

## Appendices I and II of the Convention on the Conservation of Migratory Species of Wild Animals (CMS)

(as amended by the Conference of the Parties in  
1985, 1988, 1991, 1994, 1997, 1999, 2002, 2005, 2008, 2011 and 2014)

Effective: 8 February 2015

### Appendix I

#### Interpretation

1. Migratory species included in this Appendix are referred to:
  - a) by the name of the species or subspecies; or
  - b) as being all of the migratory species included in a higher taxon or designated part thereof.
2. Other references to taxa higher than species are for the purposes of information or classification only.
3. The abbreviation for *sensu lato* "(s.l.)" is used to denote that the scientific name is used in its extended meaning.
4. An asterisk (\*) placed against the name of a species indicates that the species, or a separate population of that species, or a higher taxon which includes that species is included in Appendix II.

#### Mammalia

SIRENIA	
Trichechidae	<i>Trichechus manatus</i> * (populations between Honduras and Panama) <i>Trichechus senegalensis</i> *
PRIMATES	
Hominidae	<i>Gorilla gorilla</i> <i>Gorilla beringei</i> <sup>1</sup>
CHIROPTERA	
Molossidae	<i>Tadarida brasiliensis</i>
CARNIVORA	
Felidae	<i>Uncia uncia</i> <sup>2</sup> <i>Acinonyx jubatus</i> (except populations in Botswana, Namibia and Zimbabwe)
Mustelidae	<i>Lontra felina</i> <sup>3</sup> <i>Lontra provocax</i> <sup>4</sup>
Phocidae	<i>Monachus monachus</i> *
PERISSODACTYLA	
Equidae	<i>Equus grevyi</i>
ARTIODACTYLA	
Camelidae	<i>Camelus bactrianus</i> <i>Vicugna vicugna</i> * (except Peruvian populations)
Cervidae	<i>Cervus elaphus yarkandensis</i> <sup>5</sup> * (populations in Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, Uzbekistan and Afghanistan) <i>Cervus elaphus barbarus</i> <i>Hippocamelus bisulcus</i>
Bovidae	<i>Eudorcas ruffrons</i> <i>Bos sauveli</i> <i>Bos grunniens</i> <i>Addax nasomaculatus</i> <i>Gazella cuvieri</i> <i>Nanger dama</i> <sup>6</sup> <i>Gazella dorcas</i> (only Northwest African populations)

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	<i>Gazella leptoceros</i> <i>Oryx dammah</i> *
CETACEA	
Balaenidae	<i>Balaena mysticetus</i> <i>Eubalaena glacialis</i> <sup>7</sup> (North Atlantic) <i>Eubalaena japonica</i> <sup>8</sup> (North Pacific) <i>Eubalaena australis</i> <sup>9</sup>
Balaenopteridae	<i>Balaenoptera borealis</i> * <i>Balaenoptera physalus</i> * <i>Balaenoptera musculus</i> <i>Megaptera novaeangliae</i>
Delphinidae	<i>Delphinus delphis</i> * (only Mediterranean population) <i>Tursiops truncatus ponticus</i> * <i>Orcaella brevirostris</i> * <i>Sousa teuszii</i> *
Physeteridae	<i>Physeter macrocephalus</i> *
Platanistidae	<i>Platanista gangetica gangetica</i> *
Pontoporiidae	<i>Pontoporia blainvillei</i> *
Ziphiidae	<i>Ziphius cavirostris</i> (only Mediterranean subpopulation)

