



European Treaty Series - No. 104

**CONVENTION ON THE CONSERVATION
OF EUROPEAN WILDLIFE AND NATURAL
HABITATS**

Bern, 19.IX.1979

Preamble

The member States of the Council of Europe and the other signatories hereto,

Considering that the aim of the Council of Europe is to achieve a greater unity between its members;

Considering the wish of the Council of Europe to co-operate with other States in the field of nature conservation;

Recognising that wild flora and fauna constitute a natural heritage of aesthetic, scientific, cultural, recreational, economic and intrinsic value that needs to be preserved and handed on to future generations;

Recognising the essential role played by wild flora and fauna in maintaining biological balances;

Noting that numerous species of wild flora and fauna are being seriously depleted and that some of them are threatened with extinction;

Aware that the conservation of natural habitats is a vital component of the protection and conservation of wild flora and fauna;

Recognising that the conservation of wild flora and fauna should be taken into consideration by the governments in their national goals and programmes, and that international co-operation should be established to protect migratory species in particular;

Bearing in mind the widespread requests for common action made by governments or by international bodies, in particular the requests expressed by the United Nations Conference on the Human Environment 1972 and the Consultative Assembly of the Council of Europe;

Desiring particularly to follow, in the field of wildlife conservation, the recommendations of Resolution No. 2 of the Second European Ministerial Conference on the Environment,

Have agreed as follows:

Chapter I – General provisions**Article 1**

- 1 The aims of this Convention are to conserve wild flora and fauna and their natural habitats, especially those species and habitats whose conservation requires the co-operation of several States, and to promote such co-operation.

- 2 Particular emphasis is given to endangered and vulnerable species, including endangered and vulnerable migratory species.

Article 2

The Contracting Parties shall take requisite measures to maintain the population of wild flora and fauna at, or adapt it to, a level which corresponds in particular to ecological, scientific and cultural requirements, while taking account of economic and recreational requirements and the needs of sub-species, varieties or forms at risk locally.

Article 3

- 1 Each Contracting Party shall take steps to promote national policies for the conservation of wild flora, wild fauna and natural habitats, with particular attention to endangered and vulnerable species, especially endemic ones, and endangered habitats, in accordance with the provisions of this Convention.
- 2 Each Contracting Party undertakes, in its planning and development policies and in its measures against pollution, to have regard to the conservation of wild flora and fauna.
- 3 Each Contracting Party shall promote education and disseminate general information on the need to conserve species of wild flora and fauna and their habitats.

Chapter II – Protection of habitats

Article 4

- 1 Each Contracting Party shall take appropriate and necessary legislative and administrative measures to ensure the conservation of the habitats of the wild flora and fauna species, especially those specified in Appendices I and II, and the conservation of endangered natural habitats.
- 2 The Contracting Parties in their planning and development policies shall have regard to the conservation requirements of the areas protected under the preceding paragraph, so as to avoid or minimise as far as possible any deterioration of such areas.
- 3 The Contracting Parties undertake to give special attention to the protection of areas that are of importance for the migratory species specified in Appendices II and III and which are appropriately situated in relation to migration routes, as wintering, staging, feeding, breeding or moulting areas.
- 4 The Contracting Parties undertake to co-ordinate as appropriate their efforts for the protection of the natural habitats referred to in this article when these are situated in frontier areas.

Chapter III – Protection of species**Article 5**

Each Contracting Party shall take appropriate and necessary legislative and administrative measures to ensure the special protection of the wild flora species specified in Appendix I. Deliberate picking, collecting, cutting or uprooting of such plants shall be prohibited. Each Contracting Party shall, as appropriate, prohibit the possession or sale of these species.

Article 6

Each Contracting Party shall take appropriate and necessary legislative and administrative measures to ensure the special protection of the wild fauna species specified in Appendix II. The following will in particular be prohibited for these species:

- a all forms of deliberate capture and keeping and deliberate killing;
- b the deliberate damage to or destruction of breeding or resting sites;
- c the deliberate disturbance of wild fauna, particularly during the period of breeding, rearing and hibernation, insofar as disturbance would be significant in relation to the objectives of this Convention;
- d the deliberate destruction or taking of eggs from the wild or keeping these eggs even if empty;
- e the possession of and internal trade in these animals, alive or dead, including stuffed animals and any readily recognisable part or derivative thereof, where this would contribute to the effectiveness of the provisions of this article.

Article 7

- 1 Each Contracting Party shall take appropriate and necessary legislative and administrative measures to ensure the protection of the wild fauna species specified in Appendix III.
- 2 Any exploitation of wild fauna specified in Appendix III shall be regulated in order to keep the populations out of danger, taking into account the requirements of Article 2.
- 3 Measures to be taken shall include:
 - a closed seasons and/or other procedures regulating the exploitation;
 - b the temporary or local prohibition of exploitation, as appropriate, in order to restore satisfactory population levels;
 - c the regulation as appropriate of sale, keeping for sale, transport for sale or offering for sale of live and dead wild animals.

Article 8

In respect of the capture or killing of wild fauna species specified in Appendix III and in cases where, in accordance with Article 9, exceptions are applied to species specified in Appendix II, Contracting Parties shall prohibit the use of all indiscriminate means of capture and killing and the use of all means capable of causing local disappearance of, or serious disturbance to, populations of a species, and in particular, the means specified in Appendix IV.

Article 9

- 1 Each Contracting Party may make exceptions from the provisions of Articles 4, 5, 6, 7 and from the prohibition of the use of the means mentioned in Article 8 provided that there is no other satisfactory solution and that the exception will not be detrimental to the survival of the population concerned:
 - for the protection of flora and fauna;
 - to prevent serious damage to crops, livestock, forests, fisheries, water and other forms of property;
 - in the interests of public health and safety, air safety or other overriding public interests;
 - for the purposes of research and education, of repopulation, of reintroduction and for the necessary breeding;
 - to permit, under strictly supervised conditions, on a selective basis and to a limited extent, the taking, keeping or other judicious exploitation of certain wild animals and plants in small numbers.
- 2 The Contracting Parties shall report every two years to the Standing Committee on the exceptions made under the preceding paragraph. These reports must specify:
 - the populations which are or have been subject to the exceptions and, when practical, the number of specimens involved;
 - the means authorised for the killing or capture;
 - the conditions of risk and the circumstances of time and place under which such exceptions were granted;
 - the authority empowered to declare that these conditions have been fulfilled, and to take decisions in respect of the means that may be used, their limits and the persons instructed to carry them out;
 - the controls involved.

Chapter IV – Special provisions for migratory species**Article 10**

- 1 The Contracting Parties undertake, in addition to the measures specified in Articles 4, 6, 7 and 8, to co-ordinate their efforts for the protection of the migratory species specified in Appendices II and III whose range extends into their territories.
- 2 The Contracting Parties shall take measures to seek to ensure that the closed seasons and/or other procedures regulating the exploitation established under paragraph 3.a of Article 7 are adequate and appropriately disposed to meet the requirements of the migratory species specified in Appendix III.

Chapter V – Supplementary provisions**Article 11**

- 1 In carrying out the provisions of this Convention, the Contracting Parties undertake:
 - a to co-operate whenever appropriate and in particular where this would enhance the effectiveness of measures taken under other articles of this Convention;
 - b to encourage and co-ordinate research related to the purposes of this Convention.
- 2 Each Contracting Party undertakes:
 - a to encourage the reintroduction of native species of wild flora and fauna when this would contribute to the conservation of an endangered species, provided that a study is first made in the light of the experiences of other Contracting Parties to establish that such reintroduction would be effective and acceptable;
 - b to strictly control the introduction of non-native species.
- 3 Each Contracting Party shall inform the Standing Committee of the species receiving complete protection on its territory and not included in Appendices I and II.

Article 12

The Contracting Parties may adopt stricter measures for the conservation of wild flora and fauna and their natural habitats than those provided under this Convention.

Chapter VI – Standing Committee**Article 13**

- 1 For the purposes of this Convention, a Standing Committee shall be set up.

- 2 Any Contracting Party may be represented on the Standing Committee by one or more delegates. Each delegation shall have one vote. Within the areas of its competence, the European Economic Community shall exercise its right to vote with a number of votes equal to the number of its member States which are Contracting Parties to this Convention; the European Economic Community shall not exercise its right to vote in cases where the member States concerned exercise theirs, and conversely.
- 3 Any member State of the Council of Europe which is not a Contracting Party to the Convention may be represented on the committee as an observer.

The Standing Committee may, by unanimous decision, invite any non-member State of the Council of Europe which is not a Contracting Party to the Convention to be represented by an observer at one of its meetings.

Any body or agency technically qualified in the protection, conservation or management of wild fauna and flora and their habitats, and belonging to one of the following categories:

- a international agencies or bodies, either governmental or non-governmental, and national governmental agencies or bodies;
 - b national non-governmental agencies or bodies which have been approved for this purpose by the State in which they are located, may inform the Secretary General of the Council of Europe, at least three months before the meeting of the Committee, of its wish to be represented at that meeting by observers. They shall be admitted unless, at least one month before the meeting, one-third of the Contracting Parties have informed the Secretary General of their objection.
- 4 The Standing Committee shall be convened by the Secretary General of the Council of Europe. Its first meeting shall be held within one year of the date of the entry into force of the Convention. It shall subsequently meet at least every two years and whenever a majority of the Contracting Parties so request.
 - 5 A majority of the Contracting Parties shall constitute a quorum for holding a meeting of the Standing Committee.
 - 6 Subject to the provisions of this Convention, the Standing Committee shall draw up its own Rules of Procedure.

Article 14

- 1 The Standing Committee shall be responsible for following the application of this Convention. It may in particular:
 - keep under review the provisions of this Convention, including its appendices, and examine any modifications necessary;
 - make recommendations to the Contracting Parties concerning measures to be taken for the purposes of this Convention;
 - recommend the appropriate measures to keep the public informed about the activities undertaken within the framework of this Convention;

- make recommendations to the Committee of Ministers concerning non-member States of the Council of Europe to be invited to accede to this Convention;
 - make any proposal for improving the effectiveness of this Convention, including proposals for the conclusion, with the States which are not Contracting Parties to the Convention, of agreements that would enhance the effective conservation of species or groups of species.
- 2 In order to discharge its functions, the Standing Committee may, on its own initiative, arrange for meetings of groups of experts.

Article 15

After each meeting, the Standing Committee shall forward to the Committee of Ministers of the Council of Europe a report on its work and on the functioning of the Convention.

Chapter VII – Amendments

Article 16

- 1 Any amendment to the articles of this Convention proposed by a Contracting Party or the Committee of Ministers shall be communicated to the Secretary General of the Council of Europe and forwarded by him at least two months before the meeting of the Standing Committee to the member States of the Council of Europe, to any signatory, to any Contracting Party, to any State invited to sign this Convention in accordance with the provisions of Article 19 and to any State invited to accede to it in accordance with the provisions of Article 20.
- 2 Any amendment proposed in accordance with the provisions of the preceding paragraph shall be examined by the Standing Committee which:
- a for amendments to Articles 1 to 12, shall submit the text adopted by a three-quarters majority of the votes cast to the Contracting Parties for acceptance;
 - b for amendments to Articles 13 to 24, shall submit the text adopted by a three-quarters majority of the votes cast to the Committee of Ministers for approval. After its approval, this text shall be forwarded to the Contracting Parties for acceptance.
- 3 Any amendment shall enter into force on the thirtieth day after all the Contracting Parties have informed the Secretary General that they have accepted it.
- 4 The provisions of paragraphs 1, 2.a and 3 of this article shall apply to the adoption of new appendices to this Convention.

