaica pyrenaica
Ovis gmelini musimon (*Ovis ammon musimon*) (natural populations – Corsica and Sardinia)
Ovis orientalis ophion (*Ovis gmelini ophion*)
Rupicapra pyrenaica ornata (*Rupicapra rupicapra ornata*)
Rupicapra rupicapra balcanica
Rupicapra rupicapra tatra

CETACEA

All species

REPTILES

TESTUDINATA

Testudinidae

Testudo graeca
Testudo hermanni
Testudo marginata

Cheloniidae

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 dugesii
Lacerta graeca
Lacerta horvathi
Lacerta schreiberi
Lacerta trilineata
Lacerta viridis
Lacerta vivipara pannonica
Ophisops elegans
Podarcis erhardii
Podarcis filfolensis
Podarcis hispanica atrata
Podarcis lilfordi
Podarcis melisellensis
Podarcis milensis
Podarcis muralis
Podarcis peloponnesiaca
Podarcis pityusensis
Podarcis sicula
Podarcis taurica

Podarcis tiliguerta

Podarcis wagleriana

Scincidae

Ablepharus kitaibeli *kitaibelli*

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 *supramontes*

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 percnurus

ATHERINIFORMES

Cyprinodontidae

Valencia hispanica

PERCIFORMES

Percidae

Gymnocephalus baloni

Romanichthys valsanicola

Zingel asper

Gymnocephalus baloni

INVERTEBRATES

ARTHROPODS

CRUSTACEA

Isopoda

Armadillidium ghardalamensis

INSECTA

Coleoptera

Bolbelasmus unicornis

Buprestis splendens

Carabus hampei

Carabus hungaricus

Carabus olympiae

Carabus variolosus

Carabus zawadzkii

Cerambyx cerdo

Cucujus cinnaberinus

Dorcadion fulvum cervae

Duvalius gebhardti

Duvalius hungaricus
Dytiscus latissimus
Graphoderus bilineatus
Leptodirus hochenwarti
Pilemia tigrina
Osmoderma eremita
Phryganophilus ruficollis
Probaticus subrugosus
Propomacrus cypriacus
Pseudogaurotina excellens
Pseudosericius 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
Hyles hippophaes
Leptidea mormon

Lignyoptera fumidaria
Lopinga achine
Lycaena dispar
Lycaena helle
Maculinea arion
Maculinea nausithous
Maculinea teleius
Melanargia arge
Nymphalis vaualbum
Papilio alexanor
Papilio hospiton
Parnassius apollo
Parnassius mnemosyne
Phyllometra culminaria
Plebicula golgus
Polymixis rufocincta isolata
Polyommatus eroides
Proserpinus proserpina
Pseudophilotes bavius
Xylomoia strix
Zerynthia polyxena

Mantodea

Apteromantis aptera

Odonata

Aeshna viridis
Cordulegaster heros
Cordulegaster trinacriae
Gomphus graslinii
Leucorrhinia Leucorrhina-albifrons
Leucorrhinia Leucorrhina-caudalis
Leucorrhinia Leucorrhina-pectoralis
Lindenia tetraphylla
Macromia splendens

Ophiogomphus cecilia

Oxygastra curtisii

Stylurus flavipes

Sympetrum braueri

Orthoptera

Baetica ustulata

Brachytrupes megacephalus

Isophya costata

Isophya harzi

Isophya stysistysii

Myrmecophilus baronii

Odontopodisma rubripes

Paracaloptenus caloptenoides

Pholidoptera transsylvanica

Saga pedo

Stenobothrus (Stenobothrodes) eurasius

ARACHNIDA

Araneae

Macrothele calpeiana

MOLLUSCS

GASTROPODA

Anisus vorticulus

Caseolus calculus

Caseolus commixta

Caseolus sphaerula

Chilostoma banaticum

Discula leacockiana

Discula tabellata

Discula testudinalis

Discula turricula

Discus defloratus

Discus guerinianus
Elona quimperiana
Geomalacus maculosus
Geomitra moniziana
Gibbula nivosa
Hygromia kovacsi
Idiomela (Helix) subplicata
Lampedusa imitatrix
Lampedusa melitensis
Leiostyla abbreviata
Leiostyla cassida
Leiostyla corneocostata
Leiostyla gibba
Leiostyla lamellosa
Paladilhia hungarica
Patella ferrugineaferuginea
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)⁽¹⁾ plus those mentioned below:

⁽¹⁾ Except bryophytes in Annex II (b).

PTERIDOPHYTA

ASPLENIACEAE

Asplenium hemionitis L.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 ~~europeum~~ (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 caazorlensis 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

DUPPLICIDENTATA

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 tatraica*)

AMPHIBIANS

ANURA

Ranidae

Rana esculenta

Rana perezi

Rana ridibunda

Rana temporaria

FISH

PETROMYZONIFORMES

Petromyzonidae

Lampetra fluviatilis

Lethenteron zanandrai

ACIPENSERIFORMES

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 - STYLOMMAТОPHORA

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

RHODOPHYTA

CORALLINACEAE

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 rhabonticoides 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

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".

EB. 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	1734	1410	1300	1190	-19	-25	-31	-19	-25	-31"
-----------	------	------	------	------	-----	-----	-----	-----	-----	------

and, between the entries for Portugal and Slovenia:

"Romania	{561	692	503	518	23	-10	-8	23	-10	-8}"
----------	------	-----	-----	-----	----	-----	----	----	-----	------

[Note: The targets for Romania are provided on a provisional basis and for this reason are in square brackets. These figures will be reviewed once the chapter Environment has been provisionally closed with Romania]

- (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"
-----------	-----	-----	----	-----	-----	-----	------

and, between the entries for Portugal and Slovenia:

"Romania	{135	135	77	-1	-43	-1	-43}"
----------	------	-----	----	----	-----	----	-------

[Note: The targets for Romania are provided on a provisional basis and for this reason are in square brackets. These figures will be reviewed once the chapter Environment has been provisionally closed with Romania]

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 I

National emission ceilings for SO₂, NO_x, VOC and NH₃, to be obtained 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
Greece	523	344	261	73
Spain	746	847	662	353
France	375	810	1 050	780
Ireland	42	65	55	116
Italy	475	990	1 159	419
Cyprus	39	23	14	09
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
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
EC 27	8 297	9 003	8 848	4 294

⁽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 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.

(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.".

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

"

	SO ₂ Kilotonnes	NO _x Kilotonnes	VOC Kilotonnes
EC 27 ⁽¹⁾	7 832	8 180	7 585

(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.".