Suppliment tal-Gazzetta tal-Gvern ta' Malta Nru. 18,432, 2 ta' Ġunju, 2009
Taqsima B

A.L. 162 tal-2009

ATT DWAR IL-ĦARSIEN TA' L-AMBJENT (KAP. 435)

ATT DWAR L-IPPJANAR TA' L-IŻVILUPP (KAP. 356)

Regolamenti tal-2009 li jemendaw ir-Regolamenti dwar il-Protezzjoni tal-Flora, Fawna u Ambjenti Naturali

BIS-SAĦĦA tas-setgħat mogħtija bl-artikoli 9 u 11 tal-Att dwar il-Ħarsien tal-Ambjent, hawn aktar 'il quddiem msejjaħ "l-Att", u l-artikolu 60 tal-Att dwar l-Ippjanar ta' l-Iżvilupp, il-Prim Ministru għamel ir-regolamenti li ġejjin:-

Titolu.

1. It-titolu ta' dawn ir-regolamenti hu Regolamenti tal-2009 li jemendaw ir-Regolamenti dwar il-Protezzjoni tal-Flora, Fawna u Ambjenti Naturali, u għandhom jinqraw u jinftehmu ħaġa waħda mar-Regolamenti tal-2006 dwar il-Protezzjoni tal-Flora, Fawna u Ambjenti Naturali, hawn aktar 'il quddiem imsejħa "ir-regolamenti prinċipali".

A.L. 311 tal-2006.

Għan.

2. Dawn ir-regolamenti jimplimentaw il-provvedimenti tad-Direttiva tal-Kunsill 2006/105/KE b'adozzjoni tad-Direttivi 73/239/KEE, 74/557/KEE u 2002/83/KE fil-qasam ta' l-ambjent, u dan minħabba fl-adeżjoni tal-Bulgarija u r-Rumanija ma' l-Unjoni Ewropea fl-2007.

Jissostwixxu Skedi I, II, V u VII li jinsabu mar-regolamenti prinċipali.

3. Minflok Skedi I, II, V u VII li jinsabu mar-regolamenti prinċipali għandhom jidħlu dawn l-iskedi li ġejjin:–

"Skeda I

NATURAL HABITAT TYPES 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' published by the European Commission.
- The code corresponds to the Natura 2000 code.
- The sign '*' indicates priority habitat types.

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 of Directive 92/43/EEC ("Habitats Committee") and published by the European Commission .

The code corresponds to the NATURA 2000 code.

The sign "*" indicates priority habitat types.

1. COASTAL AND HALOPHYTIC HABITATS

11. **Open sea and tidal areas**

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

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

1130 Estuaries

1140 Mudflats and sandflats not covered by seawater at low tide

1150 * Coastal lagoons

1160 Large shallow inlets and bays

1170 Reefs

1180 Submarine structures made by leaking gases

12. **Sea cliffs and shingle or stony beaches**

1210 Annual vegetation of drift lines

1220 Perennial vegetation of stony banks

1230 Vegetated sea cliffs of the Atlantic and Baltic Coasts

1240 Vegetated sea cliffs of the Mediterranean coasts with endemic *Limonium* spp.

1250 Vegetated sea cliffs with endemic flora of the Macaronesian coasts

13. **Atlantic and continental salt marshes and salt meadows**

1310 *Salicornia* and other annuals colonizing mud and sand

1320 *Spartina* swards (*Spartinion maritimae*)

1330 Atlantic salt meadows (*Glauco-Puccinellietalia maritimae*)

1340 * Inland salt meadows

14. **Mediterranean and thermo-Atlantic salt marshes and salt meadows**

1410 Mediterranean salt meadows (*Juncetalia maritimi*)

1420 Mediterranean and thermo-Atlantic halophilous scrubs (*Sarcocornetea fruticosi*)

1430 Halo-nitrophilous scrubs (*Pegano-Salsoletea*)

15. **Salt and gypsum inland steppes**

1510 * Mediterranean salt steppes (*Limonietalia*)

1520 * Iberian gypsum vegetation (*Gypsophiletalia*)

