

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

Taqsimha B

A.L. 162 tal-2009

**ATT DWAR IL-HARSIEN 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-SAHHA tas-setgħat mogħtija bl-artikoli 9 u 11 tal-Att dwar il-Harsien 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:-

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 jinftehm u haġa waħda mar-Regolamenti tal-2006 dwar il-Protezzjoni tal-Flora, Fawna u Ambjenti Naturali, hawn aktar 'il quddiem imsejjaħ "ir-regolamenti prinċipali". Titolu.
A.L. 311 tal-2006.
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. Għan.
3. Minflok Skedi I, II, V u VII li jinsabu mar-regolamenti prinċipali għandhom jidhlu dawn l-iskedi li ġejjin:- Jissostwixxu Skedi I, II, V u VII li jinsabu mar-regolamenti prinċipali.

"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

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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 phrygas (*Astragalo-Plantaginetum subulatae*)
- 5420 *Sarcopoterium spinosum* phrygas
- 5430 Endemic phrygas of the *Euphorbio-Verbascion*

6. NATURAL AND SEMI-NATURAL GRASSLAND FORMATIONS

61. **Natural grasslands**

- 6110 * Rupicolous calcareous or basophilic grasslands of the *Alyso-Sedion albi*
- 6120 * Xeric sand calcareous grasslands
- 6130 Calaminarian grasslands of the *Violetalia calaminariae*
- 6140 Siliceous Pyrenean *Festuca eskia* grasslands
- 6150 Siliceous alpine and boreal grasslands
- 6160 Oro-Iberian *Festuca indigesta* grasslands
- 6170 Alpine and subalpine calcareous grasslands
- 6180 Macaronesian mesophile grasslands
- 6190 Rupicolous pannonic grasslands (*Stipo-Festucetalia pallentis*)

62. **Semi-natural dry grasslands and scrubland facies**

- 6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (*Festuco-Brometalia*) (* important orchid sites)
- 6220 * Pseudo-steppe with grasses and annuals of the *Thero-Brachypodietea*
- 6230 * Species-rich *Nardus* grasslands, on silicious substrates in mountain areas (and submountain areas in Continental Europe)
- 6240 * Sub-Pannonic steppic grasslands
- 6250 * Pannonic loess steppic grasslands
- 6260 * Pannonic sand steppes
- 6270 * Fennoscandian lowland species-rich dry to mesic grasslands
- 6280 * Nordic alvar and precambrian calcareous flatrocks
- 62A0 Eastern sub-Mediterranean dry grasslands (*Scorzoneratalia villosae*)
- 62B0 * Serpentinophilous grassland of Cyprus
- 62C0 * Ponto-Sarmatic steppes
- 62D0 Oro-Moesian acidophilous grasslands

63. **Sclerophyllous grazed forests (dehesas)**

- 6310 Dehesas with evergreen *Quercus* spp.

64. **Semi-natural tall-herb humid meadows**

- 6410 *Molinia* meadows on calcareous, peaty or clayey-silt-laden soils (*Molinion caeruleae*)
- 6420 Mediterranean tall humid grasslands of the *Molinio-Holoschoenion*
- 6430 Hydrophilous tall herb fringe communities of plains and of the montane to alpine levels
- 6440 Alluvial meadows of river valleys of the *Cnidion dubii*
- 6450 Northern boreal alluvial meadows
- 6460 Peat grasslands of Troodos

65. **Mesophile grasslands**

- 6510 Lowland hay meadows (*Alopecurus pratensis*, *Sanguisorba officinalis*)
- 6520 Mountain hay meadows
- 6530 * Fennoscandian wooded meadows

7. RAISED BOGS AND MIRES AND FENS

71. **Sphagnum acid bogs**

- 7110 * Active raised bogs
- 7120 Degraded raised bogs still capable of natural regeneration

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- 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 *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 (*Ulmion minoris*)
- 91G0 * Pannonic woods with *Quercus petraea* and *Carpinus betulus*
- 91H0 * Pannonian woods with *Quercus pubescens*
- 91I0 * Euro-Siberian steppic woods with *Quercus* spp.
- 91J0 * *Taxus baccata* woods of the British Isles
- 91K0 Illyrian *Fagus sylvatica* forests (*Aremonio-Fagion*)
- 91L0 Illyrian oak-hornbeam forests (*Erythronio-Carpinion*)
- 91M0 Pannonian-Balkan turkey oak –sessile oak forests
- 91N0 * Pannonic inland sand dune thicket (*Junipero-Populetum albae*)
- 91P0 Holy Cross fir forest (*Abietetum polonicum*)
- 91Q0 Western Carpathian calcicolous *Pinus sylvestris* forests
- 91R0 Dinaric dolomite Scots pine forests (*Genisto januensis-Pinetum*)
- 91S0 * Western Pontic beech forests
- 91T0 Central European lichen Scots pine forests
- 91U0 Sarmatic steppe pine forest
- 91V0 Dacian Beech forests (*Symphyto-Fagion*)
- 91W0 Moesian beech forests
- 91X0 * Dobrogean beech forests
- 91Y0 Dacian oak & hornbeam forests
- 91Z0 Moesian silver lime woods
- 91AA * Eastern white oak woods
- 91BA Moesian silver fir forests
- 91CA Rhodopide and Balkan Range Scots pine forests

92. **Mediterranean deciduous forests**

- 9210 * Apennine beech forests with *Taxus* and *Ilex*
- 9220 * Apennine beech forests with *Abies alba* and beech forests with *Abies nebrodensis*
- 9230 Galicio-Portuguese oak woods with *Quercus robur* and *Quercus pyrenaica*
- 9240 *Quercus faginea* and *Quercus canariensis* Iberian woods
- 9250 *Quercus trojana* woods
- 9260 *Castanea sativa* woods
- 9270 Hellenic beech forests with *Abies borisii-regis*
- 9280 *Quercus frainetto* woods
- 9290 *Cupressus* forests (*Acero-Cupression*)
- 92A0 *Salix alba* and *Populus alba* galleries
- 92B0 Riparian formations on intermittent Mediterranean water courses with *Rhododendron ponticum*, *Salix* and others
- 92C0 *Platanus orientalis* and *Liquidambar orientalis* woods (*Platanion orientalis*)
- 92D0 Southern riparian galleries and thickets (*Nerio-Tamaricetea* and *Securinegion tinctoriae*)

93. **Mediterranean sclerophyllous forests**

- 9310 Aegean *Quercus brachyphylla* woods
- 9320 *Olea* and *Ceratonia* forests
- 9330 *Quercus suber* forests
- 9340 *Quercus ilex* and *Quercus rotundifolia* forests
- 9350 *Quercus macrolepis* forests
- 9360 * Macaronesian laurel forests (*Laurus*, *Ocotea*)
- 9370 * Palm groves of *Phoenix*
- 9380 Forests of *Ilex aquifolium*
- 9390 * Scrub and low forest vegetation with *Quercus alnifolia*
- 93A0 Woodlands with *Quercus infectoria* (*Anagyro foetidae-Quercetum infectoriae*)

94. **Temperate mountainous coniferous forests**

- 9410 Acidophilous *Picea* forests of the montane to alpine levels (*Vaccinio-Piceetea*)
- 9420 Alpine *Larix decidua* and/or *Pinus cembra* forests
- 9430 Subalpine and montane *Pinus uncinata* forests (* if on gypsum or limestone)

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

- 9510 * Southern Apennine *Abies alba* forests
 - 9520 *Abies pinsapo* forests
 - 9530 * (Sub-) Mediterranean pine forests with endemic black pines
 - 9540 Mediterranean pine forests with endemic Mesogean pines
 - 9550 Canarian endemic pine forests
 - 9560 * Endemic forests with *Juniperus* spp.
 - 9570 * *Tetraclinis articulata* forests
 - 9580 * Mediterranean *Taxus baccata* woods
 - 9590 * *Cedrus brevifolia* forests (*Cedrosetum brevifoliae*)
 - 95A0 High oro-Mediterranean pine forests
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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 cabrerai
 * *Microtus oeconomus arenicola*
 * *Microtus oeconomus mehelyi*
Microtus tatraicus

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 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*

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 zanandreae* (V)*Petromyzon marinus* (o) (except the Swedish populations)