Article 17

- 1 Any amendment to the appendices of this Convention proposed by a Contracting Party or the Committee of Ministers shall be communicated to the Secretary General of the Council of Europe and forwarded by him at least two months before the meeting of the Standing Committee to the member States of the Council of Europe, to any signatory, to any Contracting Party, to any State invited to sign this Convention in accordance with the provisions of Article 19 and to any State invited to accede to it in accordance with the provisions of Article 20.

- 2 Any amendment proposed in accordance with the provisions of the preceding paragraph shall be examined by the Standing Committee, which may adopt it by a two-thirds majority of the Contracting Parties. The text adopted shall be forwarded to the Contracting Parties.
- 3 Three months after its adoption by the Standing Committee and unless one-third of the Contracting Parties have notified objections, any amendment shall enter into force for those Contracting Parties which have not notified objections.

Chapter VIII – Settlement of disputes

Article 18

- 1 The Standing Committee shall use its best endeavours to facilitate a friendly settlement of any difficulty to which the execution of this Convention may give rise.
- 2 Any dispute between Contracting Parties concerning the interpretation or application of this Convention which has not been settled on the basis of the provisions of the preceding paragraph or by negotiation between the parties concerned shall, unless the said parties agree otherwise, be submitted, at the request of one of them, to arbitration. Each party shall designate an arbitrator and the two arbitrators shall designate a third arbitrator. Subject to the provisions of paragraph 3 of this article, if one of the parties has not designated its arbitrator within the three months following the request for arbitration, he shall be designated at the request of the other party by the President of the European Court of Human Rights within a further three months' period. The same procedure shall be observed if the arbitrators cannot agree on the choice of the third arbitrator within the three months following the designation of the two first arbitrators.
- 3 In the event of a dispute between two Contracting Parties one of which is a member State of the European Economic Community, the latter itself being a Contracting Party, the other Contracting Party shall address the request for arbitration both to the member State and to the Community, which jointly shall notify it, within two months of receipt of the request, whether the member State or the Community, or the member and the Community jointly, shall be party to the dispute. In the absence of such notification within the said time limit, the member State and the Community shall be considered as being one and the same party to the dispute for the purposes of the application of the provisions governing the constitution and procedure of the arbitration tribunal. The same shall apply when the member State and the Community jointly present themselves as party to the dispute.
- 4 The arbitration tribunal shall draw up its own Rules of Procedure. Its decisions shall be taken by majority vote. Its award shall be final and binding.
- 5 Each party to the dispute shall bear the expenses of the arbitrator designated by it and the parties shall share equally the expenses of the third arbitrator, as well as other costs entailed by the arbitration.

Chapter IX – Final provisions

Article 19

- 1 This Convention shall be open for signature by the member States of the Council of Europe and non-member States which have participated in its elaboration and by the European Economic Community.

Up until the date when the Convention enters into force, it shall also be open for signature by any other State so invited by the Committee of Ministers.

The Convention is subject to ratification, acceptance or approval. Instruments of ratification, acceptance or approval shall be deposited with the Secretary General of the Council of Europe.

- 2 The Convention shall enter into force on the first day of the month following the expiry of a period of three months after the date on which five States, including at least four member States of the Council of Europe, have expressed their consent to be bound by the Convention in accordance with the provisions of the preceding paragraph.
- 3 In respect of any signatory State or the European Economic Community which subsequently express their consent to be bound by it, the Convention shall enter into force on the first day of the month following the expiry of a period of three months after the date of the deposit of the instrument of ratification, acceptance or approval.

Article 20

- 1 After the entry into force of this Convention, the Committee of Ministers of the Council of Europe, after consulting the Contracting Parties, may invite to accede to the Convention any non-member State of the Council which, invited to sign in accordance with the provisions of Article 19, has not yet done so, and any other non-member State.
- 2 In respect of any acceding State, the Convention shall enter into force on the first day of the month following the expiry of a period of three months after the date of the deposit of the instrument of accession with the Secretary General of the Council of Europe.

Article 21

- 1 Any State may, at the time of signature or when depositing its instrument of ratification, acceptance, approval or accession, specify the territory or territories to which this Convention shall apply.
- 2 Any Contracting Party may, when depositing its instrument of ratification, acceptance, approval or accession or at any later date, by declaration addressed to the Secretary General of the Council of Europe, extend the application of this Convention to any other territory specified in the declaration and for whose international relations it is responsible or on whose behalf it is authorised to give undertakings.
- 3 Any declaration made under the preceding paragraph may, in respect of any territory mentioned in such declaration, be withdrawn by notification addressed to the Secretary General. Such withdrawal shall become effective on the first day of the month following the expiry of a period of six months after the date of receipt of the notification by the Secretary General.

Article 22

- 1 Any State may, at the time of signature or when depositing its instrument of ratification, acceptance, approval or accession, make one or more reservations regarding certain species specified in Appendices I to III and/or, for certain species mentioned in the reservation or reservations, regarding certain means or methods of killing, capture and other exploitation listed in Appendix IV. No reservations of a general nature may be made.

- 2 Any Contracting Party which extends the application of this Convention to a territory mentioned in the declaration referred to in paragraph 2 of Article 21 may, in respect of the territory concerned, make one or more reservations in accordance with the provisions of the preceding paragraph.
- 3 No other reservation may be made.
- 4 Any Contracting Party which has made a reservation under paragraphs 1 and 2 of this article may wholly or partly withdraw it by means of a notification addressed to the Secretary General of the Council of Europe. Such withdrawal shall take effect as from the date of receipt of the notification by the Secretary General.

Article 23

- 1 Any Contracting Party may, at any time, denounce this Convention by means of a notification addressed to the Secretary General of the Council of Europe.
- 2 Such denunciation shall become effective on the first day of the month following the expiry of a period of six months after the date of receipt of the notification by the Secretary General.

Article 24

The Secretary General of the Council of Europe shall notify the member States of the Council of Europe, any signatory State, the European Economic Community if a signatory of this Convention and any Contracting Party of:

- a any signature;
- b the deposit of any instrument of ratification, acceptance, approval or accession;
- c any date of entry into force of this Convention in accordance with Articles 19 and 20;
- d any information forwarded under the provisions of paragraph 3 of Article 13;
- e any report established in pursuance of the provisions of Article 15;
- f any amendment or any new appendix adopted in accordance with Articles 16 and 17 and the date on which the amendment or new appendix comes into force;
- g any declaration made under the provisions of paragraphs 2 and 3 of Article 21;
- h any reservation made under the provisions of paragraphs 1 and 2 of Article 22;
- i the withdrawal of any reservation carried out under the provisions of paragraph 4 of Article 22;

- j any notification made under the provisions of Article 23 and the date on which the denunciation takes effect.

In witness whereof the undersigned, being duly authorised thereto, have signed this Convention.

Done at Bern, this 19th day of September 1979, in English and French, both texts being equally authentic, in a single copy which shall be deposited in the archives of the Council of Europe. The Secretary General of the Council of Europe shall transmit certified copies to each member State of the Council of Europe, to any signatory State, to the European Economic Community if a signatory and to any State invited to sign this Convention or to accede thereto.

APPENDIX I / ANNEXE I ¹

STRICTLY PROTECTED FLORA SPECIES
ESPÈCES DE FLORE STRICTEMENT PROTÉGÉES

(Med.) = in the Mediterranean/en Méditerranée

PTERIDOPHYTA

ASPLENIACEAE

Asplenium hemionitis L.
Asplenium jahandiezii (Litard.) Rouy

BLECHNACEAE

Woodwardia radicans (L.) Sm.

DICKSONIACEAE

Culcita macrocarpa C.Presl

DRYOPTERIDACEAE

Dryopteris corleyi Fraser-Jenk.

HYMENOPHYLLACEAE

Trichomanes speciosum Willd.

ISOETACEAE

Isoetes boryana Durieu
Isoetes malinverniana Ces. & De Not.

MARSILEACEAE

Marsilea batardae Launert
Marsilea quadrifolia L.
Marsilea strigosa Willd.
Pilularia minuta Durieu ex.Braun

OPHIOGLOSSACEAE

Botrychium matricariifolium A. Braun ex Koch
Botrychium multifidum (S. G. Gmelin) Rupr.
Botrychium simplex Hitchc.
Ophioglossum polyphyllum A.Braun

SALVINIACEAE

Salvinia natans (L.) All.

GYMNOSPERMAE

CUPRESSACEAE

Tetraclinis articulata (Vahl) Masters

PINACEAE

Abies nebrodensis (Lojac.) Mattei

ANGIOSPERMAE

ALISMACEAE

Alisma wahlenbergii (O.R.Holmb.) Juz.
Caldesia parnassifolia (L.) Parl.

AMARYLLIDACEAE

Leucojum nicaeense Ard.
Narcissus angustifolius Curt.
Narcissus longispathus Pugsley
Narcissus nevadensis Pugsley
Narcissus scaberulus Henriq.
Narcissus triandrus L.
Narcissus viridiflorus Schousboe
Sternbergia candida B. Mathew & Baytop

APOCYNACEAE

Rhazya orientalis (Decaisne) A.DC.

ARACEAE

Arum purpureospathum Boyce

ARISTOLOCHIACEAE

Aristolochia samsunensis Davis

ASCLEPIADACEAE

Vincetoxicum pannonicum (Borhidi) Holub

BORAGINACEAE

Alkanna pinardii Boiss.
Anchusa crispa Viv. (inclu. A. litoreae Moris)
Lithodora nitida (H.Ern) R.Fernandes
Myosotis praecox Hülphers
Myosotis rehsteineri Wartm.
Omphalodes kuzinskyana Willk.
Omphalodes littoralis Lehm.
Onosma halophilum Boiss. & Heldr.
Onosma polyphylla Lebed.
Onosma proponticum Aznav.
Onosma tornensis Javorka
Onosma troodi Kotschy
Solenanthes albanicus (Degen & Baldacci)
Degen & Baldacci
Symphytum cycladense Pawl.

CAMPANULACEAE

Asyneuma giganteum (Boiss.) Bornm.
Campanula abietina Griseb. et Schenk.
Campanula damboldtiana Davis
Campanula gelida Kovanda
Campanula lanata Friv.
Campanula lycica Sorger & Kit Tan
Campanula morettiana Reichenb.
Campanula romanica Savul.
Campanula sabatia De Not.
Jasione lusitanica A.DC.

¹ Status in force since 1 March 2002. The Appendices are regularly revised by the Standing Committee./Etat en vigueur depuis le 1er mars 2002. Les annexes sont régulièrement révisées par le Comité permanent.

Luronium natans (L.) Raf.