1530 * Pannonic salt steppes and salt marshes

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

1610 Baltic esker islands with sandy, rocky and shingle beach vegetation and sublittoral vegetation

1620 Boreal Baltic islets and small islands

1630 * Boreal Baltic coastal meadows

1640 Boreal Baltic sandy beaches with perennial vegetation

1650 Boreal Baltic narrow inlets

2. COASTAL SAND DUNES AND INLAND DUNES

21. **Sea dunes of the Atlantic, North Sea and Baltic coasts**

2110 Embryonic shifting dunes

2120 Shifting dunes along the shoreline with *Ammophila arenaria* ("white dunes")

2130 * Fixed coastal dunes with herbaceous vegetation ("grey dunes")

2140 * Decalcified fixed dunes with *Empetrum nigrum*

2150 * Atlantic decalcified fixed dunes (*Calluno-Ulicetea*)

2160 Dunes with *Hippophaë rhamnoides*

2170 Dunes with *Salix repens* ssp. *argentea* (*Salicion arenariae*)

2180 Wooded dunes of the Atlantic, Continental and Boreal region

2190 Humid dune slacks

21A0 Machairs (* in Ireland)

22. **Sea dunes of the Mediterranean coast**

2210 *Crucianellion maritimae* fixed beach dunes

2220 Dunes with *Euphorbia terracina*

2230 *Malcolmietalia* dune grasslands

2240 *Brachypodietalia* dune grasslands with annuals

2250 * Coastal dunes with *Juniperus* spp.

2260 *Cisto-Lavenduletalia* dune sclerophyllous scrubs

2270 * Wooded dunes with *Pinus pinea* and/or *Pinus pinaster*

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

2310 Dry sand heaths with *Calluna* and *Genista*

2320 Dry sand heaths with *Calluna* and *Empetrum nigrum*

2330 Inland dunes with open *Corynephorus* and *Agrostis* grasslands

2340 * Pannonic inland dunes

3. FRESHWATER HABITATS

31. **Standing water**

3110 Oligotrophic waters containing very few minerals of sandy plains (*Littorelletalia uniflorae*)

3120 Oligotrophic waters containing very few minerals generally on sandy soils of the West Mediterranean, with *Isoetes* spp.

3130 Oligotrophic to mesotrophic standing waters with vegetation of the *Littorelletea uniflorae* and/or of the *Isoëto-Nanojuncetea*

3140 Hard oligo-mesotrophic waters with benthic vegetation of *Chara* spp.

3150 Natural eutrophic lakes with *Magnopotamion* or *Hydrocharition* — type vegetation

3160 Natural dystrophic lakes and ponds

3170 * Mediterranean temporary ponds

3180 * Turloughs

3190 Lakes of gypsum karst

31A0 * Transylvanian hot-spring lotus beds

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

3210 Fennoscandian natural rivers

3220 Alpine rivers and the herbaceous vegetation along their banks

3230 Alpine rivers and their ligneous vegetation with *Myricaria germanica*

3240 Alpine rivers and their ligneous vegetation with *Salix elaeagnos*

3250 Constantly flowing Mediterranean rivers with *Glaucium flavum*

3260 Water courses of plain to montane levels with the *Ranunculion fluitantis* and *Callitricho-Batrachion* vegetation

3270 Rivers with muddy banks with *Chenopodion rubri* p.p. and *Bidention* p.p. vegetation

3280 Constantly flowing Mediterranean rivers with *Paspalo-Agrostidion* species and hanging curtains of *Salix* and *Populus alba*

3290 Intermittently flowing Mediterranean rivers of the *Paspalo-Agrostidion*

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 *Alysso-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. **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 Taïga

9020 * Fennoscandian hemiboreal natural old broad-leaved deciduous forests (*Quercus, Tilia, Acer, Fraxinus or Ulmus*) rich in epiphytes

9030 * Natural forests of primary succession stages of landupheaval coast

9040 Nordic subalpine/subarctic forests with *Betula pubescens* ssp. *czerepanovii*

9050 Fennoscandian herb-rich forests with *Picea abies*

9060 Coniferous forests on, or connected to, glaciofluvial eskers

9070 Fennoscandian wooded pastures

9080 * Fennoscandian deciduous swamp woods

91. **Forests of Temperate Europe**

9110 *Luzulo-Fagetum* beech forests

9120 Atlantic acidophilous beech forests with *Ilex* and sometimes also *Taxus* in the shrublayer (*Quercion robori-petraeae or Ilici-Fagenion*)