ACIPENSERIFORMES

Acipenseridae

* *Acipenser naccarii** *Acipenser sturio*

CLUPEIFORMES

Clupeidae

Alosa spp. (V)

SALMONIFORMES

Salmonidae

Hucho hucho (natural populations) (V)*Salmo macrostigma* (o)*Salmo marmoratus* (o)*Salmo salar* (only in fresh water) (V) (except the Finnish populations)

Coregonidae

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

Umbridae

Umbra krameri (o)

CYPRINIFORMES

Cyprinidae

Alburnus albidus (o) (*Alburnus vulturius*)*Anaocypris hispanica**Aspius aspius* (V) (except the Finnish populations)*Barbus comiza* (V)*Barbus meridionalis* (V)*Barbus plebejus* (V)*Chalcalburnus chalcoides* (o)*Chondrostoma genei* (o)*Chondrostoma lusitanicum* (o)*Chondrostoma polylepis* (o) (including *C. 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 phoxinus**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 ghardalensis*

INSECTA

Coleoptera

- Agathidium pulchellum* (o)
Bolbelasmus unicornis
Boros schneideri (o)
Buprestis splendens
Carabus hampei
Carabus hungaricus
 * *Carabus menetriesi pacholei*
 * *Carabus olympiae*
Carabus variolosus
Carabus zawadzskii
Cerambyx cerdo
Corticaria planula (o)
Cucujus cinnaberinus
Dorcadion fulvum cervae
Duvalius gebhardti
Duvalius hungaricus
Dytiscus latissimus
Graphoderus bilineatus
Leptodirus hochenwarti
Limoniscus violaceus (o)
Lucanus cervus (o)
Macrolea pubipennis (o)
Mesosa myops (o)
Morimus funereus (o)
 * *Osmoderma eremita*
Oxyporus mannerheimii (o)
Pilemia tigrina
 * *Phryganophilus ruficollis*
Probaticus subrugosus
Propomacrus cypriacus
 * *Pseudogaurotina excellens*
Pseudoseriscius cameroni
Pytho kolwensis
Rhysodes sulcatus (o)
 * *Rosalia alpina*
Stephanopachys linearis (o)

Stephanopachys substriatus (o)

Xyletinus tremulicola (o)

Hemiptera

Aradus angularis (o)

Lepidoptera

Agriades glandon aquilo (o)

Arytrura musculus

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

Catopta thrips

Chondrosoma fiduciarium

Clossiana improba (o)

Coenonympha oedippus

Colias myrmidone

Cucullia mixta

Dioszeghyana schmidtii

Erannis ankeraria

Erebia calcaria

Erebia christi

Erebia medusa polaris (o)

Eriogaster catax

Euphydryas (Eurodryas, Hypodryas) aurinia (o)

Glyphipterix loricatella

Gortyna borelii lunata

Graellsia isabellae (V)

Hesperia comma catena (o)

Hypodryas maturna

Leptidea morsei

Lignyopectera fumidaria

Lycaena dispar

Lycaena helle

Maculinea nausithous

Maculinea teleius

Melanargia arge

* *Nymphalis vaualbum*

Papilio hospiton

Phyllometra culminaria

Plebicaula 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 tetrphylla
Macromia splendens
Ophiogomphus cecilia
Oxygastra curtisii

Orthoptera

Baetica ustulata
Brachytripes 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 gueriniianus
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 comeocostata
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 nicaense* 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. *litarierei* Gamis

Herniaria lusitanica (Chaudhri) subsp. *berlengiana* Chaudhri

Herniaria maritima Link

* *Minuartia smejkalii* Dvorakova

Moehringia jankae Griseb. ex Janka

Moehringia lateriflora (L.) Fenzl.

Moehringia tommasinii Marches.

Moehringia villosa (Wulfen) Fenzl

Petrocoptis grandiflora Rothm.

Petrocoptis montsiciana O. Bolos & Rivas Mart.

Petrocoptis pseudoviscosa Fernández Casas

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

* *Silene hicesiae* Brullo & Signorello

Silene hifacensis Rouy ex Willk.

* *Silene holzmanii* Heldr. ex Boiss.

Silene longicilia (Brot.) Otth.

Silene mariana Pau

* *Silene orphanidis* Boiss

* *Silene rothmaleri* Pinto da Silva

* *Silene velutina* Pourret ex Loisel.

CHENOPODIACEAE

- * *Bassia (Kochia) saxicola* (Guss.) A. J. Scott
- * *Cremnophyton lanfranconi* Brullo et Pavone
- * *Salicornia veneta* Pignatti & Lausi

CISTACEAE

- Cistus palhinhae* Ingram
- Halimium verticillatum* (Brot.) Sennen
- Helianthemum alypoides* Losa & Rivas Goday
- Helianthemum caput-felis* Boiss.
- * *Tuberaria major* (Willk.) Pinto da Silva & Rozeira

COMPOSITAE

- * *Anthemis glaberrima* (Rech. f.) Greuter
- Artemisia campestris* L. subsp. *bottnica* A.N. Lundström ex Kindb.
- * *Artemisia granatensis* Boiss.
- * *Artemisia laciniata* Willd.
- Artemisia oelandica* (Besser) Komaror
- * *Artemisia pancicii* (Janka) Ronn.
- * *Aster pyrenaicus* 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. Nyárady
- Centaurea pulvinata* (G. Blanca) G. Blanca
- Centaurea rothmalerana* (Arènes) Dostál
- Centaurea vicentina* Mariz
- Cirsium brachycephalum* Juratzka

- * *Crepis crocifolia* Boiss. & Heldr.
- Crepis granatensis* (Willk.) B. Blanca & M. Cueto
- Crepis pusilla* (Sommier) Merxmüller
- Crepis tectorum* L. subsp. *nigrescens*
- Erigeron frigidus* Boiss. ex DC.
- * *Helichrysum melitense* (Pignatti) Brullo et al
- Hymenostemma pseudanthesis* (Kunze) Willd.
- Hyoseris frutescens* Brullo et Pavone
- * *Jurinea cyanoides* (L.) Reichenb.
- * *Jurinea fontqueri* Cuatrec.
- * *Lamyropsis microcephala* (Moris) Dittrich & Greuter
- Leontodon microcephalus* (Boiss. ex DC.) Boiss.
- Leontodon boryi* Boiss.
- * *Leontodon siculus* (Guss.) Finch & Sell
- Leuzea longifolia* Hoffmanns. & Link
- Ligularia sibirica* (L.) Cass.
- * *Palaeocyanus crassifolius* (Bertoloni) Dostal
- Santolina impressa* Hoffmanns. & Link
- Santolina semidentata* Hoffmanns. & Link
- Saussurea alpina* subsp. *esthonica* (Baer ex Rupr) Kupffer
- * *Senecio elodes* Boiss. ex DC.
- Senecio jacobea* L. subsp. *gotlandicus* (Neuman) Sterner
- Senecio nevadensis* Boiss. & Reuter
- * *Serratula lycopifolia* (Vill.) A.Kern
- 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 vinentina* (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 tatarica* 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 bohémica* 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

Gaudimia 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

JUNACEAE

Juncus valvatus Link*Luzula arctica* Blytt

LABIATAE

Dracocephalum austriacum L.* *Micromeria taygetea* P. H. Davis*Nepeta dirphyia* (Boiss.) Heldr. ex Halacsy* *Nepeta sphaciotica* P. H. Davis*Origanum dictamnus* L.*Phlomis brevibracteata* Turrill*Phlomis cypria* Post*Salvia veneris* Hedge*Sideritis cypria* Post*Sideritis incana* subsp. *glauca* (Cav.) Malagarriga*Sideritis javalambrensis* Pau*Sideritis serrata* Cav. ex Lag.*Teucrium lepicephalum* Pau*Teucrium turredanum* Losa & Rivas Goday* *Thymus camphoratus* Hoffmanns. & Link*Thymus carnosus* Boiss.* *Thymus lotocephalus* G. López & R. Morales (*Thymus cephalotos* L.)