CARYOPHYLLACEAE

Arenaria nevadensis Boiss. & Reuter
Arenaria provincialis Chater & Halliday
Cerastium alsinifolium Tausch
Dianthus hypanicus Andr.
Dianthus nitidus Waldst. et Kit.
Dianthus rupicola Biv.
Dianthus serotinus Waldst. et Kit.
Dianthus urumoffii Stoj. et Acht.
Gypsophila papillosa P. Porta
Herniaria algarvica Chaudri
Herniaria maritima Link
Minuartia smejkalii Dvorakova
Moehringia fontqueri Pau
Moehringia hypanica Grynj. et Klok.
Moehringia jankae Griseb. ex Janka
Moehringia tommasinii Marches.
Petrocoptis grandiflora Rothm.
Petrocoptis montsicciana O. Bolós & Rivas Mart.
Petrocoptis pseudoviscosa Fernández Casas
Saponaria halophila Hedge & Hub.-Mor.
Silene cretacea Fisch. ex Spreng.
Silene furcata Raf. subsp. angustiflora (Rupr.) Walters
Silene haussknechtii Heldr. ex Hausskn.
Silene hifacensis Rouy ex Willk.
Silene holzmannii Heldr. ex Boiss.
Silene mariana Pau
Silene orphanidis Boiss.
Silene pompeiopolitana Gay ex Boiss.
Silene rothmaleri Pinto da Silva
Silene salsuginea Hub.-Mor.
Silene sangaria Coode & Cullen
Silene velutina Pourret ex Loisel.

CHENOPODIACEAE

Beta adanensis Pamuk. apud Aellen
Beta trojana Pamuk. apud Aellen
Cremnophyton lanfrancoi Brullo et Pavone
Kalidiopsis wagenitzii Aellen
Kochia saxicola Guss.
Microcnemum coralloides (Loscos & Pardo) Font Quer subsp.
anatolicum Wagenitz
Salicornia veneta Pignatti & Lausi
Salsola anatolica Aellen
Suaeda cucullata Aellen

CISTACEAE

Helianthemum alypoides Losa & Rivas Goday
Helianthemum arcticum (Grosser) Janch.
Helianthemum caput-felis Boiss.
Tuberaria major (Willk.) Pinto da Silva & Rozeira

COMPOSITAE

Achillea glaberrima Klok.
Achillea thracica Velen.
Anacyclus latealatus Hub.-Mor.
Andryala levitomentosa (E. I. Nayardy) P. D. Sell
Anthemis glaberrima (Rech.f.) Greuter
Anthemis halophila Boiss. & Bal.
Anthemis trotzkiana Claus ex Bunge.

Physoplexis comosa (L.) Schur
Trachelium asperuloides Boiss. & Orph.

Artemisia laciniata Willd.
Artemisia pancicii (Janka) Ronn.
Aster pyrenaeus Desf. ex DC.,
Aster sibiricus L.
Carduus myriacanthus Salzm. ex DC.
Carlina diae (Rech.f.) Meusel & Kastner
Carlina onopordifolia Besser
Centaurea alba L. subsp. heldreichii (Halacsy) Dostal
(Centaurea heldreichii Halacsy)
Centaurea alba L. subsp. princeps (Boiss. & Heldr.)
Gugler (Centaurea princeps Boiss. & Heldr.)
Centaurea akamatis Th. Georgiades & G. Chatzikiriakou
Centaurea attica Nyman subsp. megarensis
(Halacsy & Hayek) Dostal (Centaurea
megarensis Halacsy & Hayek)
Centaurea balearica J.D. Rodriguez
Centaurea borjajae Valdes-Berm. & Rivas Goday
Centaurea citricolor Font Quer
Centaurea corymbosa Pourret
Centaurea dubjanskyi Iljin.
Centaurea hermannii F. Hermann
Centaurea horrida Badaro
Centaurea jankae Brandza
Centaurea kalambakensis Freyn & Sint.
Centaurea kartschiana Scop.
Centaurea lactiflora Halacsy
Centaurea niederi Heldr.
Centaurea peucedanifolia Boiss. & Orph.
Centaurea pineticola Iljin.
Centaurea pinnata Pau
Centaurea pontica Prodan & E. I. Nayardy
Centaurea pseudoleucolepis Kleop
Centaurea pulvinata (G. Blanca) G. Blanca
Centaurea tchihatcheffii Fich. & Mey.
Crepis crocifolia Boiss. & Heldr.
Crepis granatensis (Willk.) G. Blanca & M. Cueto
Crepis purpurea (Willd.) Bieb.
Dendranthema zawadskyi (Herb.) Tzvel.
Erigeron frigidus Boiss. ex DC.
Helichrysum melitense (Pignatti) Brullo, Lanfranco,
Pavone et Ronsisvalle
Helichrysum sibthorpii Rouy
Hymenostemma pseudanthemis (Kunze) Willd.
Jurinea cyanoides (L.) Reichenb.
Jurinea fontqueri Cuatrec.
Lagoseris purpurea (Willd.) Boiss.
Lamyropsis microcephala (Moris) Dittrich & Greuter
Leontodon boryi Boiss. ex DC.
Leontodon microcephalus (Boiss. ex DC.) Boiss.
Leontodon siculus (Guss.) Finch & Sell
Ligularia sibirica (L.) Cass.
Palaeocyanus crassifolius (Bertoloni) Dostál
Picris willkommii (Schultz Bip.) Nyman
Santolina elegans Boiss. ex DC.
Senecio elodes Boiss. ex DC.
Senecio nevadensis Boiss. & Reuter
Serratula tanaitica P. Smirn.
Sonchus erzincanicus Matthews
Wagenitzia lancifolia (Sieber ex Sprengel) Dostal

Artemisia granatensis Boiss.
Artemisia insipida Vill.

CONVOLVULACEAE

Convolvulus argyrothamnus Greuter
Convolvulus pulvinatus Sa'ad

CRUCIFERAE

Alyssum akamasicum B.L.Burt
Alyssum borzaeanum E. I. Nayardy
Alyssum pyrenaicum Lapeyr. (*Ptilotrichum pyrenaicum*
(Lapeyr.) Boiss.)
Arabis kennedyae Meikle
Armoracia macrocarpa (Waldst. & Kit.) Kit. ex
Baumg.
Aurinia uechtritziana (Borm.) Cullen et T. R.
Dudley
Biscutella neustrica Bonnet
Boleum asperum (Pers.) Desvaux
Brassica glabrescens Poldini
Brassica hilarionis Post
Brassica insularis Moris
Brassica macrocarpa Guss.
Brassica sylvestris (L.) Mill. subsp. *taurica* Tzvel.
Braya purpurascens (R.Br.) Bunge
Cochlearia polonica Fröhlich
Coincya rupestris Rouy (*Hutera rupestris* P. Porta)
Coronopus navasii Pau
Crambe koktebelica (Junge) N. Busch.
Crambe litwinowii K. Gross.
Diplotaxis ibicensis (Pau) Gomez-Campo
Diplotaxis siettiana Maire
Draba dorneri Heuffel
Erucastrum palustre (Pirona) Vis.
Erysimum pieninicum (Zapal.) Pawl.
Iberis arbuscula Runemark
Ionopsidium acaule (Desf.) Reichemb.
Ionopsidium savianum (Caruel) Ball ex Arcang.
Lepidium turczaninowii Lipsky.
Murbeckiella sousae Rothm.
Schivereckia podolica (Besser) Andrz.
Sisymbrium cavanillesianum Valdes & Castroviejo
(*S. matritense* P.W.Ball & Heywood)
Sisymbrium confertum Stev.
Sisymbrium supinum L.
Thlaspi carriense A.Carlström
Thlaspi jankae A. Kern

CYPERACEAE

Carex secalina Willd. ex Wahlenb.
Eleocharis carniolica Koch

DIOSCOREACEAE

Borderea chouardii (Gaussen) Heslot

DIPSACACEAE

Dipsacus cephalarioides Mathews & Kupicha

DROSERACEAE

Aldrovanda vesiculosa L.

ERICACEAE

Vaccinium arctostaphylos L.

EUPHORBIACEAE

Euphorbia margalidiana Kuhbier & Lewejohann
Euphorbia nevadensis Boiss. & Reuter

GENTIANACEAE

Centaurium rigualii Esteve Chueca
Centaurium somedanum Lainz
Gentiana ligustica R. de Vilm. & Chopinet
Gentianella anglica (Pugsley) E.F.Warburg

GERANIACEAE

Erodium astragaloides Boiss. & Reuter
Erodium chrysanthum L'Herit. ex DC.
Erodium paularense Fernández-González & Izco
Erodium rupicola Boiss.

GESNERIACEAE

Haberlea rhodopensis Friv.
Jankaea heldreichii (Boiss.) Boiss.
Ramonda serbica Pancic

GRAMINEAE

Avenula hackelii (Henriq.) Holub
Bromus bromoideus (Lej.) Crepin
Bromus grossus Desf. ex DC.
Bromus interruptus (Hackel) Druce
Bromus moesiacus Velen.
Bromus psammophilus P.M.Smith
Coleanthus subtilis (Tratt.) Seidl
Eremopoa mardinensis R.Mill
Gaudinia hispanica Stace & Tutin
Micropyropsis tuberosa Romero-Zarco Cabezudo
Poa granitica Br.-Bl.
Poa riphaea (Ascherson et Graebner) Fritsch
Puccinellia pungens (Pau) Paunero
Stipa austroitalica Martinovsky
Stipa bavarica Martinovsky & H.Scholz
Stipa danubialis Dihoru & Roman
Stipa styriaca Martinovsky
Stipa syreistschikowii P. Smirn.
Trisetum subalpestre (Hartm.) Neuman

GROSSULARIACEAE

Ribes sardoum Martelli

HYPERICACEAE

Hypericum aciferum (Greuter) N.K.B.Robson
Hypericum salsugineum Robson & Hub.-Mor.

IRIDACEAE

Crocus abantensis T.Baytop & Mathew
Crocus cyprius Boiss. & Kotschy
Crocus etruscus Parl.
Crocus hartmannianus Holmboe
Crocus robertianus C.D. Brickell
Gladiolus felicis Mirek
Iris marsica Ricci & Colasante

LABIATAE

Dracocephalum austriacum L.

Nepeta dirphyra (Boiss.) Heldr. ex Halacsy
Nepeta sphaciotica P.H.Davis
Origanum cordifolium (Auch. & Montbr.)
 Vogel (*Amaracus cordifolium* Auch. & Montr.)
Origanum dictamnus L.
Origanum scabrum Boiss. & Heldr
Phlomis brevibracteata Turrill
Phlomis cypria Post
Rosmarinus tomentosus Hub.-Mor. & Maire
Salvia crassifolia Sibth. & Smith
Sideritis cypria Post
Sideritis incana L. subsp. *glauca* (Cav.) Malagarriaga
Sideritis javalambrensis Pau
Sideritis serrata Cav. ex Lag.
Teucrium charidemi Sandwith
Teucrium lamiifolium D'Urv.
Teucrium lepicephalum Pau
Teucrium turredanum Losa & Rivas Goday
Thymus aznavourii Velen.
Thymus camphoratus Hoffmanns. & Link
Thymus carnosus Boiss.
Thymus cephalotos L.