9130 *Asperulo-Fagetum* beech forests

9140 Medio-European subalpine beech woods with *Acer* and *Rumex arifolius*

9150 Medio-European limestone beech forests of the *Cephalanthero-Fagion*

9160 Sub-Atlantic and medio-European oak or oak-hornbeam forests of the *Carpinion betuli*

9170 *Galio-Carpinetum* oak-hornbeam forests

9180 * *Tilio-Acerion* forests of slopes, screes and ravines

9190 Old acidophilous oak woods with *Quercus robur* on sandy plains

91A0 Old sessile oak woods with *Ilex* and *Blechnum* in the British Isles

91B0 Thermophilous *Fraxinus angustifolia* woods

91C0 * Caledonian forest

91D0 * Bog woodland

91E0 * Alluvial forests with *Alnus glutinosa* and *Fraxinus excelsior* (*Alno-Padion, Alnion incanae, Salicion albae*)

91F0 Riparian mixed forests of *Quercus robur, Ulmus laevis* and *Ulmus minor, Fraxinus excelsior* or *Fraxinus angustifolia*, along the great rivers (*Ulmenion minoris*)

91G0 * Pannonic woods with *Quercus petraea* and *Carpinus betulus*

91H0 * Pannonian woods with *Quercus pubescens*

91I0 * Euro-Siberian steppic woods with *Quercus* spp.

91J0 * *Taxus baccata* woods of the British Isles

91K0 Illyrian *Fagus sylvatica* forests (*Aremonio-Fagion*)

91L0 Illyrian oak-hornbeam forests (*Erythronio-Carpinion*)

91M0 Pannonian-Balkanic turkey oak –sessile oak forests

91N0 * Pannonic inland sand dune thicket (*Junipero-Populetum albae*)

91P0 Holy Cross fir forest (*Abietetum polonicum*)

91Q0 Western Carpathian calcicolous *Pinus sylvestris* forests

91R0 Dinaric dolomite Scots pine forests (*Genisto januensis-Pinetum*)

91S0 * Western Pontic beech forests

91T0 Central European lichen Scots pine forests

91U0 Sarmatic steppe pine forest

91V0 Dacian Beech forests (*Symphyto-Fagion*)

91W0 Moesian beech forests

91X0 * Dobrogean beech forests

91Y0 Dacian oak & hornbeam forests

91Z0 Moesian silver lime woods

91AA * Eastern white oak woods

91BA Moesian silver fir forests

91CA Rhodopide and Balkan Range Scots pine forests

92. **Mediterranean deciduous forests**

9210 * Apeninne beech forests with *Taxus* and *Ilex*

9220 * Apennine beech forests with *Abies alba* and beech forests with *Abies nebrodensis*

9230 Galicio-Portuguese oak woods with *Quercus robur* and *Quercus pyrenaica*

9240 *Quercus faginea* and *Quercus canariensis* Iberian woods

9250 *Quercus trojana* woods

9260 *Castanea sativa* woods

9270 Hellenic beech forests with *Abies borisii-regis*

9280 *Quercus frainetto* woods

9290 *Cupressus* forests (*Acero-Cupression*)

92A0 *Salix alba* and *Populus alba* galleries

92B0 Riparian formations on intermittent Mediterranean water courses with *Rhododendron ponticum, Salix* and others

92C0 *Platanus orientalis* and *Liquidambar orientalis* woods (*Platanion orientalis*)

92D0 Southern riparian galleries and thickets (*Nerio-Tamaricetea* and *Securinegion tinctoriae*)

93. **Mediterranean sclerophyllous forests**

9310 Aegean *Quercus brachyphylla* woods

9320 *Olea* and *Ceratonia* forests

9330 *Quercus suber* forests

9340 *Quercus ilex* and *Quercus rotundifolia* forests

9350 *Quercus macrolepis* forests

9360 * Macaronesian laurel forests (*Laurus, Ocotea*)