LEGUMINOSAE

Anthyllis hystrix Cardona, Contandr. & E. Sierra* *Astragalus algarbiensis* Coss. ex Bunge* *Astragalus aquilanus* Anzalone*Astragalus centralpinus* Braun-Blanquet* *Astragalus macrocarpus* DC. subsp. *lefkarensis** *Astragalus maritimus* Moris*Astragalus peterfii* Jáv.*Astragalus tremolsianus* Pau* *Astragalus verrucosus* Moris* *Cytisus aeolicus* Guss. ex Lindl.*Genista dorycnifolia* Font Quer*Genista holopetala* (Fleischm. ex Koch) Baldacci*Melilotus segetalis* (Brot.) Ser. subsp. *fallax* Franco* *Ononis hackelii* Lange*Trifolium saxatile* All.* *Vicia bifoliolata* J.D. Rodríguez

LENTIBULARIACEAE

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

LILIACEAE

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

LINACEAE

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

LYTHRACEAE

* *Lythrum flexuosum* Lag.

MALVACEAE

Kosteletzkya pentacarpos (L.) Ledeb.

NAJADACEAE

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

OLEACEAE

Syringa josikaea Jacq. Fil. ex Reichenb.

ORCHIDACEAE

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

OROBANCHACEAE

Orobanche densiflora Salzm. ex Reut.

PAEONIACEAE

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

PALMAE

Phoenix theophrasti Greuter

PAPAVERACEAE

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

PLANTAGINACEAE

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

PLUMBAGINACEAE

Armeria berlengensis Daveau* *Armeria helodes* Martini & Pold*Armeria neglecta* Girard*Armeria pseudarmeria* (Murray) Mansfeld* *Armeria rouyana* Daveau*Armeria soleirolii* (Duby) Godron*Armeria velutina* Welw. ex Boiss. & Reuter*Limonium dodartii* (Girard) O. Kuntze subsp. *lusitanicum* (Daveau) Franco* *Limonium insulare* (Beg. & Landi) Arrig. & Diana*Limonium lanceolatum* (Hoffmans. & Link) Franco*Limonium multiflorum* Erben* *Limonium pseudolaetum* Arrig. & Diana* *Limonium strictissimum* (Salzmann) Arrig.

POLYGONACEAE

Persicaria foliosa (H. Lindb.) Kitag.*Polygonum praelongum* Coode & Cullen*Rumex rupestris* Le Gall

PRIMULACEAE

Androsace mathildae Levier*Androsace pyrenaica* Lam.* *Cyclamen fatrense* Halda et Sojak* *Primula apennina* Widmer*Primula carniolica* Jacq.*Primula nutans* Georgi*Primula palinuri* Petagna*Primula scandinavica* Bruun*Soldanella villosa* Darracq.

RANUNCULACEAE

* *Aconitum corsicum* Gay (*Aconitum napellus* subsp. *corsicum*)*Aconitum firmum* (Reichenb.) Neilr subsp. *moravicum* Skalicky*Adonis distorta* Ten.*Aquilegia bertolonii* Schott*Aquilegia kitaibelii* Schott* *Aquilegia pyrenaica* D.C. subsp. *cazorlensis* (Heywood) Galiano* *Consolida samia* P.H. Davis* *Delphinium caseyi* B.L.Burt*Pulsatilla grandis* Wenderoth *Pulsatilla patens* (L.) Miller* *Pulsatilla pratensis* (L.) Miller subsp. *hungarica* Soo* *Pulsatilla slavica* G.Reuss.* *Pulsatilla subslavica* Futak ex 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 radicum Rottb. subsp. *hyperboreum* Nordh.

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Plantago almogravensis Franco

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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
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Limonium lanceolatum (Hoffmans. & Link) Franco
Limonium multiflorum Erben
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Androsace pyrenaica Lam.
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 * *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.) Neill subsp. *moravicum* Skalicky

Adonis distorta Ten.

Aquilegia bertolonii Schott

Aquilegia kitaibelii Schott

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

* *Consolida samia* P.H. Davis

* *Delphinium caseyi* B.L.Burt

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

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

* *Pulsatilla slavica* G.Reuss.

* *Pulsatilla subslavica* Futak ex Goliasova

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

Ranunculus kykkoensis Meikle

Ranunculus lapponicus L.

* *Ranunculus weyleri* Mares

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* *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.

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* *Galium viridiflorum* Boiss. & Reuter

SALICACEAE

Salix salvifolia Brot. subsp. *australis* Franco

SANTALACEAE

Thesium ebracteatum Hayne

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Saxifraga berica (Beguinot) D.A. Webb

Saxifraga florulenta Moretti

Saxifraga hirculus L.

Saxifraga osloënsis Knaben

Saxifraga tombeanensis Boiss. ex Engl.

SCROPHULARIACEAE

- Antirrhinum charidemi* Lange
Chaenorhinum serpyllifolium (Lange) Lange subsp. *lusitanicum* R. Fernandes
 * *Euphrasia genargentea* (Feoli) Diana
Euphrasia marchesettii Wettst. ex Marches.
Linaria algarviana Chav.
Linaria coutinhoi Valdés
Linaria loeselii Schweigger
 * *Linaria ficalhoana* Rouy
Linaria flava (Poiret) Desf.
 * *Linaria hellenica* Turrill
Linaria pseudolaxiflora Lojacono
 * *Linaria ricardoi* Cout.
Linaria tonzigii Lona
 * *Linaria tursica* B. Valdés & Cabezudo
Odontites granatensis Boiss.
 * *Pedicularis sudetica* Willd.
Rhinanthus oesilensis (Ronniger & Saarsoo) Vassilcz
Tozzia carpathica Wol.
Verbascum litigiosum Samp.
Veronica micrantha Hoffmanns. & Link
 * *Veronica oetaea* L.-A. Gustavsson

SOLANACEAE

- * *Atropa baetica* Willk.

THYMELAEACEAE

- * *Daphne arbuscula* Celak
Daphne petraea Leybold
 * *Daphne rodriguezii* Texidor

ULMACEAE

- Zelkova abelicea* (Lam.) Boiss.

UMBELLIFERAE

- * *Angelica heterocarpa* Lloyd
Angelica palustris (Besser) Hoffm.
 * *Apium bermejoi* Llorens
Apium repens (Jacq.) Lag.
Athamanta cortiana Ferrarini
 * *Bupleurum capillare* Boiss. & Heldr.
 * *Bupleurum kakiskalae* Greuter
Eryngium alpinum L.
 * *Eryngium viviparum* Gay
 * *Ferula sadleriana* Lebed.
Hladnikia pastinacifolia Reichenb.
 * *Laserpitium longiradium* Boiss.
 * *Naufraga balearica* Constans & Cannon
 * *Oenanthe conioides* Lange
Petagnia saniculifolia Guss.
Rouya polygama (Desf.) Coincy
 * *Seseli intricatum* Boiss.
Seseli leucospermum Waldst. et Kit
Thorella verticillatinundata (Thore) Briq.

VALERIANACEAE

- Centranthus trinervis* (Viv.) Beguinot

VIOLACEAE

- Viola delphinantha* Boiss.
 * *Viola hispida* Lam.
Viola jaubertiana Mares & Vigineix
Viola rupestris F.W. Schmidt subsp. *relicta* Jalas

LOWER PLANTS

BRYOPHYTA

- Bruchia vogesiaca* Schwaegr. (o)
Bryhnia novae-angliae (Sull & Lesq.) Grout (o)
 * *Bryoerythrophyllum campylocarpum* (C. Müll.) Crum.
 (*Bryoerythrophyllum machadoanum* (Sergio) M. O. Hill) (o)
Buxbaumia viridis (Moug.) Moug. & Nestl. (o)
Cephalozia macounii (Aust.) Aust. (o)
Cynodontium suecicum (H. Arn. & C. Jens.) I. Hag. (o)
Dichelyma capillaceum (Dicks) Myr. (o)
Dicranum viride (Sull. & Lesq.) Lindb. (o)
Distichophyllum carinatum Dix. & Nich. (o)
Drepanocladus (Hamatocaulis) vernicosus (Mitt.) Warnst. (o)
Encalypta mutica (I. Hagen) (o)
Hamatocaulis lapponicus (Norrl.) Hedenäs (o)
Herzogiella turfacea (Lindb.) I. Wats. (o)
Hygrohypnum montanum (Lindb.) Broth. (o)
Jungermannia handelii (Schiffn.) Amak. (o)
Mannia triandra (Scop.) Grolle (o)
 * *Marsupella profunda* Lindb. (o)
Meesia longiseta Hedw. (o)
Nothothylas orbicularis (Schwein.) Sull. (o)
Ochyraea tatrensis Vana (o)
Orthothecium lapponicum (Schimp.) C. Hartm. (o)
Orthotrichum rogeri Brid. (o)
Petalophyllum ralfsii (Wils.) Nees & Gott. (o)
Plagiomnium drummondii (Bruch & Schimp.) T. Kop. (o)
Riccia breidleri Jur. (o)
Riella helicophylla (Bory & Mont.) Mont. (o)
Scapania massolongi (K. Müll.) K. Müll. (o)
Sphagnum pylaisii Brid. (o)
Tayloria rudolphiana (Garov) B. & S. (o)
Tortella rigens (N. Alberts) (o)