LEGUMINOSAE

Anthyllis hystrix Cardona, Contandr. & E.Sierra
Astragalus aitosensis Ivanisch.
Astragalus algarbiensis Coss. ex Bunge
Astragalus aquilanus Anzalone
Astragalus centralpinus Braun-Blanquet
Astragalus kungurensis Boris.
Astragalus macrocarpus DC. subsp. *lefkarensis*
 Agerer-Kirchoff & Meikle
Astragalus maritimus Moris
Astragalus peterfii Jav.
Astragalus physocalyx Fischer
Astragalus psedopurpureus Gusul.
Astragalus setosulus Gontsch.
Astragalus tanaiticus C. Koch.
Astragalus tremolsianus Pau
Astragalus verrucosus Moris
Cytisus aeolicus Guss. ex Lindl.
Genista dorycnifolia Font Quer
Genista holopetala (Fleischm. ex Koch) Baldacci
Genista tetragona Bess.
Glycyrrhiza iconica Hub.-Mor.
Hedysarum razoumovianum Fisch. et Helm.
Ononis maweana Ball
Oxytropis deflexa (Pallas) DC. subsp. *norvegica* Nordh.
Sphaerophysa kotschyana Boiss.
Thermopsis turcica Kit Tan, Vural & Küçüködü
Trifolium banaticum (Heuffel) Majovsky
Trifolium pachycalyx Zoh.
Trifolium saxatile All.
Trigonella arenicola Hub.-Mor.
Trigonella halophila Boiss.
Trigonella polycarpa Boiss. & Heldr.
Vicia bifoliolata J.D.Rodriguez

LENTIBULARIACEAE

Pinguicula crystallina Sibth. & Sm.

Dracocephalum ruyschiana L.
Micromeria taygetea P.H.Davis

LILIACEAE

Allium grosii Font Quer
Allium regelianum A. Beck.
Allium vuralii Kit Tan
Androcymbium europaeum (Lange) K.Richter
Androcymbium rechingeri Greuter
Asparagus lycaonicus Davis
Asphodelus bento-rainhae Pinto da Silva
Chionodoxa lochiai Meikle
Chionodoxa luciliae Boiss.
Colchicum arenarium Waldst. & Kit.
Colchicum corsicum Baker
Colchicum cousturieri Greuter
Colchicum davidovii Stef.
Colchicum fominii Bordz.
Colchicum micranthum Boiss.
Fritillaria conica Boiss.
Fritillaria drenovskii Degen & Stoy.
Fritillaria epirotica Turrill ex Rix
Fritillaria euboeica Rix
Fritillaria graeca Boiss.
Fritillaria gussichiae (Degen & Doerfler) Rix
Fritillaria montana Hoppe.
Fritillaria obliqua Ker-Gawl.
Fritillaria rhodocanakis Orph. ex Baker
Fritillaria tuntasia Heldr. ex Halacsy
Lilium jankae A. Kerner
Lilium rhodopaeum Delip.
Muscari gussonei (Parl.) Tod.
Ornithogalum reverchonii Lange
Scilla morrisii Meikle
Scilla odorata Link
Tulipa cypria Stapf
Tulipa goulimyii Sealy & Turrill
Tulipa hungarica Borbas
Tulipa praecox Ten.
Tulipa sprengeri Baker

LINACEAE

Linum dolomiticum Borbas

LYTHRACEAE

Lythrum flexuosum Lag.
Lythrum thesioides M.Bieb.

MALVACEAE

Kosteletzkya pentacarpos (L.) Ledeb.

NAJADACEAE

Caulinia tenuissima (A. br. ex Magnus) Tzvel.
Najas flexilis (Willd.) Rostk. & W.L.Schmidt
Najas tenuissima (A.Braun) Magnus

OLEACEAE

Syringa josikaea Jacq. fil.

ORCHIDACEAE

Cephalanthera cucullata Boiss. & Heldr.
Comperia comperiana (Steven) Aschers. & Graebner
Cypripedium calceolus L.

Pinguicula nevadensis (Lindb.) Casper

Liparis loeselii (L.) Rich.
Ophrys argolica Fleischm.
Ophrys isaura Renz & Taub.
Ophrys kotschyi Fleischm. & Soó
Ophrys lunulata Parl.
Ophrys lycia Renz & Taub.
Ophrys oestrifera Bieb.
Ophrys taurica (Aggeenko) Nevski.
Orchis provincialis Balb.
Orchis punctulata Stev. ex Lindl.
Platanthera obtusata (Pursh) Lindl. subsp.
 oligantha (Turcz.) Hulten
Spiranthes aestivalis (Poiret) L.C.M. Richard
Steveniella satyrioides (Stev.) Schlechter.

PAEONIACEAE

Paeonia cambessedesii (Willk.) Willk.
Paeonia clusii F.C.Stern (Stern) subsp. *rhodia* (Stearn)
 Tzanoudakis
Paeonia officinalis L. subsp. *banatica* (Rochel) Soó
Paeonia parnassica Tzanoudakis
Paeonia tenuifolia L.

PALMAE

Phoenix theophrasti Greuter

PAPAVERACEAE

Papaver lapponicum (Tolm.) Nordh.
Rupicapnos africana (Lam.) Pomel

PLUMBAGINACEAE

Armeria pseudarmeria (Murray) Mansfeld
Armeria rouyana Daveau
Armeria soleirolii (Duby) Godron
Armeria velutina Welv. ex Boiss. & Reuter
Limonium anatolicum Hedge
Limonium tamaricoides Bokhari

POLEMONIACEAE

Polemonium boreale Adams

POLYGONACEAE

Polygonum praelongum Coode & Cullen
Rheum rhaponticum L.
Rumex rupestris Le Gall

POSIDONIACEA

Posidonia oceanica (L.) Delile (Med.)

PRIMULACEAE

Androsace cylindrica DC.
Androsace mathildae Levier
Androsace pyrenaica Lam.
Cyclamen coum Mill.
Cyclamen kuznetzovii Kotov et Czernova.
Cyclamen mirabile Hildebr.
Lysimachia minoricensis J.D.Rodriguez
Primula apennina Widmer
Primula deorum Velen.
Primula frondosa Janka

Dactylorhiza chuhensis Renz & Taub.
Himantoglossum caprinum (Bieb.) C. Koch.

Primula palinuri Petagna
Primula spectabilis Tratt.
Primula wulfeniana Scot subsp. *baumgarteniana*
 (Degen & Moesz) Ludi
Soldanella villosa Darracq

RANUNCULACEAE

Aconitum corsicum Gayer
Aconitum flerovii Steinb.
Aconitum lasiocarpum (Reichenb.) Gáyér
Adonis cyllenea Boiss., Heldr. & Orph.
Adonis distorta Ten.
Anemone uralensis Fisch. ex DC.
Aquilegia bertolonii Schott
Aquilegia kitaibelii Schott
Aquilegia ottonis Orph. ex Boiss. subsp. *taygetea* (Orph.)
Strid
Aquilegia pyrenaica DC. subsp. *cazorlensis*
 (Heywood) Galiano & Rivas Martínez
 (*Aquilegia cazorlensis* Heywood)
Consolida samia P.H.Davis
Delphinium caseyi B.L.Burt
Pulsatilla grandis Wend. (*Pulsatilla vulgaris* Miller
 subsp. *grandis* (Wend.) Zamels
Pulsatilla patens (L.) Miller
Pulsatilla slavica G. Reuss
Ranunculus fontanus C. Presl
Ranunculus kykkoensis Meikle
Ranunculus weyleri Marès

RESEDACEAE

Reseda decursiva Forssk.

ROSACEAE

Crataegus dikmensis Pojark
Geum bulgaricum Panc.
Potentilla delphinensis Gren. & Godron
Potentilla emilii-popii E. I. Nayardy
Potentilla silesiaca Uechtr.
Pyrus anatolica Browicz

RUBIACEAE

Galium cracoviense Ehrend.
Galium globuliferum Hub.-Mor. & Reese
Galium litorale Guss.
Galium moldavicum (Dobrescu) Franco
Galium rhodopeum Velen.
Galium viridiflorum Boiss. & Reuter

SANTALACEAE

Thesium ebracteatum Hayne

SAXIFRAGACEAE

Saxifraga berica (Beguinot) D.A.Webb
Saxifraga cintrana Kuzinsky ex Willk.
Saxifraga florulenta Moretti
Saxifraga hirculus L.
Saxifraga presolanensis Engl.
Saxifraga tombeanensis Boiss. ex Engl.
Saxifraga valdensis DC.

Primula egaliksensis Wormsk.
Primula glaucescens Moretti

SCROPHULARIACEAE

Antirrhinum charidemi Lange
Euphrasia marchesettii Wettst. ex Marches.
Linaria algarviana Chav.
Linaria ficalhoana Rouy
Linaria flava (Poiret) Desf.
Linaria hellenica Turril
Linaria loeseli Schweigger
Linaria pseudolaxiflora Lojacono
Linaria ricardoi Cout.
Linaria tursica B.Valdes & Cabezudo
Lindernia procumbens (Krocker) Philcox
Odontites granatensis Boiss.
Pedicularis sudetica Willd.
Verbascum afyonense Hub.-Mor.
Verbascum basivelatum Hub.-Mor.
Verbascum cylleneum (Boiss. & Heldr.) Kuntze
Verbascum degenii Hal.
Verbascum purpureum (Janka) Hub.-Mor.
Verbascum stepporum Hub.-Mor.
Veronica euxina Turril
Veronica oetaea L.-A.Gustavsson
Veronica turrilliana Stoj. & Stef.

SELAGINACEAE

Globularia stygia Orph. ex Boiss.

SOLANACEAE

Atropa baetica Willk.
Mandragora officinarum L.

THYMELAEACEAE

Daphne arbuscula Celak.
Daphne petraea Leybold
Daphne rodriguezii Texidor
Thymelea broterana Coutinho

TRAPACEAE

Trapa natans L.

TYPHACEAE

Typha minima Funk
Typha shuttleworthii Koch & Sonder

ULMACEAE

Zelkova abelicea (Lam.) Boiss.

UMBELLIFERAE

Angelica heterocarpa Lloyd
Angelica palustris (Besser) Hoffman
Apium bermejoi Llorens
Apium repens (Jacq.) Lag.
Athamanta cortiana Ferrarini
Bupleurum capillare Boiss. & Heldr.
Bupleurum dianthifolium Guss.
Bupleurum kakiskalae Greuter
Eryngium alpinum L.
Eryngium viviparum Gay
Ferula halophila H.Pesmen
Ferula orientalis L.

Saxifraga vayredana Luizet

Naufraga balearica Constance & Cannon
Oenanthe conioides Lange
Petagnia saniculifolia Guss.
Rouya polygama (Desf.) Coincy
Seseli intricatum Boiss.
Thorella verticillatinundata (Thore) Briq.

VALERIANACEAE

Centranthus kellereri (Stoj., Stef. & Georg.) J.K.B.
Richardson
Centranthus trinervis (Viv.) Béguinot

VIOLACEAE

Viola athois W.Becker
Viola cazorlensis Gandoger
Viola cryana Gillot
Viola delphinantha Boiss.
Viola hispida Lam.
Viola jaubertiana Marès & Vigineix

ZANNICHELLIACEAE

Cymodocea nodosa (Ucria) Ascherson (Med.)

ZOSTERACEAE

Zostera marina L. (Med.)

BRYOPHYTA

BRYOPSIDA: ANTHOCEROTAE

ANTHOCEROTACEAE

Notothyas orbicularis (Schwein.) Sull.