### Aves

ANSERIFORMES	
Anatidae	<i>Oxyura leucocephala</i> * <i>Branta ruficollis</i> * <i>Anser cygnoid</i> <sup>10</sup> * <i>Anser erythropus</i> * <i>Polysticta stelleri</i> * <i>Chloephaga rubidiceps</i> * <i>Marmaronetta angustirostris</i> * <i>Aythya baeri</i> * <i>Aythya nyroca</i> * <i>Sibirionetta formosa</i> <sup>11</sup> *
PHOENICOPTERIFORMES	
Phoenicopteridae	<i>Phoenicoparrus andinus</i> <sup>12</sup> * <i>Phoenicoparrus jamesi</i> <sup>13</sup> *
GRUIFORMES	
Rallidae	<i>Sarothrura ayresi</i> *
Gruidae	<i>Leucogeranus leucogeranus</i> <sup>14</sup> * <i>Antigone vipio</i> <sup>15</sup> * <i>Grus japonensis</i> * <i>Grus monacha</i> * <i>Grus nigricollis</i> *
OTIDIFORMES	
Otididae	<i>Otis tarda</i> * <i>Chlamydotis undulata</i> (only Northwest African populations)
SPHENISCIFORMES	
Spheniscidae	<i>Spheniscus humboldti</i>
PROCELLARIIFORMES	
Diomedeidae	<i>Diomedea amsterdamensis</i> <i>Phoebastria albatrus</i> <sup>16</sup>
Procellariidae	<i>Pterodroma atrata</i> <i>Pterodroma sandwichensis</i> <sup>17</sup> <i>Pterodroma phaeopygia</i> <i>Pterodroma cahow</i> <i>Ardenna creatopus</i> <sup>18</sup> <i>Puffinus mauretanicus</i> <i>Pelecanoides garnotii</i>

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CICONIIFORMES		
Ciconiidae		<i>Ciconia boyciana</i>
PELECANIFORMES		
Threskiornithidae		<i>Platalea minor</i> <i>Geronticus eremita</i> *
Ardeidae		<i>Gorsachius goisagi</i> <i>Ardeola idae</i> *
Pelecanidae		<i>Egretta eulophotes</i> <i>Pelecanus crispus</i> * <i>Pelecanus onocrotalus</i> * (only Palearctic populations)
CHARADRIIFORMES		
Charadriidae		<i>Vanellus gregarius</i> <sup>19</sup> *
Scolopacidae		<i>Numenius tahitiensis</i> * <i>Numenius borealis</i> * <i>Numenius tenuirostris</i> * <i>Numenius madagascariensis</i> * <i>Calidris tenuirostris</i> <i>Calidris canutus rufa</i> * <i>Calidris pygmaea</i> <sup>20</sup> * <i>Calidris subruficollis</i> <sup>21</sup> * <i>Calidris pusilla</i> <i>Tringa guttifer</i> *
Laridae		<i>Saundersilarus saundersi</i> <sup>22</sup> <i>Larus relictus</i> <i>Larus leucophthalmus</i> * <i>Larus audouinii</i> * <i>Larus atlanticus</i> <i>Sternula lorata</i> <sup>23</sup> <i>Thalasseus bernsteini</i> <sup>24</sup>
Alcidae		<i>Synthliboramphus wumizusume</i>
ACCIPITRIFORMES		
Accipitridae		<i>Neophron percnopterus</i> * <i>Clanga clanga</i> <sup>25</sup> * <i>Aquila adalberti</i> <sup>26</sup> * <i>Aquila heliaca</i> * <i>Haliaeetus leucoryphus</i> * <i>Haliaeetus albicilla</i> * <i>Haliaeetus pelagicus</i> *
CORACIIFORMES		
Coraciidae		<i>Coracias garrulus</i> *
FALCONIFORMES		
Falconidae		<i>Falco naumanni</i> * <i>Falco vespertinus</i> * <i>Falco cherrug</i> * (except Mongolian populations)
PSITTACIFORMES		
Psittacidae		<i>Brotogeris pyrrhoptera</i> <sup>27</sup>
PASSERIFORMES		
Tyrannidae		<i>Alectrurus risora</i> * <i>Alectrurus tricolor</i> *
Hirundinidae		<i>Hirundo atrocaerulea</i> *
Muscicapidae		<i>Acrocephalus griseldis</i> * <i>Acrocephalus paludicola</i> * <i>Acrocephalus sorghophilus</i> * <i>Zoothera guttata</i> *
Emberizidae		<i>Emberiza aureola</i> <i>Sporophila zelichi</i> * <i>Sporophila cinnamomea</i> * <i>Sporophila hypochroma</i> *

