

**Decision IG.23/10**

**Amendments to Annex II to the Protocol concerning Specially Protected Areas and Biological Diversity in the Mediterranean**

*The Contracting Parties to the Convention for the Protection of the Marine Environment and the Coastal Region of the Mediterranean and its Protocols at their twentieth meeting,*

*Having regard* to the Barcelona Convention for the Protection of the Marine Environment and the Coastal Region of the Mediterranean, and in particular article 23 thereof, which establishes the amendment procedure for annexes to the Barcelona Convention and its Protocols,

*Having regard also* to the Protocol concerning Specially Protected Areas and Biological Diversity in the Mediterranean, and in particular articles 14 and 16 thereof, on the procedure to amend the annexes to the Protocol and the adoption of common criteria for the inclusion of additional species in the annexes to the Protocol respectively,

*Recalling* decision IG.17/4 adopted by the Contracting Parties at their fifteenth meeting (COP 15) (Almeria, Spain, 15-18 January 2008) on common criteria for proposing amendments to annexes II and III to the Protocol and decision IG.21/6 adopted by the Contracting Parties at their eighteenth meeting (COP 18) (Istanbul, Turkey, 3-6 December 2013) on amendments to annexes II and III to the Protocol,

*Reaffirming* the need to ensure that the lists of species appearing in annexes II and III to the Protocol are updated, taking into account the evolution of the conservation status of species, the need for additional protection and the emergence of new scientific data,

*Taking into account* the proposal submitted by Spain at the recent meeting of the focal points for the Specially Protected Areas Regional Activity Centre to amend annex II to the Protocol to include four new Anthozoa species (*Isidella elongata*, *Dendrophyllia cornigera*, *Dendrophyllia ramea* and *Desmophyllum dianthus*) listed in the International Union for Conservation of Nature Red List as “critically endangered”, “endangered”, “vulnerable” and “endangered” respectively,

*Taking into account also* the need to align the denomination of the species listed in annex II to the Protocol with taxonomic changes that occur frequently and with a rectification concerning the particular taxonomic groups to which species belong,

*Having considered* the report of the meeting of the focal points for the Specially Protected Areas Regional Activity Centre in May 2017 and its conclusion to include the four proposed Anthozoa species in annex II to the Protocol,

1. *Adopt* the amendments to annex II to the Protocol concerning Specially Protected Areas and Biological Diversity in the Mediterranean as set out in annex I to the present decision;
2. *Request* the Depositary to communicate without delay to all Contracting Parties the adopted amendments, pursuant to article 23 (2) (iii) of the Barcelona Convention.

**Annex I**

**Annex II - List of endangered or threatened species**

Annex I:

Annex II - List of endangered or threatened species

<b>Magnoliophyta</b>
<i>Cymodocea nodosa</i> (Ucria) Ascherson <i>Posidonia oceanica</i> (Linnaeus) Delile <i>Zostera marina</i> Linnaeus <i>Zosteranoltii</i> Hornemann
<b>Chlorophyta</b>
<i>Caulerpa ollivieri</i> Dostál
<b>Heterokontophyta</b>
Cystoseira genus (except <i>Cystoseira compressa</i> ) <i>Fucus virsoides</i> J. Agardh <i>Kallymenia spathulata</i> (J. Agardh) P.G. Parkinson <i>Laminaria rodriguezii</i> Bornet <i>Sargassum acinarium</i> (Linnaeus) Setchell <i>Sargassum flavifolium</i> Kützing <i>Sargassum hornschurchii</i> C. Agardh <i>Sargassum trichocarpum</i> J. Agardh
<b>Rhodophyta</b>
<i>Fucus virsoides</i> J. Agardh <i>Gymnogongrus crenulatus</i> (Turner) J. Agardh <i>Kallymenia spathulata</i> (J. Agardh) P.G. Parkinson <i>Lithophyllum byssoides</i> (Lamarck) Foslie (synon. <i>Lithophyllum lichenoides</i> ) <i>Ptilophora mediterranea</i> (H. Huvé) R.E. Norris <i>Schimmelmannia schousboei</i> (J. Agardh) J. Agardh <i>Sphaerococcus rhizophylloides</i> J.J. Rodríguez <i>Tenarea tortuosa</i> (Esper) Lemoine <i>Titanoderma ramosissimum</i> (Heydrich) Bressan & Cabioch (synon. <i>Goniolithon byssoides</i> ) <i>Titanoderma trochanter</i> (Bory) Benhissoune <i>et al.</i>
<b>Porifera</b>
<i>Aplysina sp. plur.</i> <i>Asbestopluma hypogea</i> (Vacelet & Boury-Esnault, 1995) <i>Axinella cannabina</i> (Esper, 1794) <i>Axinella polypoides</i> (Schmidt, 1862) <i>Geodia hydronium</i> (Jameson, 1811) <i>Petrobionamassiliana</i> (Vacelet & Lévi, 1958) <i>Sarcotragus foetidus</i> (Schmidt, 1862) (synon. <i>Ircina foetida</i> ) <i>Sarcotragus pipetta</i> (Schmidt, 1868) (synon. <i>Ircinia pipetta</i> ) <i>Tethyasp. plur.</i>
<b>Cnidaria</b>
<i>Antipathella subpinnata</i> (Ellis & Solander, 1786) <i>Antipathes dichotoma</i> (Pallas, 1766) <i>Antipathes fragilis</i> (Gravier, 1918) <i>Astroides calycularis</i> (Pallas, 1766) <i>Callogorgia verticillata</i> (Pallas, 1766) <i>Cladocora caespitosa</i> (Linnaeus, 1767) <i>Cladocora debilis</i> (Milne Edwards & Haime, 1849)