BRYOPSIDA: HEPATICAE

AYTONIACEAE

Mannia triandra (Scop.) Grolle

CEPHALOZIACEAE

Cephalozia macounii (Aust.) Aust.

CODONIACEAE

Petalophyllum ralfsii (Wils.) Nees et Gott. ex Lehm.

FRULLANIACEAE

Frullania parvistipula Steph.

GYMNOMITRIACEAE

Marsupella profunda Lindb.

JUNGERMANNIACEAE

Jungermannia handelii (Schiffn.) Amak.

RICCIACEAE

Riccia breidlerii Jur. ex Steph.

RIELLACEAE

Riella helicophylla (Mont.) Hook.

Ferula sadleriana Ledebour
Laserpitium longiradium Boiss.

BRYOPSIDA: MUSCI

AMBLYSTEGIACEAE
Drepanocladus vernicosus (Mitt.) Warnst.

BRUCHIACEAE
Bruchia vogesiaca Schwaegr.

BUXBAUMIACEAE
Buxbaumia viridis (Moug. ex Lam. & DC.)
Brid. ex Moug. & Nestl.

DICRANACEAE
Atractylocarpus alpinus (Schimp. ex Milde) Lindb.
Cynodontium suecicum (H.Arn. & C.Jens.) I.Hag.
Dicranum viride (Sull. & Lesq.) Lindb.

FONTINALACEAE
Dichelyma capillaceum (With.) Myr.

FUNARIACEAE
Pyramidula tetragona (Brid.) Brid.

HOOKERIACEAE
Distichophyllum carinatum Dix. & Nich.

MEESIACEAE
Meesia longiseta Hedw.

ORTHOTRICHACEAE
Orthotrichum rogeri Brid.

SCAPANIACEAE
Scapania massalongi (K.Muell.) K.Muell.

SPHAGNACEAE
Sphagnum pylaisii Brid.

SPLACHNACEAE
Tayloria rudolphiana (Garov.) Bruch & Schimper

ALGAE

CHLOROPHYTA
Caulerpa ollivieri (Med.)

FUCOPHYCEA
Cystoseira amentacea (inclus var. *stricta* et
var. *spicata*) (Med.)
Cystoseira mediterranea (Med.)
Cystoseira sedoides (Med.)
Cystoseira spinosa (inclus *C. adriatica*) (Med.)
Cystoseira zosteroides (Med.)
Laminaria rodriguezii (Med.)
Laminaria ochroleuca (Med.)

RHODOPHYTA
Goniolithon byssoides (Med.)
Lithophyllum lichenoides (Med.)
Ptilophora mediterranea (Med.)
Schimmelmanna schousboei = *S. ornata* (Med.)

APPENDIX I (CONTINUATION) / ANNEXE I (SUITE)

STRICTLY PROTECTED FLORA SPECIES
ESPÈCES DE FLORE STRICTEMENT PROTÉGÉES

ENDEMIC SPECIES OF THE MACARONESIAN REGION
ESPÈCES ENDÉMIQUES DE LA RÉGION MACARONÉSIENNE

PTERIDOPHYTA

ASPLENIACEAE

Asplenium azoricum Lovis, Rasbach & Reichstein

DRYOPTERIDACEAE

Polystichum drepanum (Swartz) C.Presl

HYMENOPHYLLACEAE

Hymenophyllum maderensis Gibby & Lowis

ISOETACEAE

Isoetes azorica Durieu ex Milde

LYCOPODIACEAE

Diphasium maderense (Wilce.) Rothm.

MARSILEACEAE

Marsilea azorica Launert

GYMNOSPERMAE

CUPRESACEAE

Juniperus brevifolia (Seub.) Antoine

ANGIOSPERMAE

AGAVACEAE

Dracaena draco (L.) L.

ASCLEPIADACEAE

Caralluma burchardii N.E.Brown

Ceropegia chrysantha Svent.

BERBERIDACEAE

Berberis maderensis Lowe

BORAGINACEAE

Echium gentianoides Webb ex Coincy

Echium handiense Svent.

Echium pininana Webb et Berth.

Myosotis azorica H.C.Watson

Myosotis maritima Hochst. ex Seub.

CAMPANULACEAE

Azorina vidalii (H.C.Watson) Feer

Musschia aurea (L.f.) DC.

Musschia wollastonii Lowe

CAPRIFOLIACEAE

Sambucus palmensis Link

CARYOPHYLLACEAE

Cerastium azoricum Hochst.

Silene nocteolens Webb et Berth

CISTACEAE

Cistus chinamadensis Bañares & Romero

Helianthemum bystropogophyllum Svent.

Helianthemum teneriffae Cosson

COMPOSITAE

Andryala crithmifolia Ait.

Argyranthemum lidii Humphries

Argyranthemum pinnatifidum (L.F.) Lowe

subsp. *succulentum* (Lowe) Humphries

Argyranthemum winterii (Svent.) Humphries

Atractylis arbuscula Svent. & Michaelis

Atractylis preauxiana Schultz Bip.

Bellis azorica Hochst. ex Seub.

Calendula maderensis Dc.

Cheirolophus duranii (Burchard) Holub

Cheirolophus falsisectus Montelongo et Moraleda

Cheirolophus ghomerythus (Svent.) Holub

Cheirolophus junonianus (Svent.) Holub

Cheirolophus metlesicsii Montelongo

Cheirolophus santosabreui Santos

Cheirolophus satarataensis (Svent.) Holub

Cheirolophus tagananensis (Svent.) Holub

Helichrysum monogynum B.L. Burth. & Sunding

Helichrysum gossypinum Webb

Hypochoeris oligocephala (Svent. & D.Bramwell) Lack

Lactuca watsoniana Trelease

Leontodon filii (Hochst. ex Seub.) Paiva & Orm.

Onopordum carduelinum Bolle

Onopordum nogalesii Svent.

Pericallis hadrosoma Svent.

Pericallis malvifolia (L'Hér) B. Nord.

Phagnalon benetii Lowe

Senecio hermosae Pitard

Sonchus gandogeri Pitard

Stemmacantha cynaroides (C. Smith in Bruch) Dittrich

Sventenia bupleuroides Font Quer

Tanacetum o'shanahanii Febles, Marrero et Suárez

Tanacetum ptarmiciflorum (Webb) Schultz Bip.

Tolpis glabrescens Kämmer

CONVOLVULACEAE

Convolvulus caput-medusae Lowe

Convolvulus lopez-socasi Svent.

Convolvulus massonii A.Dietr.

Pharbitis preauxii Webb

CRASSULACEAE

Aeonium balsamiferum Webb et Berth.
Aeonium gomeraense Praeger
Aeonium saundersii Bolle
Aichrysum dumosum (Lowe) Praeg.
Monanthes wildpretii Bañares & Scholz

CRUCIFERAE

Crambe arborea Webb ex Christ
Crambe laevigata DC. ex Christ
Crambe scoparia Svent.
Crambe sventenii B.Petters. ex Bramw. & Sunding
Parolinia schizogynoides Svent.
Sinapidendron sempervivifolium Mnzs.

CYPERACEAE

Carex malato-belizii Raymond

DIPSACACEAE

Scabiosa nitens Roem. & Schult.

ERICACEAE

Daboecia azorica Tutin & Warb.
Erica scoparia L. subsp. azorica (Hochst.) D.A.Webb

EUPHORBIACEAE

Euphorbia bourgaeana Gay ex Boiss.
Euphorbia handiensis Burchard
Euphorbia lambii Svent.
Euphorbia stygiana H.C.Watson

GERANIACEAE

Geranium maderense Yeo

GRAMINEAE

Agrostis gracililaxa Franco
Deschampsia maderensis (Hack. et Bornm.) Buschm.
Phalaris maderensis (Mnzs.) Mnzs.

LABIATAE

Micromeria glomerata P. Pérez
Micromeria leucantha Svent. ex Pérez
Salvia herbanica Santos et Fernández
Sideritis cystosiphon Svent.
Sideritis discolor (Webb ex de Noe) Bolle
Sideritis infernalis Bolle
Sideritis marmorea Bolle.
Teucrium abutiloides l'Her.

LEGUMINOSAE

Adenocarpus ombriosus Ceb. & Ort.
Anthyllis lemanniana Lowe
Anagyris latifolia Brouss. ex Willd.
Cicer canariensis Santos & Gweil
Dorycnium spectabile Webb & Berthel.
Genista benehoavensis (Bolle ex Svent.) Del Arco
Lotus azoricus P.W.Ball
Lotus callis-viridis D.Bramwell & D.H.Davis
Lotus eremiticus Santos
Lotus kunkelii (Esteve) D.Bramwell & D.H. Davis
Lotus maculatus Breitfeld

Lotus pyranthus P. Perez

Teline nervosa (Esteve) A. Hansen et Sund.
Teline rosmarinifolia Webb & Berthel.
Teline salsoloides Arco & Acebes.
Vicia dennesiana H.C.Watson

LILIACEAE

Androcymbium psammophilum Svent.
Smilax divaricata Sol. ex Wats.

MYRICACEAE

Myrica rivas-martinezii Santos.

OLEACEAE

Jasminum azoricum L.
Picconia azorica (Tutin) Knbol.

ORCHIDACEAE

Barlia metlesicsiaca Teschner
Goodyera macrophylla Lowe
Orchis scopulorum Summerh.

PITTOSPORACEAE

Pittosporum coriaceum Dryander ex Aiton

PLANTAGINACEAE

Plantago famarae Svent.
Plantago malato-belizii Lawalrée

PLUMBAGINACEAE

Limonium arborescens (Brouss.) Kuntze
Limonium dendroides Svent.
Limonium fruticans (Webb) O. Kuntze
Limonium perezii (Stapf) Hubb.
Limonium preauxii (Webb et Berth.) O. Kuntze
Limonium spectabile (Svent.) Kunkel & Sunding
Limonium sventenii Santos & Fernández Galván

POLYGONACEAE

Rumex azoricus Rech.

RHAMNACEAE

Frangula azorica Tutin

ROSACEAE

Bencomia brachystachya Svent.
Bencomia exstipulata Svent.
Bencomia sphaerocarpa Svent.
Chamaemeles coriacea Lindl.
Dendriopoterium pulidoi Svent.
Marcetella maderensis (Bornm.) Svent.
Prunus lusitanica subsp. azorica (Moui.) Franco

RUTACEAE

Ruta microcarpa Svent.

SANTALACEAE

Kunkeliella canariensis Stearn
Kunkeliella psilotoclada (Svent.) Stearn
Kunkeliella subsucculenta Kammer

SAPOTACEAE

Sideroxylon marmulano Banks ex Lowe

SAXIFRAGACEAE

Saxifraga portosanctana Boiss.

SCROPHULARIACEAE

Euphrasia azorica H.C.Watson

Euphrasia grandiflora Hochst.

Isoplexis chalcantha Svent. & O'Shanahan

Isoplexis isabelliana (Webb & Berthel.) Masferrer

SELAGINACEAE

Globularia ascanii D.Bramwell & Kunkel

Globularia sarcophylla Svent.

SOLANACEAE

Solanum lidii Sunding

UMBELLIFERAE

Ammi trifoliatum (Wats.) Trel.

Bunium brevifolium Lowe

Bupleurum handiense (Bolle) Kunkel

Chaerophyllum azoricum Trel.