Parulidae	<i>Sporophila palustris</i> *
	<i>Dendroica kirtlandii</i>
	<i>Dendroica cerulea</i>
Icteridae	<i>Agelaius flavus</i> *
Fringillidae	<i>Serinus syriacus</i>

### Reptilia

TESTUDINATA	
Cheloniidae	<i>Chelonia mydas</i> *
	<i>Caretta caretta</i> *
	<i>Eretmochelys imbricata</i> *
	<i>Lepidochelys kempii</i> *
	<i>Lepidochelys olivacea</i> *
Dermochelyidae	<i>Dermochelys coriacea</i> *
Pelomedusidae	<i>Podocnemis expansa</i> * (only Upper Amazon populations)

CROCODYLIA	
Gavialidae	<i>Gavialis gangeticus</i>

### Pisces

#### Elasmobranchii

LAMNIFORMES	
Lamnidae	<i>Carcharodon carcharias</i> *
Cetorhinidae	<i>Cetorhinus maximus</i> *

PRISTIFORMES	
Pristidae	<i>Anoxypristis cuspidata</i> *
	<i>Pristis clavata</i> *
	<i>Pristis pectinata</i> *
	<i>Pristis zijsron</i> *
	<i>Pristis pristis</i> <sup>28</sup> *

MYLIOBATIFORMES	
Myliobatidae	<i>Manta alfredi</i> *
	<i>Manta birostris</i> *
	<i>Mobula mobular</i> <sup>29</sup> *
	<i>Mobula japonica</i> <sup>30</sup> *
	<i>Mobula thurstoni</i> *
	<i>Mobula tarapacana</i> *
	<i>Mobula eregoodootenkee</i> *
	<i>Mobula kuhlii</i> *
	<i>Mobula hypostoma</i> *
	<i>Mobula rochebrunei</i> *
	<i>Mobula munkiana</i> *

#### Actinopterygii

ACIPENSERIFORMES	
Acipenseridae	<i>Acipenser sturio</i> *

SILURIFORMES	
Schilbeidae	<i>Pangasianodon gigas</i>

## Appendix II

### Interpretation

1. Migratory species included in this Appendix are referred to:
  - a) by the name of the species or subspecies; or
  - b) as being all of the migratory species included in a higher taxon or designated part thereof.

Unless otherwise indicated, where reference is made to a taxon higher than species, it is understood that all the migratory species within that taxon could significantly benefit from the conclusion of AGREEMENTS.
2. The abbreviation "spp." following the name of a Family or Genus is used to denote all migratory species within that Family or Genus.
3. Other references to taxa higher than species are for the purposes of information or classification only.
4. The abbreviation "(s.l.)" is used to indicate that the scientific name is used in its extended meaning.
5. An asterisk (\*) placed against the name of a species or higher taxon indicates that the species, or a separate population of that species, or one or more species included in that higher taxon is included in Appendix I.

### Mammalia

#### PROBOSCIDEA

Elephantidae

*Loxodonta africana*  
*Loxodonta cyclotis*<sup>31</sup>

#### SIRENIA

Dugongidae

*Dugong dugon*

Trichechidae

*Trichechus manatus* \* (populations between Honduras and Panama)  
*Trichechus senegalensis* \*  
*Trichechus inunguis*

#### CHIROPTERA

Pteropodidae

*Eidolon helvum* (only African populations)

Rhinolophidae

R. spp. (only European populations)

Molossidae

*Otomops martiensseni* (only African populations)  
*Otomops madagascariensis*<sup>32</sup>