SPECIES FOR MACARONESIA

PTERIDOPHYTA

HYMENOPHYLLACEAE

Hymenophyllum maderensis Gibby & Lovis

DRYOPTERIDACEAE

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

ISOETACEAE

Isoetes azorica Durieu & Paiva ex Milde

MARSILEACEAE

* *Marsilea azorica* Launert & Paiva

ANGIOSPERMAE

ASCLEPIADACEAE

Caralluma burchardii N. E. Brown

* *Ceropegia chrysantha* Svent.

BORAGINACEAE

Echium candicans L. fil.

* *Echium gentianoides* Webb & Coincy

Myosotis azorica H. C. Watson

Myosotis maritima Hochst. in Seub.

CAMPANULACEAE

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

Musschia aurea (L. f.) DC.

* *Musschia wollastonii* Lowe

CAPRIFOLIACEAE

* *Sambucus palmensis* Link

CARYOPHYLLACEAE

Spergularia azorica (Kindb.) Lebel

CELASTRACEAE

Maytenus umbellata (R. Br.) Mabb.

CHENOPODIACEAE

Beta patula Ait.

CISTACEAE

Cistus chinamadensis Banares & Romero

* *Helianthemum bystropogophyllum* Svent.

COMPOSITAE

Andryala crithmifolia Ait.

* *Argyranthemum lidii* Humphries

Argyranthemum thalassophyllum (Svent.) Hump.

Argyranthemum winterii (Svent.) Humphries

* *Atractylis arbuscula* Svent. & Michaelis

Atractylis preauxiana Schultz.

Calendula maderensis DC.

Cheirolophus duranii (Burchard) Holub

Cheirolophus ghomerytus (Svent.) Holub

Cheirolophus junonianus (Svent.) Holub

Cheirolophus massonianus (Lowe) Hansen & Sund.

Cirsium latifolium Lowe

Helichrysum gossypinum Webb

Helichrysum monogynum Burt & Sund.

Hypochoeris oligocephala (Svent. & Bramw.) Lack

* *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-socasisii* 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

<p>MAMMALS</p>	<p>Microtidae</p> <p style="padding-left: 20px;"><i>Microtus cabreræ</i></p> <p style="padding-left: 20px;"><i>Microtus oeconomus arenicola</i></p> <p style="padding-left: 20px;"><i>Microtus oeconomus mehelyi</i></p> <p style="padding-left: 20px;"><i>Microtus tatricus</i></p>
<p>INSECTIVORA</p>	<p>Zapodidae</p> <p style="padding-left: 20px;"><i>Sicista betulina</i></p> <p style="padding-left: 20px;"><i>Sicista subtilis</i></p>
<p>Erinaceidae</p> <p style="padding-left: 20px;"><i>Erinaceus algirus</i></p>	<p>Hystricidae</p> <p style="padding-left: 20px;"><i>Hystrix cristata</i></p>
<p>Soricidae</p> <p style="padding-left: 20px;"><i>Crocidura canariensis</i></p> <p style="padding-left: 20px;"><i>Crocidura sicula</i></p>	<p>CARNIVORA</p>
<p>Talpidae</p> <p style="padding-left: 20px;"><i>Galemys pyrenaicus</i></p>	<p>Canidae</p> <p style="padding-left: 20px;"><i>Alopex lagopus</i></p> <p style="padding-left: 20px;"><i>Canis lupus</i> (except the Greek populations north of the 39th parallel; Estonian populations, Spanish populations north of the Duero; Bulgarian, Latvian, Lithuanian, Polish, Slovak populations and Finnish populations within the reindeer management area as defined in paragraph 2 of the Finnish Act No 848/90 of 14 September 1990 on reindeer management)</p>
<p>MICROCHIROPTERA</p> <p style="padding-left: 20px;">All species</p>	<p>Ursidae</p> <p style="padding-left: 20px;"><i>Ursus arctos</i></p>
<p>MEGACHIROPTERA</p>	<p>Mustelidae</p> <p style="padding-left: 20px;"><i>Lutra lutra</i></p> <p style="padding-left: 20px;"><i>Mustela eversmannii</i></p> <p style="padding-left: 20px;"><i>Mustela lutreola</i></p> <p style="padding-left: 20px;"><i>Vormela peregusna</i></p>
<p>Pteropodidae</p> <p style="padding-left: 20px;"><i>Rousettus aegyptiacus</i></p>	<p>Felidae</p> <p style="padding-left: 20px;"><i>Felis silvestris</i></p> <p style="padding-left: 20px;"><i>Lynx lynx</i> (except the Estonian population)</p> <p style="padding-left: 20px;"><i>Lynx pardinus</i></p>
<p>RODENTIA</p>	<p>Phocidae</p> <p style="padding-left: 20px;"><i>Monachus monachus</i></p> <p style="padding-left: 20px;"><i>Phoca hispida saimensis</i></p>
<p>Gliridae</p> <p style="padding-left: 20px;">All species except <i>Glis glis</i> and <i>Eliomys quercinus</i></p>	
<p>Sciuridae</p> <p style="padding-left: 20px;"><i>Marmota marmota latirostris</i></p> <p style="padding-left: 20px;"><i>Pteromys volans</i> (<i>Sciuropterus ruscicus</i>)</p> <p style="padding-left: 20px;"><i>Spermophilus citellus</i> (<i>Citellus citellus</i>)</p> <p style="padding-left: 20px;"><i>Spermophilus suslicus</i> (<i>Citellus suslicus</i>)</p> <p style="padding-left: 20px;"><i>Sciurus anomalus</i></p>	
<p>Castoridae</p> <p style="padding-left: 20px;"><i>Castor fiber</i> (except the Estonian, Latvian, Lithuanian, Polish, Finnish and Swedish, populations)</p>	
<p>Cricetidae</p> <p style="padding-left: 20px;"><i>Cricetus cricetus</i> (except the Hungarian populations)</p> <p style="padding-left: 20px;"><i>Mesocricetus newtoni</i></p>	

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 kotschy**Phyllodactylus europaeus**Tarentola angustimentalis**Tarentola boettgeri**Tarentola delalandii**Tarentola gomerensis*

Agamidae

Stellio stellio

Chamaeleontidae

Chamaeleo chamaeleon

Anguidae

Ophisaurus apodus

OPHIDIA

Colubridae

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

Viperidae

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

Boidae

Eryx jaculus

AMPHIBIANS

CAUDATA

Salamandridae

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

Triturus marmoratus

Triturus montandoni

Triturus vulgaris ampelensis

Proteidae

Proteus anguinus

Plethodontidae

Hydromantes (*Speleomantes*) *ambrosii*

Hydromantes (*Speleomantes*) *flavus*

Hydromantes (*Speleomantes*) *genei*

Hydromantes (*Speleomantes*) *imperialis*

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

Hydromantes (*Speleomantes*) *supramontis*

ANURA

Discoglossidae

Alytes cisternasii

Alytes muletensis

Alytes obstetricans

Bombina bombina

Bombina variegata

Discoglossus galganoi (including *Discoglossus "jeanneae"*)

