

[<sup>F1</sup>]<sup>F2</sup> ANNEX IV

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

**Textual Amendments**

- F1** Substituted by Council Directive 2006/105/EC of 20 November 2006 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.
- F2** Substituted by Council Directive 2013/17/EU of 13 May 2013 adapting certain directives in the field of environment, by reason of the accession of the Republic of Croatia.

(a) **ANIMALS**

**VERTEBRATES**

**MAMMALS**

**INSECTIVORA**

Erinaceidae

*Erinaceus algirus*

Soricidae

*Crocidura canariensis*

*Crocidura sicula*

Talpidae

*Galemys pyrenaicus*

**MICROCHIROPTERA**

All species

**MEGACHIROPTERA**

Pteropodidae

*Rousettus aegyptiacus*

**RODENTIA**

Gliridae

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

Sciuridae

*Marmota marmota latirostris*

*Pteromys volans (Sciuropterus russicus)*

*Spermophilus citellus (Citellus citellus)*

*Spermophilus suslicus (Citellus suslicus)*

*Sciurus anomalus*

Castoridae

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

Cricetidae

*Cricetus cricetus* (except the Hungarian populations)

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*Mesocricetus newtoni*

Microtidae

*Dinaromys bogdanovi*

*Microtus cabrerae*

*Microtus oeconomus arenicola*

*Microtus oeconomus mehelyi*

*Microtus taticus*

Zapodidae

*Sicista betulina*

*Sicista subtilis*

Hystricidae

*Hystrix cristata*

CARNIVORA

Canidae

*Alopex lagopus*

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

*Ursus arctos*

Mustelidae

*Lutra lutra*

*Mustela eversmannii*

*Mustela lutreola*

*Vormela peregusna*

Felidae

*Felis silvestris*

*Lynx lynx* (except the Estonian population)

*Lynx pardinus*

Phocidae

*Monachus monachus*

*Phoca hispida saimensis*

ARTIODACTYLA

Cervidae

*Cervus elaphus corsicanus*

Bovidae

*Bison bonasus*

*Capra aegagrus* (natural populations)

*Capra pyrenaica pyrenaica*

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

*Ovis orientalis ophion* (*Ovis gmelini ophion*)

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

*Rupicapra rupicapra balcanica*

*Rupicapra rupicapra tatra*

CETACEA

All species

REPTILES

TESTUDINATA

Testudinidae

*Testudo graeca*

*Testudo hermanni*

*Testudo marginata*

Cheloniidae

*Caretta caretta*

*Chelonia mydas*

*Lepidochelys kempii*

*Eretmochelys imbricata*

Dermochelyidae

*Dermochelys coriacea*

Emydidae

*Emys orbicularis*

*Mauremys caspica*

*Mauremys leprosa*

SAURIA

Lacertidae

*Algyroides fitzingeri*

*Algyroides marchi*

*Algyroides moreoticus*

*Algyroides nigropunctatus*

*Dalmatolacerta oxycephala*

*Dinarolacerta mosorensis*

*Gallotia atlantica*

*Gallotia galloti*

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*Gallotia galloti insulanagae*

*Gallotia simonyi*

*Gallotia stehlini*

*Lacerta agilis*

*Lacerta bedriagae*

*Lacerta bonnali (Lacerta monticola)*

*Lacerta monticola*

*Lacerta danfordi*

*Lacerta dugesii*

*Lacerta graeca*

*Lacerta horvathi*

*Lacerta schreiberi*

*Lacerta trilineata*

*Lacerta viridis*

*Lacerta vivipara pannonica*

*Ophisops elegans*

*Podarcis erhardii*

*Podarcis filfolensis*

*Podarcis hispanica atrata*

*Podarcis lilfordi*

*Podarcis melisellensis*

*Podarcis milensis*

*Podarcis muralis*

*Podarcis peloponnesiaca*

*Podarcis pityusensis*

*Podarcis sicula*

*Podarcis taurica*

*Podarcis tiliguerta*

*Podarcis wagleriana*

*Scincidae*

*Ablepharus 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*

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*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 jacchus*