*Tadarida teniotis*

*Tadarida insignis*<sup>33</sup>

*Tadarida latouchei*<sup>34</sup>

Vespertilionidae

V. spp. (only European populations)

*Miniopterus schreibersii* (only African and European populations)

*Miniopterus majori*<sup>35</sup>

*Miniopterus natalensis*<sup>36</sup> (only African populations)

#### CARNIVORA

Canidae

*Lycaon pictus*

Ursidae

*Ursus maritimus*

Otariidae

*Arctocephalus australis*

*Otaria flavescens*

Phocidae

*Phoca vitulina* (only Baltic and Wadden Sea populations)

*Halichoerus grypus* (only Baltic Sea populations)

*Monachus monachus* \*

#### PERISSODACTYLA

Equidae

*Equus hemionus*<sup>37</sup>

*Equus kiang*<sup>38</sup>

ARTIODACTYLA

Camelidae	<i>Vicugna vicugna</i> *
Cervidae	<i>Cervus elaphus yarkandensis</i> <sup>39</sup> * (populations in Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, Uzbekistan and Afghanistan)
Bovidae	<i>Oryx dammah</i> *
	<i>Gazella gazella</i> (only Asian populations)
	<i>Gazella erlangeri</i> <sup>40</sup>
	<i>Gazella subgutturosa</i>
	<i>Procapra gutturosa</i>
	<i>Saiga tatarica</i> <sup>41</sup>
	<i>Saiga borealis</i> <sup>42</sup>
	<i>Ammotragus lervia</i>
	<i>Ovis ammon</i>
	<i>Kobus kob leucotis</i>

CETACEA

Balaenopteridae	<i>Balaenoptera bonaerensis</i>
	<i>Balaenoptera edeni</i>
	<i>Balaenoptera borealis</i> *
	<i>Balaenoptera omurai</i> <sup>43</sup>
	<i>Balaenoptera physalus</i> *
Neobalaenidae	<i>Caperea marginata</i>
Delphinidae	<i>Sousa chinensis</i>
	<i>Sousa teuszii</i> *
	<i>Sotalia fluviatilis</i>
	<i>Sotalia guianensis</i> <sup>44</sup>
	<i>Lagenorhynchus albirostris</i> (only North and Baltic Sea populations)
	<i>Lagenorhynchus acutus</i> (only North and Baltic Sea populations)
	<i>Lagenorhynchus obscurus</i>
	<i>Lagenorhynchus australis</i>
	<i>Grampus griseus</i> (only North Sea, Baltic Sea and Mediterranean populations)
	<i>Tursiops aduncus</i> (Arafura/Timor Sea populations)
	<i>Tursiops truncatus</i> * (North Sea, Baltic Sea, Mediterranean and Black Sea populations)
	<i>Stenella attenuata</i> (eastern tropical Pacific population, Southeast Asian populations)
	<i>Stenella longirostris</i> (eastern tropical Pacific populations, Southeast Asian populations)
	<i>Stenella coeruleoalba</i> (eastern tropical Pacific population, Mediterranean population)
	<i>Stenella clymene</i> (West African population)
	<i>Delphinus delphis</i> * (North and Baltic Sea, Mediterranean, Black Sea and eastern tropical Pacific populations)
	<i>Lagenodelphis hosei</i> (Southeast Asian populations)
	<i>Orcaella brevirostris</i> *
	<i>Orcaella heinsohni</i> <sup>45</sup>
	<i>Cephalorhynchus commersonii</i> (South American population)
Monodontidae	<i>Cephalorhynchus eutropia</i>
	<i>Cephalorhynchus heavisidii</i>
Phocoenidae	<i>Orcinus orca</i>
	<i>Globicephala melas</i> (only North and Baltic Sea populations)
	<i>Delphinapterus leucas</i>
	<i>Monodon monoceros</i>
	<i>Phocoena phocoena</i> (North and Baltic Sea, western North Atlantic, Black Sea and North West African populations)
	<i>Phocoena spinipinnis</i>
Physeteridae	<i>Phocoena dioptica</i>
Platanistidae	<i>Neophocaena phocaenoides</i>
Iniidae	<i>Neophocaena asiaeorientalis</i> <sup>46</sup>
Pontoporiidae	<i>Phocoenoides dalli</i>
Ziphiidae	<i>Physeter macrocephalus</i> *