Discoglossus montalentii

Discoglossus pictus

Discoglossus sardus

Ranidae

Rana arvalis

Rana dalmatina

Rana graeca

Rana iberica

Rana italica

Rana latastei

Rana lessonae

Pelobatidae

Pelobates cultripes

Pelobates fuscus

Pelobates syriacus

Bufonidae

Bufo calamita

Bufo viridis

Hylidae

Hyla arborea

Hyla meridionalis

Hyla sarda

FISH

ACIPENSERIFORMES

Acipenseridae

*Acipenser naccarii**Acipenser sturio*

SALMONIFORMES

Coregonidae

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

CYPRINIFORMES

Cyprinidae

*Anaecypris hispanica**Phoxinus phoxinus*

ATHERINIFORMES

Cyprinodontidae

Valencia hispanica

PERCIFORMES

Percidae

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

INVERTEBRATES

ARTHROPODS

CRUSTACEA

Isopoda

Armadillidium ghardalamensis

INSECTA

Coleoptera

*Bolbelasmus unicornis**Buprestis splendens**Carabus hampei**Carabus hungaricus**Carabus olympiae**Carabus variolosus**Carabus zawadzskii**Cerambyx cerdo**Cucujus cinnaberinus**Dorcadion fulvum cervae**Duvalius gebhardti**Duvalius hungaricus**Dytiscus latissimus**Graphoderus bilineatus**Leptodirus hochenwarti**Pilemia tigrina**Osmoderma eremita**Phryganophilus ruficollis**Probaticus subrugosus**Propomacrus cypriacus**Pseudogaurotina excellens**Pseudoseriscius cameroni**Pytho kolwensis**Rosalia alpina*

Lepidoptera

*Apatura metis**Arytrura musculus**Catopta thrips**Chondrosoma fiduciarium**Coenonympha hero**Coenonympha oedippus**Colias myrmidone**Cucullia mixta**Dioszeghyana schmidtii**Erannis ankeraria**Erebia calcaria**Erebia christi**Erebia sudetica**Eriogaster catax**Fabriciana elisa**Glyphipterix loricatella**Gortyna borelii lunata**Hypodryas maturna**Hyles hippophaes**Leptidea morsei**Lignyopectera fumidaria**Lopinga achine**Lycaena dispar**Lycaena helle**Maculinea arion**Maculinea nausithous**Maculinea teleius*

- Melanargia arge*
Nymphalis vaualbum
Papilio alexanor
Papilio hospiton
Parnassius apollo
Parnassius mnemosyne
Phyllometra culminaria
Plebicula golgus
Polymixis rufocincta isolata
Polyommatus eroides
Proserpinus proserpina
Pseudophilotes bavius
Xylomoia strix
Zerynthia polyxena
- Mantodea
- Apteromantis aptera*
- Odonata
- Aeshna viridis*
 Cordulegaster heros
 Cordulegaster trinacriae
 Gomphus graslinii
 Leucorrhinia albifrons
 Leucorrhinia caudalis
 Leucorrhinia pectoralis
 Lindenia tetraphylla
 Macromia splendens
 Ophiogomphus cecilia
 Oxygastra curtisii
 Stylurus flavipes
 Sympecma braueri
- Orthoptera
- Baetica ustulata*
 Brachytrupes megacephalus
 Isophya costata
 Isophya harzi
 Isophya stysi
 Myrmecophilus baronii
 Odontopodisma rubripes
 Paracaloptenus caloptenoides
 Pholidoptera transsylvanica
 Saga pedo
 Stenobothrus (Stenobothrodes) eurasius
- ARACHNIDA
- Araneae
- Macrothele calpeiana*
- MOLLUSCS**
- GASTROPODA
- Anisus vorticulus*
 Caseolus calculus
 Caseolus commixta
 Caseolus sphaerula
 Chilostoma banaticum
 Discula leacockiana
 Discula tabellata
 Discula testudinalis
 Discula turricula
 Discus defloratus
 Discus guerinianus
 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 panonica
 Theodoxus prevostianus
 Theodoxus transversalis
- BIVALVIA
- Anisomyaria
- Lithophaga lithophaga*
 Pinna nobilis
- Unionoida
- Margaritifera auricularia*
 Unio crassus
- Dreissenidae
- Congeria kusceri*
- ECHINODERMATA
- Echinoidea
- Centrostephanus longispinus*

Schedule V (b) contains all the plant 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***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.**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***Malcolmia lacera* (L.) DC. subsp. *gracilima* (Samp.) Franco*Murbeckiella pinmatifida* (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".

L.N. 162 of 2009

**ENVIRONMENT PROTECTION ACT
(CAP. 435)**

**DEVELOPMENT PLANNING ACT
(CAP. 356)**

**Flora, Fauna and Natural Habitats Protection (Amendment)
Regulations, 2009**

IN exercise of the powers conferred by articles 9 and 11 of the Environment Protection Act, hereinafter referred as “the Act”, and of article 60 of the Development Planning Act, the Prime Minister has made the following regulations:-

1. The title of these regulations is the Flora, Fauna and Natural Habitats Protection (Amendment) Regulations, 2009 and they shall be read and construed as one with the Flora, Fauna and Natural Habitats Protection Regulations, 2006 hereinafter referred to as “the principal regulations”.

Title.
L.N. 311 of 2006.

2. These regulations transpose the provisions of Council Directive 2006/105/EC adapting Directives 73/239/EEC, 74/557/EEC and 2002/83/EC in the field of environment, by reason of the accession of Bulgaria and Romania to the European Union in 2007.

Scope.

3. For Schedules I, II, V and VII to the principal regulations there shall be substituted the following schedules:-

Substitutes Schedules I, II, V and VII to the principal regulations.

"Schedule 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 (*Posidonium 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

B 2254

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 *Alyso-Sedion albi*
- 6120 * Xeric sand calcareous grasslands
- 6130 Calaminarian grasslands of the *Violetalia calaminariae*
- 6140 Siliceous Pyrenean *Festuca eskia* grasslands
- 6150 Siliceous alpine and boreal grasslands
- 6160 Oro-Iberian *Festuca indigesta* grasslands
- 6170 Alpine and subalpine calcareous grasslands
- 6180 Macaronesian mesophile grasslands
- 6190 Rupicolous pannonic grasslands (*Stipo-Festucetalia pallentis*)

62. **Semi-natural dry grasslands and scrubland facies**

- 6210 Semi-natural dry grasslands and scrubland facies on calcareous substrates (*Festuco-Brometalia*) (* important orchid sites)
- 6220 * Pseudo-steppe with grasses and annuals of the *Thero-Brachypodietea*
- 6230 * Species-rich *Nardus* grasslands, on silicious substrates in mountain areas (and submountain areas in Continental Europe)
- 6240 * Sub-Pannonic steppic grasslands
- 6250 * Pannonic loess steppic grasslands
- 6260 * Pannonic sand steppes
- 6270 * Fennoscandian lowland species-rich dry to mesic grasslands
- 6280 * Nordic alvar and precambrian calcareous flatrocks
- 62A0 Eastern sub-Mediterranean dry grasslands (*Scorzoneratalia villosae*)
- 62B0 * Serpentinophilous grassland of Cyprus
- 62C0 * Ponto-Sarmatic steppes
- 62D0 Oro-Moesian acidophilous grasslands

63. **Sclerophyllous grazed forests (dehesas)**

- 6310 Dehesas with evergreen *Quercus* spp.

64. **Semi-natural tall-herb humid meadows**

- 6410 *Molinia* meadows on calcareous, peaty or clayey-silt-laden soils (*Molinion caeruleae*)
- 6420 Mediterranean tall humid grasslands of the *Molinio-Holoschoenion*
- 6430 Hydrophilous tall herb fringe communities of plains and of the montane to alpine levels
- 6440 Alluvial meadows of river valleys of the *Cnidion dubii*
- 6450 Northern boreal alluvial meadows
- 6460 Peat grasslands of Troodos

65. **Mesophile grasslands**

- 6510 Lowland hay meadows (*Alopecurus pratensis*, *Sanguisorba officinalis*)
- 6520 Mountain hay meadows
- 6530 * Fennoscandian wooded meadows

7. RAISED BOGS AND MIRES AND FENS

71. **Sphagnum acid bogs**

- 7110 * Active raised bogs
- 7120 Degraded raised bogs still capable of natural regeneration