<p><i>Dendrophyllia cornigera</i> (Lamarck, 1816)  <i>Dendrophyllia ramea</i> (Linnaeus, 1758)  <i>Desmophyllum dianthus</i> (Esper, 1794)  <i>Ellisella paraplexauroides</i> (Stiasny, 1936)  <i>Errina aspera</i> (Linnaeus, 1767)  <i>Isidella elongata</i> (Esper, 1788)  <i>Leiopathes glaberrima</i> (Esper, 1792)  <i>Lophelia pertusa</i> (Linnaeus, 1758)  <i>Madrepora oculata</i> (Linnaeus, 1758)  <i>Parantipathes larix</i> (Esper, 1790)  <i>Savalia savaglia</i> Nardo, 1844 (synon. <i>Gerardiasavaglia</i>)</p>
<b>Bryozoa</b>
<i>Hornera lichenoides</i> (Linnaeus, 1758)
<b>Mollusca</b>
<p><i>Charonia lampas</i> (Linnaeus, 1758) (= <i>Ch. Rubicunda</i>= <i>Ch. Nodifera</i>)  <i>Charoniatritonis variegata</i> (Lamarck, 1816) (= <i>Ch. Seguenzia</i>)  <i>Dendropoma petraeum</i> (Monterosato, 1884)  <i>Erosaria spurca</i> (Linnaeus, 1758)  <i>Gibbula nivosa</i> (Adams, 1851)  <i>Lithophaga lithophaga</i> (Linnaeus, 1758)  <i>Luria lurida</i> (Linnaeus, 1758) (= <i>Cypraea lurida</i>)  <i>Mitra zonata</i> (Marryat, 1818)  <i>Patella ferruginea</i> (Gmelin, 1791)  <i>Patella nigra</i> (Da Costa, 1771)  <i>Pholas dactylus</i> (Linnaeus, 1758)  <i>Pinna nobilis</i> (Linnaeus, 1758)  <i>Pinna rudis</i> (= <i>P. pernula</i>) (Linnaeus, 1758)  <i>Ranella olearia</i> (Linnaeus, 1758)  <i>Schilderia achatidea</i> (Gray in G.B. Sowerby II, 1837)  <i>Tonna galea</i> (Linnaeus, 1758)  <i>Zonaria pyrum</i> (Gmelin, 1791)</p>
<b>Crustacea</b>
<p><i>Ocypode cursor</i> (Linnaeus, 1758)  <i>Pachylasma giganteum</i> (Philippi, 1836)</p>
<b>Echinodermata</b>
<p><i>Asterina pancerii</i> (Gasco, 1870)  <i>Centrostephanus longispinus</i> (Philippi, 1845)  <i>Ophidiaster ophidianus</i> (Lamarck, 1816)</p>
<b>Pisces</b>
<p><i>Acipenser naccarii</i> (Bonaparte, 1836)  <i>Acipenser sturio</i> (Linnaeus, 1758)  <i>Aphanius fasciatus</i> (Valenciennes, 1821)  <i>Aphanius iberus</i> (Valenciennes, 1846)  <i>Carcharias taurus</i> (Rafinesque, 1810)  <i>Carcharodon carcharias</i> (Linnaeus, 1758)  <i>Cetorhinus maximus</i> (Gunnerus, 1765)  <i>Dipturus batis</i> (Linnaeus, 1758)  <i>Galeorhinus galeus</i> (Linnaeus, 1758)  <i>Gymnura altavela</i> (Linnaeus, 1758)</p>