*Platanista gangetica gangetica*<sup>47</sup> \*  
*Inia geoffrensis*  
*Pontoporia blainvillei* \*  
*Berardius bairdii*  
*Hyperoodon ampullatus*

### Aves

GALLIFORMES	
Phasianidae	<i>Coturnix coturnix coturnix</i>
ANSERIFORMES	
Anatidae	A. spp. *
PODICIPEDIFORMES	
Podicipedidae	<i>Podiceps grisegena grisegena</i> <i>Podiceps auritus</i> (Western Palearctic populations)
PHOENICOPTERIFORMES	
Phoenicopteridae	Ph. spp. *
COLUMBIFORMES	
Columbidae	<i>Streptopelia turtur turtur</i>
GRUIFORMES	
Rallidae	<i>Sarothrura boehmi</i> <i>Sarothrura ayresi</i> * <i>Crex crex</i> <i>Porzana porzana</i> (populations breeding in the Western Palearctic) <i>Zapornia parva</i> <sup>48</sup> (Western Eurasia/Africa population) <i>Zapornia pusilla intermedia</i> <sup>49</sup> <i>Amauornis marginalis</i> <sup>50</sup> <i>Fulica atra atra</i> (Mediterranean and Black Sea populations) <i>Grus</i> spp. <sup>51</sup> *
Gruidae	
OTIDIFORMES	
Otididae	<i>Otis tarda</i> * <i>Chlamydotis macqueenii</i> <sup>52</sup>
GAVIIFORMES	
Gavidae	<i>Gavia stellata</i> (Western Palearctic populations) <i>Gavia arctica arctica</i> <sup>53</sup> <i>Gavia immer</i> <sup>54</sup> (Northwest European population) <i>Gavia adamsii</i> (Western Palearctic population)
SPHENISCIFORMES	
Spheniscidae	<i>Spheniscus demersus</i>
PROCELLARIIFORMES	
Diomedidae	<i>Diomedea sanfordi</i> <sup>55</sup> <i>Diomedea epomophora</i> <i>Diomedea exulans</i> <i>Diomedea antipodensis</i> <sup>56</sup> <i>Diomedea dabbenena</i> <sup>57</sup> <i>Phoebastria fusca</i> <i>Phoebastria palpebrata</i> <i>Phoebastria irrorata</i> <sup>58</sup> <i>Phoebastria nigripes</i> <sup>59</sup> <i>Phoebastria immutabilis</i> <sup>60</sup> <i>Thalassarche chlororhynchos</i> <sup>61</sup>