B 2256

- 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 *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 (*Ulmion minoris*)
- 91G0 * Pannonic woods with *Quercus petraea* and *Carpinus betulus*
- 91H0 * Pannonian woods with *Quercus pubescens*
- 91I0 * Euro-Siberian steppic woods with *Quercus* spp.
- 91J0 * *Taxus baccata* woods of the British Isles
- 91K0 Illyrian *Fagus sylvatica* forests (*Aremonio-Fagion*)
- 91L0 Illyrian oak-hornbeam forests (*Erythronio-Carpinion*)
- 91M0 Pannonian-Balkan turkey oak –sessile oak forests
- 91N0 * Pannonic inland sand dune thicket (*Junipero-Populetum albae*)
- 91P0 Holy Cross fir forest (*Abietetum polonicum*)
- 91Q0 Western Carpathian calcicolous *Pinus sylvestris* forests
- 91R0 Dinaric dolomite Scots pine forests (*Genisto januensis-Pinetum*)
- 91S0 * Western Pontic beech forests
- 91T0 Central European lichen Scots pine forests
- 91U0 Sarmatic steppe pine forest
- 91V0 Dacian Beech forests (*Symphyto-Fagion*)
- 91W0 Moesian beech forests
- 91X0 * Dobrogean beech forests
- 91Y0 Dacian oak & hornbeam forests
- 91Z0 Moesian silver lime woods
- 91AA * Eastern white oak woods
- 91BA Moesian silver fir forests
- 91CA Rhodopide and Balkan Range Scots pine forests

92. **Mediterranean deciduous forests**

- 9210 * Apennine beech forests with *Taxus* and *Ilex*
- 9220 * Apennine beech forests with *Abies alba* and beech forests with *Abies nebrodensis*
- 9230 Galicio-Portuguese oak woods with *Quercus robur* and *Quercus pyrenaica*
- 9240 *Quercus faginea* and *Quercus canariensis* Iberian woods
- 9250 *Quercus trojana* woods
- 9260 *Castanea sativa* woods
- 9270 Hellenic beech forests with *Abies borisii-regis*
- 9280 *Quercus frainetto* woods
- 9290 Cupressus forests (*Acero-Cupression*)
- 92A0 *Salix alba* and *Populus alba* galleries
- 92B0 Riparian formations on intermittent Mediterranean water courses with *Rhododendron ponticum*, *Salix* and others
- 92C0 *Platanus orientalis* and *Liquidambar orientalis* woods (*Platanion orientalis*)
- 92D0 Southern riparian galleries and thickets (*Nerio-Tamaricetea* and *Securinegion tinctoriae*)

93. **Mediterranean sclerophyllous forests**

- 9310 Aegean *Quercus brachyphylla* woods
- 9320 *Olea* and *Ceratonia* forests
- 9330 *Quercus suber* forests
- 9340 *Quercus ilex* and *Quercus rotundifolia* forests
- 9350 *Quercus macrolepis* forests
- 9360 * Macaronesian laurel forests (*Laurus*, *Ocotea*)
- 9370 * Palm groves of *Phoenix*
- 9380 Forests of *Ilex aquifolium*
- 9390 * Scrub and low forest vegetation with *Quercus alnifolia*
- 93A0 Woodlands with *Quercus infectoria* (*Anagyro foetidae-Quercetum infectoriae*)

94. **Temperate mountainous coniferous forests**

- 9410 Acidophilous *Picea* forests of the montane to alpine levels (*Vaccinio-Piceetea*)
- 9420 Alpine *Larix decidua* and/or *Pinus cembra* forests
- 9430 Subalpine and montane *Pinus uncinata* forests (* if on gypsum or limestone)

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

- 9510 * Southern Apennine *Abies alba* forests
 - 9520 *Abies pinsapo* forests
 - 9530 * (Sub-) Mediterranean pine forests with endemic black pines
 - 9540 Mediterranean pine forests with endemic Mesogean pines
 - 9550 Canarian endemic pine forests
 - 9560 * Endemic forests with *Juniperus* spp.
 - 9570 * *Tetraclinis articulata* forests
 - 9580 * Mediterranean *Taxus baccata* woods
 - 9590 * *Cedrus brevifolia* forests (*Cedrosetum brevifoliae*)
 - 95A0 High oro-Mediterranean pine forests
-

Schedule 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 eversmannii

* *Mustela lutreola*

Vormela peregusna

Felidae

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

* *Lynx pardinus*

Phocidae

Halichoerus grypus (V)

* *Monachus monachus*

Phoca hispida bottnica (V)

* *Phoca hispida saimensis*

Phoca vitulina (V)

ARTIODACTYLA

Cervidae

* *Cervus elaphus corsicanus*

Rangifer tarandus fennicus (o)

Bovidae

* *Bison bonasus*

Capra aegagrus (natural populations)

* *Capra pyrenaica pyrenaica*

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

Ovis orientalis ophion (*Ovis gmelini ophion*)

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

Rupicapra rupicapra balcanica

* *Rupicapra rupicapra 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

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 zanandreae* (V)*Petromyzon marinus* (o) (except the Swedish populations)

ACIPENSERIFORMES

Acipenseridae

* *Acipenser naccarii** *Acipenser sturio*

CLUPEIFORMES

Clupeidae

Alosa spp. (V)

SALMONIFORMES

Salmonidae

Hucho hucho (natural populations) (V)*Salmo macrostigma* (o)*Salmo marmoratus* (o)*Salmo salar* (only in fresh water) (V) (except the Finnish populations)

Coregonidae

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

Umbridae

Umbra krameri (o)

CYPRINIFORMES

Cyprinidae

Alburnus albidus (o) (*Alburnus vulturius*)*Anaocypris hispanica**Aspius aspius* (V) (except the Finnish populations)*Barbus comiza* (V)*Barbus meridionalis* (V)*Barbus plebejus* (V)*Chalcalburnus chalcoides* (o)*Chondrostoma genei* (o)*Chondrostoma lusitanicum* (o)*Chondrostoma polylepis* (o) (including *C. 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 phoxinus**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) panizae (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 zawadzskii
Cerambyx cerdo
Corticaria planula (o)
Cucujus cinnaberinus
Dorcadion fulvum cervae
Duvalius gebhardti
Duvalius hungaricus
Dytiscus latissimus
Graphoderus bilineatus
Leptodirus hochenwarti
Limoniscus violaceus (o)
Lucanus cervus (o)
Macrolea pubipennis (o)
Mesosa myops (o)
Morimus funereus (o)
 * *Osmoderma eremita*
Oxyporus mannerheimii (o)
Pilemia tigrina
 * *Phryganophilus ruficollis*
Probatiscus 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

Lignyopectera fumidaria

Lycaena dispar

Lycaena helle

Maculinea nausithous

Maculinea teleius

Melanargia arge

* *Nymphalis vaualbum*

Papilio hospiton

Phyllometra culminaria

Plebicula golgus

Polymixis rufocincta isolata

Polyommatus eroides

Pseudophilotes bavius

Xestia borealis (o)

Xestia brunneopicta (o)

* *Xylomoia strix*

Mantodea

Apteromantis aptera

Odonata

Coenagrion hylas (o)
Coenagrion mercuriale (o)
Coenagrion ornatum (o)
Cordulegaster heros
Cordulegaster trinacriae
Gomphus graslinii
Leucorrhinia pectoralis
Lindenia tetraphylla
Macromia splendens
Ophiogomphus cecilia
Oxygastra curtisii

Orthoptera

Baetica ustulata
Brachytrupes megacephalus
Isophya costata
Isophya harzi
Isophya stysi
Myrmecophilus baronii
Odontopodisma rubripes
Paracaloptenus caloptenoides
Pholidoptera transsylvanica
Stenobothrus (Stenobothrodes) eurasius

ARACHNIDA

Pseudoscorpiones

Anthrenochernes stellae (o)

MOLLUSCS

GASTROPODA

Anisus vorticulus
Caseolus calculus
Caseolus commixta
Caseolus sphaerula

Chilostoma banaticum
Discula leacockiana
Discula tabellata
Discus guerinianus
Elona quimperiana
Geomalacus maculosus
Geomitra moniziana
Gibbula nivosa
 * *Helicopsis striata austriaca* (o)
Hygromia kovacsi
Idiomela (Helix) subplicata
Lampedusa imitatrix
 * *Lampedusa melitensis*
Leiostyla abbreviata
Leiostyla cassida
Leiostyla corneocostata
Leiostyla gibba
Leiostyla lamellosa
 * *Paladilhia hungarica*
Sadleriana pannonica
Theodoxus transversalis
Vertigo angustior (o)
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 boyana Durieu

Isoetes malinverniana Ces. & De Not.