9370 * Palm groves of *Phoenix*

9380 Forests of *Ilex aquifolium*

9390 * Scrub and low forest vegetation with *Quercus alnifolia*

93A0 Woodlands with *Quercus infectoria* (*Anagyro foetidae-Quercetum infectoriae*)

94. **Temperate mountainous coniferous forests**

9410 Acidophilous *Picea* forests of the montane to alpine levels (*Vaccinio-Piceetea*)

9420 Alpine *Larix decidua* and/or *Pinus cembra* forests

9430 Subalpine and montane *Pinus uncinata* forests (* if on gypsum or limestone)

95. **Mediterranean and Macaronesian mountainous coniferous forests**

9510 * Southern Apennine *Abies alba* forests

9520 *Abies pinsapo* forests

9530 * (Sub-) Mediterranean pine forests with endemic black pines

9540 Mediterranean pine forests with endemic Mesogean pines

9550 Canarian endemic pine forests

9560 * Endemic forests with *Juniperus* spp.

9570 * *Tetraclinis articulata* forests

9580 * Mediterranean *Taxus baccata* woods

9590 * *Cedrus brevifolia* forests (*Cedrosetum brevifoliae*)

95A0 High oro-Mediterranean pine forests

Skeda II

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

Interpretation

(a) Schedule II follows on from Schedule I for the establishment of a consistent network of special areas of conservation of international importance.

(b) The species listed in this Schedule are indicated:
- by the Scientific name of the species or subspecies, or
- by all the species belonging to a higher taxon or to a designated part of that taxon.

Where required, scientific synonyms of each species or lower taxon are included in square brackets after the scientific name. These are included to facilitate interpretation of the scientific information provided.

Other references to taxa higher than genus and/or species are for the purposes of information or classification only.

(c) A number of scientific names are followed by the abbreviations 'auct. fl. Melit.' which refers to the scientific name(s) with which that particular taxon is and/or was recorded in Maltese biodiversity literature; this scientific name is also of legal value, since in some cases, it represents the only reference to species whose proper scientific identification is still uncertain.

(d) Symbols and Abbreviations
- An asterisk (*) before the name of a species or subspecies indicates that it is a priority species.
- The abbreviation 'spp.' after the name of a family or genus designates all the species belonging to that family or genus.
- The abbreviation "(s.l.)", meaning *sensu lato*' is used to indicate that the scientific name is used in its most extended meaning.
- Most species listed in this schedule are also listed in Schedule V. Where a species appears in this Schedule but does not appear in either Schedule V or Schedule VII, the species name is followed by the symbol (o); where a species which appears in this schedule also appears in Schedule V but does not appear in Schedule VII, 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 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)

** Monachus monachus*

Phoca hispida bottnica (V)

** Phoca hispida saimensis*

Phoca vitulina (V)

ARTIODACTYLA

Cervidae

** Cervus elaphus corsicanus*

Rangifer tarandus fennicus (o)

Bovidae

** Bison bonasus*

Capra aegagrus (natural populations)

** Capra pyrenaica pyrenaica*

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

Ovis orientalis ophion (Ovis gmelini ophion)

** Rupicapra pyrenaica ornata (Rupicapra rupicapra ornata)*

Rupicapra rupicapra balcanica

** Rupicapra rupicapra tatrica*

CETACEA

Phocoena phocoena

Tursiops truncatus

REPTILES

CHELONIA (TESTUDINES)

Testudinidae

Testudo graeca

Testudo hermanni

Testudo marginata

Cheloniidae

** Caretta caretta*

** Chelonia mydas*

Emydidae

Emys orbicularis

Mauremys caspica

Mauremys leprosa

SAURIA

Lacertidae

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

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)*

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. 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)

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)

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 zawadszkii

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*

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

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

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 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)
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

* *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.

* *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

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

* *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 pieninicum* (Zapal.) Pawl.

* *Iberis arbuscula* Runemark

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

* *Jonopsidium acaule* (Desf.) Reichenb.

Jonopsidium savianum (Caruel) Ball ex Arcang.

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

Sisymbrium cavanillesianum Valdés & Castroviejo

Sisymbrium supinum L.

Thlaspi jankae A.Kern.

CYPERACEAE

Carex holostoma Drejer

* *Carex panormitana* Guss.