Monizia edulis Lowe

Ferula latipinna Santos

Sanicula azorica Guthn. ex Seub.

VIOLACEAE

Viola paradoxa Lowe

BRYOPHYTA**BRYOPSIDA: MUSCI****ECHINODIACEAE**

Echinodium spinosum (Mitt.) Jur.

POTTIACEAE

Bryoerythrophyllum machadoanum (Sergio) M.Hill

THAMNIACEAE

Thamnobryum fernandesii Sergio

APPENDIX II / ANNEXE II ²

STRICTLY PROTECTED FAUNA SPECIES
ESPÈCES DE FAUNE STRICTEMENT PROTÉGÉES

VERTEBRATES/VERTÉBRÉS

(Med.) = in the Mediterranean/en Méditerranée

Mammals/Mammifères

INSECTIVORA

- Erinaceidae*
* *Atelerix algirus* (*Erinaceus algirus*)
- Soricidae*
* *Crocidura suaveolens ariadne*
(*Crocidura ariadne*)
* *Crocidura russula cypria*
(*Crocidura cypria*)
Crocidura canariensis
- Talpidae*
Desmana moschata
Galemys pyrenaicus (*Desmana pyrenaica*)

MICROCHIROPTERA

- all species except
Pipistrellus pipistrellus
toutes les espèces à l'exception de
Pipistrellus pipistrellus

RODENTIA

- Sciuridae*
Pteromys volans
(*Sciuropterus russicus*)
- * *Sciurus anomalus*
Spermophilus citellus
(*Citellus citellus*)
Spermophilus suslicus
(*Citellus suslicus*)
- Muridae*
Cricetus cricetus
Mesocricetus newtoni
- * *Microtus bavaricus*
(*Pitymys bavaricus*)
Microtus cabreræ
Microtus tatricus
Spalax graecus
- Gliridae*
Dryomys laniger
Myomimus roachi
(*Myomimus bulgaricus*)
- Zapodidae*
Sicista betulina
Sicista subtilis
- Globicephala macrorhynchus*
Globicephala melas

Hystriidae

Hystrix cristata

CARNIVORA

- Canidae*
Alopex lagopus
Canis lupus
Cuon alpinus
- Ursidae*
all species/toutes les espèces
- Mustelidae*
Gulo gulo
Mustela eversmannii
Mustela lutreola (*Lutreola lutreola*)
Lutra lutra
Vormela peregusna
- Felidae*
Caracal caracal
Felis silvestris
* *Lynx pardinus* (*Lynx pardina*)
Panthera pardus
Panthera tigris
- Odobenidae*
Odobenus rosmarus
- Phocidae*
Monachus monachus
Phoca hispida saimensis
Phoca hispida ladogensis
- ARTIODACTYLA
- Cervidae*
Cervus elaphus corsicanus
- Bovidae*
Capra aegagrus
Capra pyrenaica pyrenaica
Gazella subgutturosa
Gazella dorcas
Ovibos moschatus
Rupicapra rupicapra ornata
- CETACEA
- Monodontidae*
Monodon monoceros
- Delphinidae*
Delphinus delphis
- PELECANIFORMES
- Phalacrocoracidae*

Grampus griseus
Lagenorhynchus acutus
Lagenorhynchus albirostris
Orcinus orca
Pseudorca crassidens
Steno bredanensis
Stenella coeruleoalba
Stenella frontalis
Tursiops truncatus (tursio)

Phocaenidae

Phocoena phocoena

Physeteridae

Kogia breviceps
Kogia simus (Med.)
Physeter macrocephalus (Med.)

Ziphiidae

Hyperoodon rostratus
Mesoplodon bidens
Mesoplodon densirostris (Med.)
Mesoplodon mirus
Ziphius cavirostris

Balaenopteridae

Balaenoptera acutorostrata (Med.)
Balaenoptera borealis (Med.)
Balaenoptera edeni
Balaenoptera physalus
Megaptera novaeangliae (longimana,
nodosa)
Sibbaldus (Balaenoptera) musculus

Balaenidae

Balaena mysticetus
Eubalaena glacialis

Birds/Oiseaux

GAVIIFORMES

Gaviidae

all species/toutes les espèces

PODICIPEDIFORMES

Podicipedidae

Podiceps auritus
Podiceps grisegena
Podiceps nigricollis (caspius)
Podiceps ruficollis

PROCELLARIIFORMES

Hydrobatidae

all species/toutes les espèces

Procellariidae

Bulweria bulwerii
Procellaria diomedea
Pterodroma madeira
Pterodroma feae
Puffinus assimilis baroli
Puffinus puffinus
Puffinus yelkouan

Otididae

all species/toutes les espèces

Phalacrocorax aristotelis (Med.)

Phalacrocorax pygmaeus

Pelecanidae

all species/toutes les espèces

CICONIIFORMES

Ardeidae

Ardea purpurea
Ardeola ralloides
Botaurus stellaris
Bulbucus (Ardeola) ibis
Casmerodius albus (Egretta alba)
Egretta garzetta
Ixobrychus minutus
Nycticorax nycticorax

Ciconiidae

all species/toutes les espèces

Threskiornithidae

all species/toutes les espèces

Phoenicopteridae

Phoenicopterus ruber

ANSERIFORMES

Anatidae

Anser erythropus
Branta leucopsis
Branta ruficollis
Bucephala islandica
Cygnus cygnus
Cygnus bewickii (columbianus)
Histrionicus histrionicus
Marmaronetta (Anas) angustirostris
Mergus albellus
Oxyura leucocephala
Polysticta stelleri
Somateria spectabilis
Tadorna tadorna
Tadorna ferruginea

FALCONIFORMES

all species/toutes les espèces

GALLIFORMES

Tetraonidae

Tetrao urogallus cantabricus

GRUIIFORMES

Turnicidae

Turnix sylvatica

Gruidae

all species/toutes les espèces

Rallidae

Crex crex
Fulica cristata
Porphyrio porphyrio
Porzana porzana
Porzana pusilla
Porzana parva

CUCULIFORMES

Cuculidae

Clamator glandarius

CHARADRIIFORMES

Charadriidae

Arenaria interpres
Charadrius alexandrinus
Charadrius dubius
Charadrius hiaticula
Charadrius leschenaulti
Eudromias morinellus
Hoplopterus spinosus

Scolopacidae

Calidris alba
Calidris alpina
Calidris ferruginea
Calidris maritima
Calidris minuta
Calidris temminckii
Gallinago media
Limicola falcinellus
Numenius tenuirostris
Tringa cinerea
Tringa glareola
Tringa hypoleucos
Tringa ochropus
Tringa stagnatilis

Recurvirostridae

all species/toutes les espèces

Phalaropodidae

all species/toutes les espèces

Burhinidae

Burhinus oedicephalus

Glareolidae

all species/toutes les espèces

Laridae

Chlidonias hybrida
Chlidonias leucopterus
Chlidonias niger
Gelochelidon nilotica
Hydroprogne caspia
Larus audouinii
Larus genei
Larus melanocephalus
Larus minutus
Larus (*Xenia*) sabini
Pagophila eburnea
Sterna albifrons
Sterna dougallii
Sterna hirundo
Sterna paradisaea (*macrura*)
Sterna sandvicensis

COLUMBIFORMES

Pteroclididae

all species/toutes les espèces

Columbidae

Columba bollii
Columba junoniae

Turdinae

Cercotrichas galactotes
Erithacus rubecula
Irania gutturalis
Luscinia luscinia

STRIGIFORMES

all species/toutes les espèces

CAPRIMULGIFORMES

Caprimulgidae

all species/toutes les espèces

APODIFORMES

Apodidae

Apus caffer
Apus melba
Apus pallidus
Apus unicolor

CORACIFORMES

Alcedinidae

Alcedo atthis
Ceryle rudis
Halcyon smyrnensis

Meropidae

Merops apiaster

Coraciidae

Coracias garrulus

Upopidae

Upupa epops

PICIFORMES

all species/toutes les espèces

PASSERIFORMES

Alaudidae

Calandrella brachydactyla
Calandrella rufescens
Chersophilus duponti
Eremophila alpestris
Galerida theklae
Melanocorypha bimaculata
Melanocorypha calandra
Melanocorypha leucoptera
Melanocorypha yeltoniensis

Hirundinidae

all species/toutes les espèces

Motacillidae

all species/toutes les espèces

Pycnonotidae

Pycnonotus barbatus

Laniidae

all species/toutes les espèces

Bombycillidae

Bombycilla garrulus

Cinclidae

Cinclus cinclus

Troglodytidae

Troglodytes troglodytes

Prunellidae

all species/toutes les espèces

Muscicapidae

Loxia curvirostra
Loxia leucoptera
Loxia pityopsittacus
Loxia scotica

Luscinia megarhynchos
 Luscinia (Cyanosylvia) svecica
 Monticola saxatilis
 Monticola solitarius
 Oenanthe finischii
 Oenanthe hispanica
 Oenanthe isabellina
 Oenanthe leucura
 Oenanthe oenanthe
 Oenanthe pleschanka (leucomela)
 Phoenicurus ochruros
 Phoenicurus phoenicurus
 Saxicola dacotiae
 Saxicola rubetra
 Saxicola torquata
 Tarsiger cyanurus
 Turdus torquatus
 Sylviinae
 all species/toutes les espèces
 Regulinae
 all species/toutes les espèces
 Muscicapinae
 all species/toutes les espèces
 Timaliinae
 Panurus biarmicus
Paridae
 all species/toutes les espèces
Sittidae
 all species/toutes les espèces
Certhiidae
 all species/toutes les espèces
Emberizidae
 Calcarius lapponicus
 Emberiza aureola
 Emberiza caesia
 Emberiza cia
 Emberiza cineracea
 Emberiza cirrus
 Emberiza citrinella
 Emberiza leucocephala
 Emberiza melanocephala
 Emberiza pusilla
 Emberiza rustica
 Emberiza schoeniclus
 Plectrophenax nivalis
Fringillidae
 Carduelis cannabina
 Carduelis carduelis
 Carduelis chloris
 Carduelis flammea
 Carduelis flavirostris
 Carduelis hornemanni
 Carduelis spinus
 Carpodacus erythrinus
 Coccothraustes coccothraustes
 Fringilla teydea
Lacertidae
 Algyroides fitzingeri
 Algyroides marchi
 Algyroides moreoticus
 Algyroides nigropunctatus
 Archaeolacerta bedriagae
 (Lacerta bedriagae)

*

Pinicola enucleator
 Rhodopechys githaginea
 Serinus citrinella
 Serinus pusillus
 Serinus serinus
Ploceidae
 Montrifringilla nivalis
 Petronia petronia
Sturnidae
 Sturnus roseus
 Sturnus unicolor
Oriolidae
 Oriolus oriolus
Corvidae
 Cyanopica cyanus
 Nucifraga caryocatactes
 Perisoreus infaustus
 Pyrrhocorax graculus
 Pyrrhocorax pyrrhocorax

Reptiles

TESTUDINES

Testudinidae
 Testudo graeca
 Testudo hermanni
 Testudo marginata
Emydidae
 Emys orbicularis
 * Mauremys caspica¹