MARSILEACEAE

Marsilea batardae Launert

Marsilea quadrifolia L.

Marsilea strigosa Willd.

OPHIGLOSSACEAE

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. *berlangiana* 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 pseudovillosa 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 pyrenaicus* 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 borjæ* Valdes-Berm. & Rivas Goday
- * *Centaurea citricolor* Font Quer
- Centaurea corymbosa* Pourret
- Centaurea gadorensis* G. Blanca
- * *Centaurea horrida* Badaro
- Centaurea immanuelis-loewii* Degen
- Centaurea jankæ* 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
- Tephroses longifolia* (Jacq.) Griseb et Schenk subsp. *moravica*

CONVOLVULACEAE

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

CRUCIFERAE

- Alyssum pyrenaicum* Lapeyr.
- * *Arabis kennedyae* Meikle
- Arabis sadina* (Samp.) P. Cout.
- Arabis scopoliana* Boiss
- * *Biscutella neustriaca* Bonnet
- Biscutella vinentina* (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 doreri Heuffel.

Erucastrum palustre (Pirona) Vis.

* *Erysimum pienanicum* (Zapal.) Pawl.

* *Iberis arbuscula* Runemark

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

* *Jonopsidium acaule* (Desf.) Reichenb.

Jonopsidium savianum (Caruel) Ball ex Arcang.

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

Sisymbrium cavanillesianum Valdés & Castroviejo

Sisymbrium supinum L.

Thlaspi jankae A.Kern.

CYPERACEAE

Carex holostoma Drejer

* *Carex panormitana* Guss.

Eleocharis carniolica Koch

DIOSCOREACEAE

* *Borderea chouardii* (Gausson) Heslot

DROSERACEAE

Aldrovanda vesiculosa L.

ELATINACEAE

Elatine gussonei (Sommier) Brullo et al

ERICACEAE

Rhododendron luteum Sweet

EUPHORBIACEAE

* *Euphorbia margalidiana* Kuhbier & Lewejohann

Euphorbia transtagana Boiss.

GENTIANACEAE

* *Centaurium rigualii* Esteve

* *Centaurium somedanum* Lainz

Gentiana ligustica R. de Vilm. & Chopinet

Gentianella anglica (Pugsley) E. F. Warburg

* *Gentianella bohemica* Skalicky

GERANIACEAE

* *Erodium astragaloides* Boiss. & Reuter

Erodium paularense Fernández-González & Izco

* *Erodium rupicola* Boiss.

GLOBULARIACEAE

* *Globularia stygia* Orph. ex Boiss.

GRAMINEAE

Arctagrostis latifolia (R. Br.) Griseb.

Arctophila fulva (Trin.) N. J. Anderson

Avenula hackelii (Henriq.) Holub

Bromus grossus Desf. ex DC.

Calamagrostis chalybaea (Laest.) Fries

Cinna latifolia (Trev.) Griseb.

Coleanthus subtilis (Tratt.) Seidl

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

Festuca duriotagana Franco & R. Afonso

Festuca elegans Boiss.

Festuca henriquesii Hack.

Festuca summilusitana Franco & R. Afonso

Gaudinia hispanica Stace & Tutin

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

Micropyropsis tuberosa Romero — Zarco & Cabezudo

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

* *Poa riphaea* (Ascher et Graebner) Fritsch

Pseudarrhenatherum pallens (Link) J. Holub

Puccinellia phryganodes (Trin.) Scribner + Merr.

Puccinellia pungens (Pau) Paunero

* *Stipa austroitalica* Martinovsky

* *Stipa bavarica* Martinovsky & H. Scholz

Stipa danubialis Dihoru & Roman

* *Stipa styriaca* Martinovsky

* *Stipa veneta* Moraldo

* *Stipa zalesskii* Wilensky

Trisetum subalpestre (Hartman) Neuman

GROSSULARIACEAE

* *Ribes sardoum* Martelli

HIPPURIDACEAE

Hippuris tetraphylla L. Fil.

HYPERICACEAE

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

IRIDACEAE

Crocus cyprius Boiss. et Kotschy

Crocus hartmannianus Holmboe

Gladiolus palustris Gaud.

Iris aphylla L. subsp. *hungarica* Hegi

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

JUNCACEAE

Juncus valvatus Link*Luzula arctica* Blytt

LABIATAE

Dracocephalum austriacum L.* *Micromeria taygetea* P. H. Davis*Nepeta dirphyia* (Boiss.) Heldr. ex Halacsy* *Nepeta sphaciotica* P. H. Davis*Origanum dictamnus* L.*Phlomis brevibracteata* Turrill*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 lochiai* 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 radicum* Rottb. subsp. *hyperboreum* Nordh.

PLANTAGINACEAE

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

PLUMBAGINACEAE

Armeria berlengensis Daveau* *Armeria helodes* Martini & Pold*Armeria neglecta* Girard*Armeria pseudarmeria* (Murray) Mansfeld* *Armeria rouyana* Daveau*Armeria soleirolii* (Duby) Godron*Armeria velutina* Welw. ex Boiss. & Reuter*Limonium dodartii* (Girard) O. Kuntze subsp. *lusitanicum* (Daveau) Franco* *Limonium insulare* (Beg. & Landi) Arrig. & Diana*Limonium lanceolatum* (Hoffmans. & Link) Franco*Limonium multiflorum* Erben* *Limonium pseudolaetum* Arrig. & Diana* *Limonium strictissimum* (Salzmann) Arrig.

POLYGONACEAE

Persicaria foliosa (H. Lindb.) Kitag.*Polygonum praelongum* Coode & Cullen*Rumex rupestris* Le Gall

PRIMULACEAE

Androsace mathildae Levier*Androsace pyrenaica* Lam.* *Cyclamen fatrense* Halda et Sojak* *Primula apennina* Widmer*Primula carniolica* Jacq.*Primula nutans* Georgi*Primula palinuri* Petagna*Primula scandinavica* Bruun*Soldanella villosa* Darracq.

RANUNCULACEAE

* *Aconitum corsicum* Gayer (*Aconitum napellus* subsp. *corsicum*)*Aconitum firmum* (Reichenb.) Neilr subsp. *moravicum* Skalicky*Adonis distorta* Ten.*Aquilegia bertolonii* Schott*Aquilegia kitaibelii* Schott* *Aquilegia pyrenaica* D.C. subsp. *cazorlensis* (Heywood) Galiano* *Consolida samia* P.H. Davis* *Delphinium caseyi* B.L.Burt*Pulsatilla grandis* Wenderoth *Pulsatilla patens* (L.) Miller* *Pulsatilla pratensis* (L.) Miller subsp. *hungarica* Soo* *Pulsatilla slavica* G.Reuss.* *Pulsatilla subslavica* Futak ex Goliasova*Pulsatilla vulgaris* Hill. subsp. *gotlandica* (Johans.) 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-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.

PAPAVERACEAE

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

PLANTAGINACEAE

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

PLUMBAGINACEAE

- Armeria berlengensis* Daveau
 * *Armeria helodes* Martini & Pold
Armeria neglecta Girard
Armeria pseudarmeria (Murray) Mansfeld
 * *Armeria rouyana* Daveau
Armeria soleirolii (Duby) Godron
Armeria velutina Welw. ex Boiss. & Reuter
Limonium dodartii (Girard) O. Kuntze subsp. *lusitanicum* (Daveau) Franco
 * *Limonium insulare* (Beg. & Landi) Arrig. & Diana
Limonium lanceolatum (Hoffmans. & Link) Franco
Limonium multiflorum Erben
 * *Limonium pseudolaetum* Arrig. & Diana
 * *Limonium strictissimum* (Salzmann) Arrig.

POLYGONACEAE

- Persicaria foliosa* (H. Lindb.) Kitag.
Polygonum praelongum Coode & Cullen
Rumex rupestris Le Gall

PRIMULACEAE

- Androsace mathildae* Levier
Androsace pyrenaica Lam.
 * *Cyclamen fatrense* Halda et Sojak
 * *Primula apennina* Widmer
Primula carniolica Jacq.
Primula nutans Georgi
Primula palinuri Petagna
Primula scandinavica Bruun
Soldanella villosa Darracq.