Eleocharis carniolica Koch

DIOSCOREACEAE

* *Borderea chouardii* (Gaussen) Heslot

DROSERACEAE

Aldrovanda vesiculosa L.

ELATINACEAE

Elatine gussonei (Sommier) Brullo et al

ERICACEAE

Rhododendron luteum Sweet

EUPHORBIACEAE

* *Euphorbia margalidiana* Kuhbier & Lewejohann

Euphorbia transtagana Boiss.

GENTIANACEAE

* *Centaurium rigualii* Esteve

* *Centaurium somedanum* Lainz

Gentiana ligustica R. de Vilm. & Chopinet

Gentianella anglica (Pugsley) E. F. Warburg

* *Gentianella bohemica* Skalicky

GERANIACEAE

* *Erodium astragaloides* Boiss. & Reuter

Erodium paularense Fernández-González & Izco

* *Erodium rupicola* Boiss.

GLOBULARIACEAE

* *Globularia stygia* Orph. ex Boiss.

GRAMINEAE

Arctagrostis latifolia (R. Br.) Griseb.

Arctophila fulva (Trin.) N. J. Anderson

Avenula hackelii (Henriq.) Holub

Bromus grossus Desf. ex DC.

Calamagrostis chalybaea (Laest.) Fries

Cinna latifolia (Trev.) Griseb.

Coleanthus subtilis (Tratt.) Seidl

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

Festuca duriotagana Franco & R. Afonso

Festuca elegans Boiss.

Festuca henriquesii Hack.

Festuca summilusitana Franco & R. Afonso

Gaudinia hispanica Stace & Tutin

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

Micropyropsis tuberosa Romero — Zarco & Cabezudo

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

* *Poa riphaea* (Ascher et Graebner) Fritsch

Pseudarrhenatherum pallens (Link) J. Holub

Puccinellia phryganodes (Trin.) Scribner + Merr.

Puccinellia pungens (Pau) Paunero

* *Stipa austroitalica* Martinovsky

* *Stipa bavarica* Martinovsky & H. Scholz

Stipa danubialis Dihoru & Roman

* *Stipa styriaca* Martinovsky

* *Stipa veneta* Moraldo

* *Stipa zalesskii* Wilensky

Trisetum subalpestre (Hartman) Neuman

GROSSULARIACEAE

* *Ribes sardoum* Martelli

HIPPURIDACEAE

Hippuris tetraphylla L. Fil.

HYPERICACEAE

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

IRIDACEAE

Crocus cyprius Boiss. et Kotschy

Crocus hartmannianus Holmboe

Gladiolus palustris Gaud.

Iris aphylla L. subsp. *hungarica* Hegi

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

JUNCACEAE

Juncus valvatus Link

Luzula arctica Blytt

LABIATAE

Dracocephalum austriacum L.

* *Micromeria taygetea* P. H. Davis

Nepeta 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 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 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

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 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.) 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.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 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.

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

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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) 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 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)

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 thalassophylum (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.

* *Onorpordum 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

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).'

Skeda V

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

Interpretation

1. The abbreviation "spp." following the name of a genus is used to denote all species within that genus.
2. Other references to taxa higher than genus and/or species are for the purposes of information or classification only.
3. The abbreviation "(s.l.)", meaning '*sensu lato*' is used to indicate that the scientific name is used in its most extended meaning.
4. Where required, scientific synonyms of each species or lower taxon are included in square brackets after the scientific name. These are included to facilitate interpretation of the scientific information provided.

(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 cabrerae

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 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 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

Lacerta vivipara pannonica

Ophisops elegans

Podarcis erhardii

Podarcis filfolensis

Podarcis hispanica atrata

Podarcis lilfordi

Podarcis melisellensis

Podarcis milensis

Podarcis muralis

Podarcis peloponnesiaca

Podarcis pityusensis

Podarcis sicula

Podarcis taurica

Podarcis tiliguerta

Podarcis wagleriana

Scincidae

Ablepharus kitaibelii

Chalcides bedriagai

Chalcides ocellatus

Chalcides sexlineatus

Chalcides simonyi (Chalcides occidentalis)