Dermochelyidae
 Dermochelys coriacea
Cheloniidae
 Caretta caretta
 Chelonia mydas
 Eretmochelys imbricata
 Lepidochelys kempii
Trionychidae
 Rafetus euphraticus
 Trionyx triunguis

SAURIA

Gekkonidae
 Cyrtodactylus kotschy
 Tarentola angustimentalis
 Tarentola boettgeri
 Tarentola delalandii
 Tarentola gomerensis
 Phyllodactylus europaeus
Agamidae
 * Stellio stellio (Agama stellio)
Chamaeleontidae
 Chamaeleo chamaeleon

Natrix tessellata
 Telescopus fallax
Viperidae
 Vipera albizona
 Vipera ammodytes
 Vipera barani

* Archaeolacerta monticola (Lacerta monticola)
 Gallotia galloti
 * Gallotia simonyi (Lacerta simonyi)
 Gallotia stehlini
 Lacerta agilis
 Lacerta clarkorum
 Lacerta dugesii
 Lacerta graeca
 Lacerta horvathi
 Lacerta lepida
 Lacerta parva
 Lacerta princeps
 Lacerta schreiberi
 Lacerta trilineata
 Lacerta viridis
 Ophisops elegans
 Podarcis erhardii
 Podarcis filfolensis
 Podarcis lilfordi
 Podarcis melisellensis
 Podarcis milensis
 Podarcis muralis
 Podarcis peloponnesiaca
 Podarcis pityusensis
 Podarcis sicula
 Podarcis taurica
 Podarcis tiliguerta
 Podarcis wagleriana
Anguidae
 Ophisaurus apodus
Scincidae
 Ablepharus kitaibelii
 Chalcides bedriagai
 Chalcides ocellatus
 Chalcides sexlineatus
 * Chalcides simonyi (Chalcides occidentalis)
 Chalcides viridianus
 Ophiomorus punctatissimus

OPHIDIA

Colubridae
 Coluber cypriensis
 Coluber gemonensis
 Coluber hippocrepis
 * Coluber jugularis²
 * Coluber najadum³
 Coluber viridiflavus
 Coronella austriaca
 Elaphe longissima
 Elaphe quatuorlineata
 Elaphe situla
 Natrix megaloccephala

Pelobatidae
 Pelobates cultripes
 Pelobates fuscus
 Pelobates syriacus
 Pelodytes caucasicus

Bufo
Bufo
 Bufo calamita
 Bufo viridis

Vipera kaznakovi
 Vipera latasti
 * Vipera lebetina⁴
 Vipera pontica
 Vipera ursinii
 Vipera wagneri
 Vipera xanthina

Amphibians/Amphibiens

CAUDATA

Salamandridae

Chioglossa lusitanica
 Euproctus asper
 Euproctus montanus
 Euproctus platycephalus
 * Mertensiella luschani (Salamandra luschani)
 * Salamandra atra⁵
 Salamandrina terdigitata
 Triturus carnifex
 Triturus cristatus
 Triturus dobrogicus
 Triturus italicus
 Triturus karelinii
 Triturus montandoni

Plethodontidae

* Speleomantes flavus (Hydromantes flavus)
 * Speleomantes genei (Hydromantes genei)
 * Speleomantes imperialis (Hydromantes imperialis)
 * Speleomantes italicus (Hydromantes italicus)
 * Speleomantes supramontis (Hydromantes supramontis)

Proteidae

Proteus anguinus

ANURA

Discoglossidae

Alytes cisternasii
 Alytes muletensis
 Alytes obstetricans
 Bombina bombina
 Bombina variegata
 Discoglossus galganoi
 Discoglossus jeanneae
 Discoglossus montalentii
 Discoglossus pictus
 Discoglossus sardus
 Neurergus crocatus
 Neurergus strauchi

OSTEICHTHYES (ACTINOPTERYGII)

ACIPENSERIFORMES

Acipenseridae

Acipenser naccarii
 Acipenser sturio
 Huso huso (Med.)

Hylidae

Hyla arborea
Hyla meridionalis
Hyla sarda

Ranidae

Rana arvalis
Rana dalmatina
Rana holtzi
Rana iberica
Rana italica
Rana latastei

Fish/Poissons

AGNATA

PETROMYZONIFORMES

Petromyzonidae

Lethenteron zanandrai (Med.)

CHONDRICHTHYES

LAMNIFORMES

Cetorhinidae

Cetorhinus maximus (Med.)

Lamnidae

Carcharodon carcharias (Med.)

ESOCIFORMES

Umbridae

Umbra krameri

ATHERINIFORMES

Cyprinodontidae

Aphanius fasciatus (Med.)
Aphanius iberus (Med.)
Valencia hispanica
Valencia leutourneuxi

GASTEROSTEIFORMES

Syngnathidae

Hippocampus hippocampus (Med.)
Hippocampus ramulosus (Med.)

PERCIFORMES

Percidae

Romanichthys valsanicola
Zingel asper

Gobiidae

Pomatoschistus canestrinii (Med.)
Pomatoschistus tortonesei (Med.)

INVERTEBRATES/INVERTÉBRÉS

Arthropods/Arthropodes

INSECTA

Mantodea

Apteromantis aptera

Ephemeroptera

Palingenia longicauda

Odonata

Aeshna viridis

Brachythemis fuscopalliata

Calopteryx syriaca

Coenagrion freyi

Coenagrion mercuriale

Cordulegaster trinacriae

Gomphus graslinii

Leucorrhinia albifrons

Leucorrhinia caudalis

Leucorrhinia pectoralis

Lindenia tetraphylla

Macromia splendens

Ophiogomphus cecilia

Oxygastra curtisii

Stylurus (= Gomphus) flavipes

Sympetma braueri

Orthoptera

Baetica ustulata

Saga pedo

Coleoptera

Buprestis splendens

Carabus bessarabicus

Carabus hungaricus

Carabus olympiae

Cerambyx cerdo

Cucujus cinnaberinus

Dytiscus latissimus

Graphoderus bilineatus

Osmoderma eremita

Rosalia alpina

Lepidoptera

Apatura metis

Coenonympha hero

Coenonympha oedippus

Erebia calcaria

Erebia christi

Erebia sudetica

Eriogaster catax

Euphydryas (Eurodryas) aurinia

Fabriciana elisa

Hyles hippophaes

Hypodryas maturna

Lopinga achine

Lycaena dispar

Maculinea arion

Maculinea nausithous

Maculinea teleius

Melanargia arge

Papilio alexanor

Papilio hospiton

Parnassius apollo

Parnassius mnemosyne

Plebicula golgus

Polyommatus galloi

Polyommatus humedasae

Proserpinus prosperpina

Zerynthia polyxena

ARACHNIDA

Araneae

Macrothele calpeiana

CRUSTACEA

Decapoda

Ocypode cursor (Med.)

Pachyplasma giganteum (Med.)

Molluscs/Mollusques

GASTROPODA

Dyotocardia

Gibbula nivosa (Med.)

Patella ferruginea (Med.)

Patella nigra (Med.)

Monotocardia

Charonia rubicunda (= *C. lampas* =
C. nodiferum) (Med.)

Charonia tritonis (= *C. sequeziae*)
(Med.)

Dendropoma petraeum (Med.)

Erosaria spurca (Med.)

Luria lurida (= *Cypraea lurida*) (Med.)

Mitra zonata (Med.)

Ranella olearia (Med.)

Schilderia achatidea (Med.)

Tonna galea (Med.)

Zonaria pyrum (Med.)

Stylommatophora

Caseolus calculus

Caseolus commixta

Caseolus sphaerula

Discus defloratus⁶

Discus guerinianus

Discula leacockiana

Discula tabellata

Discula testudinalis

Discula turricula

Elona quimperiana

Geomalacus maculosus

Geomitra moniziana

Helix subplicata

Leiostyla abbreviata

Leiostyla cassida

Leiostyla corneocostata

Leiostyla gibba

Leiostyla lamellosa

*

BIVALVIA

Unionoida

Margaritifera auricularia

Mytiloida

Lithophaga lithophaga (Med.)

Pinna pernula (Med.)

Myoida

Pholas dactylus (Med.)

Echinoderms/Échinodermes

ASTERIDAE

Asterina pancerii (Med.)

Ophidiaster ophidianus (Med.)

ECHINIDAE

Centrostephanus longispinus (Med.)

Cnidarians/Cnidaires

HYDROZOA

Errina aspera (Med.)

ANTHOZOA

Astroides calycularis (Med.)

Gerardia savaglia (Med.)

Sponges/Éponges

PORIFERA

Aplysina cavernicola (Med.)

Asbestopluma hypogea (Med.)

Axinelle polyplodes (Med.)

Petrobiona massiliana (Med.)

Notes to Appendix II/Notes à l'annexe II

On 3 December 1993 the Standing Committee to the Convention adopted the following Recommendation (No. 39 (1993)):

The Standing Committee of the Convention on the Conservation of European Wildlife and Natural Habitats, acting under the terms of Article 14 of the Convention Recommends that Contracting Parties take into consideration the following technical notes while implementing the Convention. Asterisks have been written where the name of the species has been changed to a more recent one, but the old name is kept in brackets. Footnotes have been used to update taxonomically some taxa.

Le 3 décembre 1993, le Comité permanent de la Convention a adopté la Recommandation suivante (n° 39 (1993)):

Le Comité permanent de la Convention relative à la conservation de la vie sauvage et du milieu naturel de l'Europe, agissant en vertu de l'article 14 de la Convention, recommande aux Parties contractantes de prendre en considération les observations techniques suivantes dans la mise en œuvre de la Convention. Des astérisques ont été ajoutés lorsque le nom de l'espèce a été modifié, mais l'ancien nom est conservé entre parenthèses. Des notes en bas de page ont été utilisées pour mettre à jour certaines espèces du point de vue taxonomique.

¹ *Mauremys caspica* has been divided into two new species:

¹ *Mauremys caspica* a été divisée en deux espèces:

Mauremys caspica
Mauremys leprosa (*Mauremys caspica leprosa*)

² *Coluber jugularis* has been divided into two new species:

² *Coluber jugularis* a été divisée en deux espèces:

Coluber jugularis
Coluber caspius (*Coluber jugularis caspius*)

³ *Coluber najadum* has been divided into two new species:

³ *Coluber najadum* a été divisée en deux espèces:

Coluber najadum
Coluber rubriceps (*Coluber najadum rubriceps*)

⁴ *Vipera lebetina* has been divided into two new species:

⁴ *Vipera lebetina* a été divisée en deux espèces:

Vipera lebetina
Vipera schweizeri (*Vipera lebetina schweizeri*)

⁵ *Salamandra atra* has been divided into two new species:

⁵ *Salamandra atra* a été divisée en deux espèces:

Salamandra atra
Salamandra lanzai (*Salamandra atra lanzai*)

⁶ *Discus defloratus* : This species is no longer recognised as a taxonomically valid species as it was described from a few specimens, now recognised as belonging to a different species of *Discus*.

⁶ *Discus defloratus* : N'est plus reconnue comme une espèce valide du point de vue taxinomique étant donné qu'elle a été décrite à partir de quelques spécimens seulement; désormais reconnue comme appartenant à une espèce différente de *Discus*.