RANUNCULACEAE

- * *Aconitum corsicum* Gayer (*Aconitum napellus* subsp. *corsicum*)
Aconitum firmum (Reichenb.) Neilr subsp. *moravicum* Skalicky

- Adonis distorta* Ten.
Aquilegia bertolonii Schott
Aquilegia kitaibelii Schott
 * *Aquilegia pyrenaica* D.C. subsp. *cazorlensis* (Heywood) Galiano
 * *Consolida samia* P.H. Davis
 * *Delphinium caseyi* B.L.Burt
Pulsatilla grandis Wenderoth *Pulsatilla patens* (L.) Miller
 * *Pulsatilla pratensis* (L.) Miller subsp. *hungarica* Soo
 * *Pulsatilla slavica* G.Reuss.
 * *Pulsatilla subslavica* Futak ex Goliašova
Pulsatilla vulgaris Hill. subsp. *gotlandica* (Johans.) 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-poppii Nyárády
 * *Pyrus magyrica* 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 ricardoii* 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)

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 Burt & Sund.

Hypochoeris oligocephala (Svent. & Bramw.) Lack

* *Lactuca watsoniana* Trel.

* *Onopordum nogalesii* Svent.

* *Onopordum carduelinum* Bolle

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

Phagnalon benettii Lowe

Stemmacantha cynaroides (Chr. Son. in Buch) Ditt

Sventenia bupleuroides Font Quer

* *Tanacetum ptarmiciflorum* Webb & Berth

CONVOLVULACEAE

* *Convolvulus caput-medusae* Lowe

* *Convolvulus lopez-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 lemnniana* 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 rivis-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)'

Schedule 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

<p>MAMMALS</p>	<p>Microtidae</p>
	<i>Microtus cabreræ</i>
<p>INSECTIVORA</p>	<p>Microtidae</p>
	<i>Microtus oeconomus arenicola</i>
<p>Erinaceidae</p>	<p>Microtidae</p>
<i>Erinaceus algirus</i>	<i>Microtus oeconomus mehelyi</i>
<p>Soricidae</p>	<p>Microtidae</p>
<i>Crocidura canariensis</i>	<i>Microtus tatricus</i>
<i>Crocidura sicula</i>	
<p>Talpidae</p>	<p>Zapodidae</p>
<i>Galemys pyrenaicus</i>	<i>Sicista betulina</i>
	<i>Sicista subtilis</i>
	<p>Hystricidae</p>
	<i>Hystrix cristata</i>
<p>MICROCHIROPTERA</p>	<p>CARNIVORA</p>
All species	<p>Canidae</p>
	<i>Alopex lagopus</i>
<p>MEGACHIROPTERA</p>	<p>Canidae</p>
<p>Pteropodidae</p>	<i>Canis lupus</i> (except the Greek populations north of the 39th parallel; Estonian populations, Spanish populations north of the Duero; Bulgarian, Latvian, Lithuanian, Polish, Slovak populations and Finnish populations within the reindeer management area as defined in paragraph 2 of the Finnish Act No 848/90 of 14 September 1990 on reindeer management)
<i>Rousettus aegyptiacus</i>	
<p>RODENTIA</p>	<p>Ursidae</p>
<p>Gliridae</p>	<i>Ursus arctos</i>
All species except <i>Glis glis</i> and <i>Eliomys quercinus</i>	<p>Mustelidae</p>
<p>Sciuridae</p>	<i>Lutra lutra</i>
<i>Marmota marmota latirostris</i>	<i>Mustela eversmannii</i>
<i>Pteromys volans</i> (<i>Sciuropterus ruscicus</i>)	<i>Mustela lutreola</i>
<i>Spermophilus citellus</i> (<i>Citellus citellus</i>)	<i>Vormela peregusna</i>
<i>Spermophilus suslicus</i> (<i>Citellus suslicus</i>)	<p>Felidae</p>
<i>Sciurus anomalus</i>	<i>Felis silvestris</i>
<p>Castoridae</p>	<i>Lynx lynx</i> (except the Estonian population)
<i>Castor fiber</i> (except the Estonian, Latvian, Lithuanian, Polish, Finnish and Swedish, populations)	<i>Lynx pardinus</i>
<p>Cricetidae</p>	<p>Phocidae</p>
<i>Cricetus cricetus</i> (except the Hungarian populations)	<i>Monachus monachus</i>
<i>Mesocricetus newtoni</i>	<i>Phoca hispida saimensis</i>

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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 phoxinus*

ATHERINIFORMES

Cyprinodontidae

Valencia hispanica

PERCIFORMES

Percidae

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

INVERTEBRATES

ARTHROPODS

CRUSTACEA

Isopoda

Armadillidium ghardalensis

INSECTA

Coleoptera

*Bolbelasmus unicornis**Buprestis splendens**Carabus hampei**Carabus hungaricus**Carabus olympiae**Carabus variolosus**Carabus zawadzskii**Cerambyx cerdo**Cucujus cinnaberinus**Dorcadion fulvum cervae**Duvalius gebhardti**Duvalius hungaricus**Dytiscus latissimus**Graphoderus bilineatus**Leptodirus hochenwarti**Pilemia tigrina**Osmoderma eremita**Phryganophilus ruficollis**Probaticus subrugosus**Propomacrus cypriacus**Pseudogaurotina excellens**Pseudoseriscius cameroni**Pytho kolwensis**Rosalia alpina*

Lepidoptera

*Apatura metis**Arytrura musculus**Catopta thrips**Chondrosoma fiduciarium**Coenonympha hero**Coenonympha oedippus**Colias myrmidone**Cucullia mixta**Dioszeghyana schmidtii**Erannis ankeraria**Erebia calcaria**Erebia christi**Erebia sudetica**Eriogaster catax**Fabriciana elisa**Glyphipterix loricatella**Gortyna borelii lunata**Hypodryas maturna**Hyles hippophaes**Leptidea morsei**Lignyopectera fumidaria**Lopinga achine**Lycaena dispar**Lycaena helle**Maculinea arion**Maculinea nausithous**Maculinea teleius*

Melanargia arge
Nymphalis vaualbum
Papilio alexanor
Papilio hospiton
Parnassius apollo
Parnassius mnemosyne
Phyllometra culminaria
Plebicula golgus
Polymixis rufocincta isolata
Polyommatus eroides
Proserpinus proserpina
Pseudophilotes bavius
Xylomoia strix
Zerynthia polyxena

Mantodea

Apteromantis aptera

Odonata

Aeshna viridis
Cordulegaster heros
Cordulegaster trinacriae
Gomphus graslinii
Leucorrhinia albifrons
Leucorrhinia caudalis
Leucorrhinia pectoralis
Lindenia tetraphylla
Macromia splendens
Ophiogomphus cecilia
Oxygastra curtisii
Stylurus flavipes
Sympecma braueri

Orthoptera

Baetica ustulata
Brachytrupes megacephalus
Isophya costata
Isophya harzi
Isophya stysi
Myrmecophilus baronii
Odontopodisma rubripes
Paracaloptenus caloptenoides
Pholidoptera transsylvanica
Saga pedo
Stenobothrus (Stenobothrodes) eurasius

ARACHNIDA

Araneae

Macrothele calpeiana

MOLLUSCS

GASTROPODA

Anisus vorticulus
Caseolus calculus
Caseolus commixta
Caseolus sphaerula
Chilostoma banaticum
Discula leacockiana
Discula tabellata
Discula testudinalis
Discula turricula
Discus defloratus
Discus guerinianus
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

Unionoidea

Margaritifera auricularia
Unio crassus

Dreissenidae

Congeria kusceri

ECHINODERMATA

Echinoidea

Centrostephanus longispinus

Schedule V (b) contains all the plant 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

Bellevia hackelli Freyn

Colchicum corsicum Baker

Colchicum cousturierii 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 athis W. Becker

Viola cazorlensis Gandoger

Schedule 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 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 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

COELENTERATA

CNIDARIA

*Corallium rubrum***MOLLUSCA**

GASTROPODA — STYLOMMATOPHORA

Helix pomatia

BIVALVIA — UNIONOIDA

Margaritiferidae

Margaritifera margaritifera

Unionidae

*Microcondylaea compressa**Unio elongatulus***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.**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***Malcolmia lacera* (L.) DC. subsp. *gracilima* (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".