Chalcides viridianus

Ophiomorus punctatissimus

Gekkonidae

Cyrtopodion kotschyi

Phyllodactylus europaeus

Tarentola angustimentalis

Tarentola boettgeri

Tarentola delalandii

Tarentola gomerensis

Agamidae

Stellio stellio

Chamaeleontidae

Chamaeleo chamaeleon

Anguidae

Ophisaurus apodus

OPHIDIA

Colubridae

- *Coluber caspius*
- *Coluber cypriensis*
- *Coluber hippocrepis*
- *Coluber jugularis*
- *Coluber laurenti*
- *Coluber najadum*
- *Coluber nummifer*
- *Coluber viridiflavus*
- *Coronella austriaca*
- *Eirenis modesta*
- *Elaphe longissima*
- *Elaphe quatuorlineata*
- *Elaphe situla*
- *Natrix natrix cetti*
- *Natrix natrix corsa*
- *Natrix natrix cypriaca*
- *Natrix tessellata*
- *Telescopus falax*

Viperidae

- *Vipera ammodytes*
- *Macrovipera schweizeri (Vipera lebetina schweizeri)*
- *Vipera seoanni* (except Spanish populations)
- *Vipera ursinii*
- *Vipera xanthina*

Boidae

- *Eryx jaculus*

AMPHIBIANS

CAUDATA

Salamandridae

- *Chioglossa lusitanica*
- *Euproctus asper*
- *Euproctus montanus*
- *Euproctus platycephalus*
- *Mertensiella luschani (Salamandra luschani)*
- *Salamandra atra*
- *Salamandra aurorae*
- *Salamandra lanzai*
- *Salamandrina terdigitata*
- *Triturus carnifex (Triturus cristatus carnifex)*
- *Triturus cristatus (Triturus cristatus cristatus)*
- *Triturus italicus*
- *Triturus karelinii (Triturus cristatus karelinii)*
- *Triturus marmoratus*
- *Triturus montandoni*
- *Triturus vulgaris ampelensis*

Proteidae

- *Proteus anguinus*

Plethodontidae

- *Hydromantes (Speleomantes) ambrosii*
- *Hydromantes (Speleomantes) flavus*
- *Hydromantes (Speleomantes) genei*
- *Hydromantes (Speleomantes) imperialis*
- *Hydromantes (Speleomantes) strinatii (Hydromantes (Speleomantes) italicus)*
- *Hydromantes (Speleomantes) supramontis*

ANURA

Discoglossidae

- *Alytes cisternasii*
- *Alytes muletensis*
- *Alytes obstetricans*
- *Bombina bombina*
- *Bombina variegata*
- *Discoglossus galganoi* (including *Discoglossus "jeanneae"*)
- *Discoglossus montalentii*
- *Discoglossus pictus*
- *Discoglossus sardus*

Ranidae

- *Rana arvalis*
- *Rana dalmatina*
- *Rana graeca*
- *Rana iberica*
- *Rana italica*
- *Rana latastei*
- *Rana lessonae*