APPENDIX III / ANNEXE III ³

PROTECTED FAUNA SPECIES
ESPÈCES DE FAUNE PROTÉGÉES

VERTEBRATES/VERTÉBRÉS

(Med.) = in the Mediterranean/en Méditerranée

Mammals/Mammifères

INSECTIVORA

Erinaceidae

Erinaceus europaeus

Soricidae

all species/toutes les espèces

MICROCHIROPTERA

Vespertilionidae

Pipistrellus pipistrellus

DUPLICIDENTATA

Leporidae

Lepus capensis (europaeus)

Lepus timidus

RODENTIA

Sciuridae

Marmota marmota

Sciurus vulgaris

Castoridae

Castor fiber

Muridae

Microtus nivalis (lebrunii)

Microtus ratticeps (oeconomus)

Gliridae

all species/toutes les espèces

CETACEA

All species not mentioned in Appendix II/

Toutes les espèces non mentionnées à l'annexe II

CARNIVORA

Mustelidae

Martes foina

Martes martes

Meles meles

Mustela erminea

Mustela nivalis

Putorius (*Mustela*) *putorius*

Viverridae

all species/toutes les espèces

Felidae

Lynx lynx

Phocidae

Cystophora cristata

Erignathus barbatus

Pagophilus groenlandicus (*Phoca groenlandica*)

Phoca vitulina

Phoca hispida (*Pusa hispida*)

Halichoerus grypus

ARTIODACTYLA

Suidae

Sus scrofa meridionalis

Cervidae

all species/toutes les espèces

Bovidae

Bison bonasus

Capra ibex

Capra pyrenaica

Ovis aries (*musimon*, *ammon*)

Rupicapra rupicapra

Birds/Oiseaux

All species not included in Appendix II with the exception of :

Toutes les espèces non incluses dans l'Annexe II à l'exception de :

Columba palumbus

Corvus corone (*corone* and/et *cornix*)

Corvus frugilegus

Corvus monedula

Garrulus glandarius

Larus argentatus

Larus fuscus

Larus marinus

Passer domesticus

Sturnus vulgaris

Pica pica

³

Status in force since 1 March 2002. The Appendices are regularly revised by the Standing Committee./Etat en vigueur depuis le 1er mars 2002. Les annexes sont régulièrement révisées par le Comité permanent.

Reptiles

All species not included in Appendix II
Toutes les espèces non incluses dans l'annexe II

Amphibians/Amphibiens

All species not included in Appendix II
Toutes les espèces non incluses dans l'annexe II

Fish/Poissons**CHONDRICHTHYES****PLEUROTREMATA***Lamnidae*

Isurus oxyrinchus (Med.)
Lamna nasus (Med.)

Carcharhinidae

Prionace glauca (Med.)

Squatinaidae

Squatina squatina (Med.)

HYPOTREMATA*Rajidae*

Raja alba (Med.)

OSTEICHTHYES**PETROMYZONIFORMES***Petromyzonidae*

Eudontomyzon hellenicum
Eudontomyzon mariae
Eudontomyzon vladykovi
Lampetra fluviatilis
Lampetra planeri
Lampetra zanandreai
Petromyzon marinus

ACIPENSERIFORMES*Acipenseridae*

Acipenser ruthenus
Acipenser stellatus
Huso huso

CLUPEIFORMES*Chupeidae*

Alosa alosa
Alosa fallox
Alosa pontica

SALMONIFORMES*Coregonidae*

Coregonus
all species/toutes les espèces

Thymallidae

Thymallus thymallus

Salmonidae

Hucho hucho
Salmo salar (*)

CYPRINIFORMES*Cyprinidae*

Abramis ballerus
Abramis sapa
Abramis vimba
Alburnoides bipunctatus
Alburnus albidus
Aspius aspius
Barbus bocagei
Barbus comiza
Barbus meridionalis
Barbus microcephalus
Barbus peloponesis
Barbus plebejus
Barbus sclateri
Barbus steindachneri
Chalcalburnus chalcoides
Chondrostoma genei
Chondrostoma kneri
Chondrostoma lemingi
Chondrostoma lusitanicum
Chondrostoma nasus
Chondrostoma phoxinus
Chondrostoma polylepis
Chondrostoma soetta
Chondrostoma toxostoma
Chondrostoma willkommi
Gobio albipinnatus
Gobio kessleri
Gobio uranoscopus
Leucaspis delineatus
Leucaspis stymphalicus
Leuciscus illyricus
Leuciscus lucumotis
Leuciscus microlepis
Leuciscus polylepis
Leuciscus pyrenaicus
Leuciscus souffia
Leuciscus svallize
Leuciscus turskyi
Leuciscus ukliva
Pachychilon pictum
Pelecus cultratus
Phoxinellus adpersus
Phoxinellus hispanicus
Pseudophoxinus marathonicus
Pseudophoxinus stymphalicus
Rhodeus sericeus
Rutilus alburnoides

(*) The provisions for this appendix shall not apply to salmon in sea waters.

Les dispositions pour cette annexe ne s'appliquent pas aux saumons dans les eaux marines.

Rutilus arcasii
Rutilus frisii
Rutilus graecus
Rutilus lemmingii
Rutilus macedonicus
Rutilus macrolepidotus
Rutilus pigus
Rutilus racovitzai
Rutilus rubilio

Cobitidae

Cobitis elongata
Cobitis hassi
Cobitis larvata
Cobitis paludicola
Cobitis taenia
Cobitis trichonica
Misgurnis fossilis
Sabanejewia aurata
Sabanejewia calderoni

SILURIFORMES

Siluridae

Siluris aristotelis
Siluris glanis

ATHERINIFORMES

Cyprinodontidae

Aphanius fasciatus
Aphanius iberus

GASTEROSTEIFORMES

Syngnathidae

Syngnathus abaster
Syngnathus nigrolineatus

Gasterosteidae

Pungitius hellenicus
Tuntitius platygaster

SCORPAENIFORMES

Cottidae

Cottus poecilopus
Myoxocephalus quadricornis

PERCIFORMES

Serranidae

Epinephelus marginatus (Med.)

Sciaenidae

Sciæna umbra (Med.)
Umbrina cirrosa (Med.)

Percidae

Gymnocephalus baloni
Gymnocephalus schraetzer
Stizostedion volgense
Zingel streber
Zingel zingel

Blenniidae

Blennius fluviatilis

Gobiidae

Gobius fluviatilis
Gobius kessleri
Gobius nigricans
Gobius ophiocephalus
Gobius syrman
Gobius thressalus
Padogobius martensi
Padogobius panizzai
Pomatoschistus canestrini
Pomatoschistus microps
Pomatoschistus minutus
Proterorhinus marmoratus

INVERTEBRATES/INVERTÉBRÉS

Arthropods/Arthropodes

INSECTA

Coleoptera

Lucanus cervus

Lepidoptera

Graellsia isabellae

CRUSTACEA

Decapoda

Astacus astacus

Austropotamobius pallipes

Austropotamobius torrentium

Homarus gammarus (Med.)

Maja squinado (Med.)

Palinurus elephas (Med.)

Scyllarides latus (Med.)

Scyllarides pigmaeus (Med.)

Scyllarides arctus (Med.)

Molluscs/Mollusques

GASTROPODA

Stylommatophora

Helix pomatia

BIVALVIA

Unionida

Margaritifera margaritifera

Microcondymaea compressa

Unio elongatulus

Annelids/Annelides

HIRUDINEA

Arhynchobdellae

Hirudo medicinalis

Echinoderms/Échinodermes

ECHINOIDEA

Paracentrotus lividus (Med.)

Cnidarians/Cnidaires

HEXACORALLIA

Antipathes sp. plur. (Med.)

ALCIONARIA

Corallium rubrum (Med.)

Sponges/Éponges

PORIFERA

Hippospongia communis (Med.)

Spongia agaricina (Med.)

Spongia officinalis (Med.)

Spongia zimocca (Med.)

APPENDIX IV / ANNEXE IV⁴

Prohibited means and methods of killing, capture and other forms of exploitation

Moyens et méthodes de mise à mort, de capture et autres formes d'exploitation interdits

MAMMALS/MAMMIFÈRES

Snares	Collets
Live animals used as decoys which are blind or mutilated	Animaux vivants utilisés comme appelants aveuglés ou mutilés
Tape recorders	Enregistreurs
Electrical devices capable of killing and stunning	Appareils électriques capables de tuer ou d'assommer
Artificial light sources	Sources lumineuses artificielles
Mirrors and other dazzling devices	Miroirs et autres objets aveuglants
Devices for illuminating targets	Dispositifs pour éclairer les cibles
Sighting devices for night shooting comprising an electronic image magnifier or image converter	Dispositifs de visée comportant un convertisseur d'image ou un amplificateur d'image électronique pour tir de nuit
Explosives ⁵	Explosifs ²
Nets ⁶	Filets ³
Traps ³	Pièges-trappes ³
Poison and poisoned or anaesthetic bait	Poison et appâts empoisonnés ou tranquillisants
Gassing or smoking out	Gazage et enfumage
Semi-automatic or automatic weapons with a magazine capable of holding more than two rounds of ammunition	Armes semi-automatiques ou automatiques dont le chargeur peut contenir plus de deux cartouches
Aircraft	Avions
Motor vehicles in motion	Véhicules automobiles en déplacement

⁴ Status in force since 1 March 2002. The Appendices are regularly revised by the Standing Committee./Etat en vigueur depuis le 1er mars 2002. Les annexes sont régulièrement révisées par le Comité permanent.

⁵ Except for whale hunting/excepté pour la chasse aux baleines.

⁶ If applied for large scale or non-selective capture or killing/si appliqué pour la capture ou la mise à mort massive ou non sélective.

BIRDS/OISEAUX

Snare ¹	Collets ¹
Limes	Gluaux
Hooks	Hameçons
Live birds used as decoys which are blind or mutilated	Oiseaux vivants utilisés comme appelants aveuglés ou mutilés
Tape recorders	Enregistreurs
Electrical devices capable of killing and stunning	Appareils électriques capables de tuer ou d'assommer
Artificial light sources	Sources lumineuses artificielles
Mirrors and other dazzling devices	Miroirs et autres objets aveuglants
Devices for illuminating targets	Dispositifs pour éclairer les cibles
Sighting devices for night shooting comprising an electronic image magnifier or image converter	Dispositifs de visée comportant un convertisseur d'image ou un amplificateur d'image électronique pour tir de nuit
Explosives	Explosifs
Nets	Filets
Traps	Pièges-trappes
Poison and poisoned or anaesthetic bait	Poison et appâts empoisonnés ou tranquillisants
Semi-automatic or automatic weapons with a magazine capable of holding more than two rounds of ammunition	Armes semi-automatiques ou automatiques dont le chargeur peut contenir plus de deux cartouches
Aircraft	Avions
Motor vehicles in motion	Véhicules automobiles en déplacement

¹ Except *Lagopus* north of latitude 58° N /excepté *Lagopus* nord de latitude 58° N.

FRESHWATER FISH / POISSONS D'EAU DOUCE

Explosives

Firearms

Poisons

Anaesthetics

Electricity with alternating current

Artificial light sources

Explosifs

Armes à feu

Poisons

Anesthésiants

Electricité au courant alternatif

Sources lumineuses artificielles

CRAYFISH (Decapoda) / ÉCREVISSES (Decapoda)

Explosives

Poisons

Explosifs

Poisons