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*

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*Hyla sarda*

FISH

ACIPENSERIFORMES

Acipenseridae

*Acipenser naccarii*

*Acipenser sturio*

SALMONIFORMES

Coregonidae

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

CYPRINIFORMES

Cyprinidae

*Anaecypris hispanica*

*Phoxinus percnurus*

ATHERINIFORMES

Cyprinodontidae

*Valencia hispanica*

PERCIFORMES

Percidae

*Gymnocephalus baloni*

*Romanichthys valsanicola*

*Zingel asper*

INVERTEBRATES

ARTHROPODS

CRUSTACEA

Isopoda

*Armadillidium ghardalamensis*

INSECTA

Coleoptera

*Bolbelasmus unicornis*

*Buprestis splendens*

*Carabus hampei*

*Carabus hungaricus*

*Carabus olympiae*

*Carabus variolosus*

*Carabus zawadszkii*

*Cerambyx cerdo*

*Cucujus cinnaberinus*

*Dorcadion fulvum cervae*

*Duvalius gebhardti*  
*Duvalius hungaricus*  
*Dytiscus latissimus*  
*Graphoderus bilineatus*  
*Leptodirus hochenwarti*  
*Pilemia tigrina*  
*Osmoderma eremita*  
*Phryganophilus ruficollis*  
*Probaticus subrugosus*  
*Propomacrus cypriacus*  
*Pseudogaurotina excellens*  
*Pseudoseriscius cameroni*  
*Pytho kolwensis*  
*Rosalia alpina*  
Lepidoptera  
*Apatura metis*  
*Arytrura musculus*  
*Catopta thrips*  
*Chondrosoma fiduciarium*  
*Coenonympha hero*  
*Coenonympha oedippus*  
*Colias myrmidone*  
*Cucullia mixta*  
*Dioszeghyana schmidtii*  
*Erannis ankeraria*  
*Erebia calcaria*  
*Erebia christi*  
*Erebia sudetica*  
*Eriogaster catax*  
*Fabriciana elisa*  
*Glyphipteryx loricatella*  
*Gortyna borelii lunata*

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*Hypodryas maturna*  
*Hyles hippophaes*  
*Leptidea morsei*  
*Lignyoptera fumidaria*  
*Lopinga achine*  
*Lycaena dispar*  
*Lycaena helle*  
*Maculinea arion*  
*Maculinea nausithous*  
*Maculinea teleius*  
*Melanargia arge*  
*Nymphalis vaualbum*  
*Papilio alexanor*  
*Papilio hospiton*  
*Parnassius apollo*  
*Parnassius mnemosyne*  
*Phyllometra culminaria*  
*Plebicula golgus*  
*Polymixis rufocincta isolata*  
*Polyommatus eroides*  
*Proserpinus proserpina*  
*Protibia afra dalmata*  
*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*

*Sympetrum 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*

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*Discus defloratus*  
*Discus guerinianus*  
*Elona quimperiana*  
*Geomalacus maculosus*  
*Geomitra moniziana*  
*Gibbula nivosa*  
*Hygromia kovacsi*  
*Idiomela (Helix) subplicata*  
*Lampedusa imitatrix*  
*Lampedusa melitensis*  
*Leiostyla abbreviata*  
*Leiostyla cassida*  
*Leiostyla corneocostata*  
*Leiostyla gibba*  
*Leiostyla lamellosa*  
*Paladilhia hungarica*  
*Patella ferruginea*  
*Sadleriana pannonica*  
*Theodoxus prevostianus*  
*Theodoxus transversalis*  
BIVALVIA  
Anisomyaria  
*Lithophaga lithophaga*  
*Pinna nobilis*  
Unionoida  
*Margaritifera auricularia*  
*Unio crassus*  
Dreissenidae  
*Congeria kusceri*  
ECHINODERMATA  
Echinoidea  
*Centrostephanus longispinus*]]