Pelobatidae

- *Pelobates cultripes*
- *Pelobates fuscus*
- *Pelobates syriacus*

Bufonidae

- *Bufo calamita*
- *Bufo viridis*

Hylidae

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

FISH

ACIPENSERIFORMES

Acipenseridae

Acipenser naccarii

Acipenser sturio

SALMONIFORMES

Coregonidae

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

CYPRINIFORMES

Cyprinidae

Anaecypris hispanica

Phoxinus percnurus

ATHERINIFORMES

Cyprinodontidae

Valencia hispanica

PERCIFORMES

Percidae

Gymnocephalus baloni

Romanichthys valsanicola

Zingel asper

INVERTEBRATES

ARTHROPODS

CRUSTACEA

Isopoda

Armadillidium ghardalamensis

INSECTA

Coleoptera

Bolbelasmus unicornis

Buprestis splendens

Carabus hampei

Carabus hungaricus

Carabus olympiae

Carabus variolosus

Carabus zawadszkii

Cerambyx cerdo

Cucujus cinnaberinus

Dorcadion fulvum cervae

Duvalius gebhardti

Duvalius hungaricus

Dytiscus latissimus

Graphoderus bilineatus

Leptodirus hochenwarti

Pilemia tigrina

Osmoderma eremita

Phryganophilus ruficollis

Probaticus subrugosus

Propomacrus cypriacus

Pseudogaurotina excellens

Pseudoseriscius cameroni

Pytho kolwensis

Rosalia alpina

Lepidoptera

Apatura metis

Arytrura musculus

Catopta thrips

Chondrosoma fiduciarium

Coenonympha hero

Coenonympha oedippus

Colias myrmidone

Cucullia mixta

Dioszeghyana schmidtii

Erannis ankeraria

Erebia calcaria

Erebia christi

Erebia sudetica

Eriogaster catax

Fabriciana elisa

Glyphipterix loricatella

Gortyna borelii lunata

Hypodryas maturna

Hyles hippophaes

Leptidea morsei

Lignyoptera fumidaria

Lopinga achine

Lycaena dispar

Lycaena helle

Maculinea arion

Maculinea nausithous

Maculinea teleius

Melanargia arge
Nymphalis vaualbum
Papilio alexanor
Papilio hospiton
Parnassius apollo
Parnassius mnemosyne
Phyllometra culminaria
Plebicula golgus
Polymixis rufocincta isolata
Polyommatus eroides
Proserpinus proserpina
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
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

Schedule V (b) contains all the lant species listed in Schedule II (b) except for the bryophytes, plus these mentioned below:

PTERIDOPHYTA

ASPLENIACEAE

Asplenium hemionitis L.

ANGIOSPERMAE

AGAVACEAE

Dracaena draco (L.) L.

AMARYLLIDACEAE

Narcissus longispathus Pugsley
Narcissus triandrus L.

BERBERIDACEAE

Berberis maderensis Lowe

CAMPANULACEAE

Campanula morettiana Reichenb.
Physoplexis comosa (L.) Schur.

CARYOPHYLLACEAE

Moehringia fontqueri Pau

COMPOSITAE

Argyranthemum pinnatifidum (L.f.) Lowe subsp. *succulentum* (Lowe) C. J. Humphries
Helichrysum sibthorpii Rouy
Picris willkommii (Schultz Bip.) Nyman
Santolina elegans Boiss. ex DC.
Senecio caespitosus Brot.
Senecio lagascanus DC. subsp. *lusitanicus* (P. Cout.) Pinto da Silva
Wagenitzia lancifolia (Sieber ex Sprengel) Dostal

CRUCIFERAE

Murbeckiella sousae Rothm.

EUPHORBIACEAE

Euphorbia nevadensis Boiss. & Reuter

GESNERIACEAE

Jankaea heldreichii (Boiss.) Boiss.
Ramonda serbica Pancic

IRIDACEAE

Crocus etruscus Parl.
Iris boissieri Henriq.
Iris marisca Ricci & Colasante

LABIATAE

Rosmarinus tomentosus Huber-Morath & Maire
Teucrium charidemi Sandwith
Thymus capitellatus Hoffmanns. & Link
Thymus villosus L. subsp. *villosus* L.

LILIACEAE

Androcymbium europaeum (Lange) K. Richter
Bellevalia hackelli Freyn
Colchicum corsicum Baker
Colchicum cousturieri Greuter
Fritillaria conica Rix
Fritillaria drenovskii Degen & Stoy.
Fritillaria gussichiae (Degen & Doerfler) Rix
Fritillaria obliqua Ker-Gawl.
Fritillaria rhodocanakis Orph. ex Baker
Ornithogalum reverchonii Degen & Herv.-Bass.
Scilla beirana Samp.
Scilla odorata Link

ORCHIDACEAE

Ophrys argolica Fleischm.
Orchis scopulorum Simsmerh.
Spiranthes aestivalis (Poiret) L. C. M. Richard

PRIMULACEAE

Androsace cylindrica DC.
Primula glaucescens Moretti
Primula spectabilis Tratt.

RANUNCULACEAE

Aquilegia alpina L.

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

Skeda VII

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 Schedule are indicated:

a) by the name of species or subspecies, or
b) by the body of species belonging to a higher taxon or to a designated part of the 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 Schedule V

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

Acipenseridae

All species not mentioned in Schedule V

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

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 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

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".