<p> <i>Hippocampus guttulatus</i> (Cuvier, 1829) (synon. <i>Hippocampus ramulosus</i>)  <i>Hippocampus hippocampus</i> (Linnaeus, 1758)  <i>Huso huso</i> (Linnaeus, 1758)  <i>Isurus oxyrinchus</i> (Rafinesque, 1810)  <i>Lamna nasus</i> (Bonnaterre, 1788)  <i>Lethentero nzanandreae</i> (Vladykov, 1955)  <i>Leucoraja circularis</i> (Couch, 1838)  <i>Leucoraja melitensis</i> (Clark, 1926)  <i>Mobula mobular</i> (Bonnaterre, 1788)  <i>Odontaspis ferox</i> (Risso, 1810)  <i>Oxynotus centrina</i> (Linnaeus, 1758)  <i>Pomatoschistus canestrini</i> (Ninni, 1883)  <i>Pomatoschistus tortonesei</i> (Miller, 1969)  <i>Pristis pectinata</i> (Latham, 1794)  <i>Pristis pristis</i> (Linnaeus, 1758)  <i>Rhinobatos cemiculus</i> (E. Geoffroy Saint-Hilaire, 1817)  <i>Rhinobatos rhinobatos</i> (Linnaeus, 1758)  <i>Rostroraja alba</i> (Lacépède, 1803)  <i>Sphyrna lewini</i> (Griffith &amp; Smith, 1834)  <i>Sphyrna mokarran</i> (Rüppell, 1837)  <i>Sphyrna zygaena</i> (Linnaeus, 1758)  <i>Squatina aculeata</i> (Dumeril, in Cuvier, 1817)  <i>Squatina oculata</i> (Bonaparte, 1840)  <i>Squatina squatina</i> (Linnaeus, 1758)  <i>Valencia hispanica</i> (Valenciennes, 1846)  <i>Valencia letourneuxi</i> (Sauvage, 1880) </p>
<p><b>Reptiles</b></p> <p> <i>Caretta caretta</i> (Linnaeus, 1758)  <i>Chelonia mydas</i> (Linnaeus, 1758)  <i>Dermochelys coriacea</i> (Vandelli, 1761)  <i>Eretmochelys imbricata</i> (Linnaeus, 1766)  <i>Lepidochelys kempii</i> (Garman, 1880)  <i>Trionyx triunguis</i> (Forskål, 1775) </p>
<p><b>Aves</b></p> <p> <i>Calonectris diomedea</i> (Scopoli, 1769)  <i>Ceryle rudis</i> (Linnaeus, 1758)  <i>Charadrius alexandrinus</i> (Linnaeus, 1758)  <i>Charadrius leschenaultii columbinus</i> (Lesson, 1826)  <i>Falco eleonora</i> (Géné, 1834)  <i>Gelochelidon nilotica</i> (Gmelin, JF, 1789)  <i>Halcyon smyrnensis</i> (Linnaeus, 1758)  <del><i>Hydrobates pelagicus</i> (Linnaeus, 1758)</del>  <i>Hydrobates pelagicus sp. melitensis</i> (Schembri, 1843)  <i>Hydroprogne caspia</i> (Pallas, 1770)  <i>Larus armenicus</i> (Buturlin, 1934)  <i>Larus audouinii</i> (Payraudeau, 1826)  <i>Larus genei</i> (Breme, 1839)  <i>Larus melanocephalus</i> (Temminck, 1820)  <i>Microcarbo pygmaeus</i> (Pallas, 1773)  <i>Numenius tenuirostris</i> (Viellot, 1817)  <i>Pandion haliaetus</i> (Linnaeus, 1758)  <i>Pelecanus crispus</i> (Bruch, 1832)  <i>Pelecanus onocrotalus</i> (Linnaeus, 1758) </p>

*Phalacrocorax aristotelis ssp. desmarestii* (Payraudeau, 1826)

~~*Phalacrocorax aristotelis* (Linnaeus, 1761)~~

~~*Phalacrocorax pygmeus* (Pallas, 1773)~~

*Phoenicopterus roseus* (Pallas, 1811)

~~*Phoenicopterus ruber* (Linnaeus, 1758)~~

*Puffinus mauretanicus* (Lowe, PR, 1921)

*Puffinus yelkouan* (Brünnich, 1764)

~~*Sterna albifrons* (Pallas, 1764)~~

~~*Sterna bengalensis* (Lesson, 1831)~~

~~*Sterna caspia* (Pallas, 1770)~~

~~*Sterna nilotica* (Gmelin, JF, 1789)~~

~~*Sterna sandvicensis* (Latham, 1878)~~

*Sternula albifrons* (Pallas, 1764)

*Thalasseus bengalensis* (Lesson, 1831)

*Thalasseus sandvicensis* (Latham, 1878)

### **Mammalia**

*Balaenoptera acutorostrata* (Lacépède, 1804)

*Balaenoptera borealis* (Lesson, 1828)

*Balaenoptera physalus* (Linnaeus, 1758)

*Delphinus delphis* (Linnaeus, 1758)

*Eubalaena glacialis* (Müller, 1776)

*Globicephala melas* (Trail, 1809)

*Grampus griseus* (Cuvier G., 1812)

*Kogia simus* (Owen, 1866)

*Megaptera novaeangliae* (Borowski, 1781)

*Mesoplodon densirostris* (de Blainville, 1817)

*Monachus monachus* (Hermann, 1779)

*Orcinus orca* (Linnaeus, 1758)

*Phocoena phocoena* (Linnaeus, 1758)

*Physeter macrocephalus* (Linnaeus, 1758)

*Pseudorca crassidens* (Owen, 1846)

*Stenella coeruleoalba* (Meyen, 1833)

*Steno bredanensis* (Cuvier in Lesson, 1828)

*Tursiops truncatus* (Montagu, 1821)

*Ziphius cavirostris* (Cuvier G., 1832)