	<i>Thalassarche carteri</i> <sup>62</sup>
	<i>Thalassarche chrysostoma</i> <sup>63</sup>
	<i>Thalassarche melanophris</i> <sup>64</sup>
	<i>Thalassarche impavida</i> <sup>65</sup>
	<i>Thalassarche bulleri</i> <sup>66</sup>
	<i>Thalassarche cauta</i> <sup>67</sup>
	<i>Thalassarche steadi</i> <sup>68</sup>
	<i>Thalassarche eremita</i> <sup>69</sup>
	<i>Thalassarche salvini</i> <sup>70</sup>
Procellariidae	<i>Macronectes halli</i>
	<i>Macronectes giganteus</i>
	<i>Procellaria cinerea</i>
	<i>Procellaria aequinoctialis</i>
	<i>Procellaria conspicillata</i> <sup>71</sup>
	<i>Procellaria westlandica</i>
	<i>Procellaria parkinsoni</i>
CICONIIFORMES	
Ciconiidae	<i>Mycteria ibis</i>
	<i>Ciconia nigra</i>
	<i>Ciconia microscelis</i> <sup>72</sup>
	<i>Ciconia ciconia</i>
PELECANIFORMES	
Threskiornithidae	<i>Platalea alba</i> (excluding Malagasy population)
	<i>Platalea leucorodia</i>
	<i>Threskiornis aethiopicus</i> <sup>73</sup> (Sub-Saharan Africa and Southwest Asia (Iran/Iraq) populations)
	<i>Geronticus eremita</i> *
	<i>Plegadis falcinellus</i>
Ardeidae	<i>Botaurus stellaris stellaris</i> (Western Palearctic populations)
	<i>Ixobrychus minutus minutus</i> (Western Palearctic populations)
	<i>Ixobrychus sturmii</i>
	<i>Ardeola idae</i> *
	<i>Ardeola rufiventris</i>
	<i>Ardea purpurea purpurea</i> (populations breeding in the Western Palearctic)
	<i>Ardea alba alba</i> <sup>74</sup> (Western Palearctic populations)
	<i>Egretta vinaceigula</i>
Pelecanidae	<i>Pelecanus crispus</i> *
	<i>Pelecanus onocrotalus</i> * (Western Palearctic populations)
SULIFORMES	
Phalacrocoracidae	<i>Microcarbo pygmaeus</i> <sup>75</sup>
	<i>Phalacrocorax nigrogularis</i>
CHARADRIIFORMES	
Burhinidae	<i>Burhinus oedicephalus</i>
Recurvirostridae	R. spp.
Charadriidae	C. spp. *
Scolopacidae	S. spp. <sup>76</sup> *
Dromadidae	<i>Dromas ardeola</i>
Glareolidae	<i>Glareola pratincola</i>
	<i>Glareola nordmanni</i>
	<i>Glareola nuchalis</i>
Laridae	<i>Rynchops flavirostris</i>
	<i>Larus genei</i>
	<i>Larus ichthyaetus</i> (West Eurasian and African population)
	<i>Larus melanocephalus</i>
	<i>Larus hemprichii</i>
	<i>Larus leucophthalmus</i> *
	<i>Larus audouinii</i> *



		<i>Larus armenicus</i> <i>Sternula albifrons</i> <sup>77</sup> <i>Sternula saundersi</i> <sup>78</sup> <i>Sternula balaenarum</i> <sup>79</sup> <i>Gelochelidon nilotica nilotica</i> <sup>80</sup> (West Eurasian and African populations) <i>Hydroprogne caspia</i> <sup>81</sup> (West Eurasian and African populations) <i>Chlidonias leucopterus</i> (West Eurasian and African population) <i>Chlidonias niger niger</i> <i>Sterna dougallii</i> (Atlantic population) <i>Sterna hirundo hirundo</i> (populations breeding in the Western Palearctic) <i>Sterna repressa</i> <i>Sterna paradisaea</i> (Atlantic populations) <i>Thalasseus bengalensis</i> <sup>82</sup> (African and Southwest Asian populations) <i>Thalasseus sandvicensis sandvicensis</i> <sup>83</sup> <i>Thalasseus maximus albidorsalis</i> <sup>84</sup> <i>Thalasseus bergii</i> <sup>85</sup> (African and Southwest Asian populations)
CATHARTIFORMES		
	Cathartidae	C. spp.
ACCIPITRIFORMES		
	Pandionidae	<i>Pandion haliaetus</i>
	Accipitridae	A. spp. *
CORACIIFORMES		
	Meropidae	<i>Merops apiaster</i>
	Coraciidae	<i>Coracias garrulus</i> *
FALCONIFORMES		
	Falconidae	F. spp. *
PSITTACIFORMES		
	Psittacidae	<i>Amazona tucumana</i>
PASSERIFORMES		
	Muscicapidae	M. (s.l.) spp. <sup>86</sup> *
	Hirundinidae	<i>Hirundo atrocaerulea</i> *
	Tyrannidae	<i>Alectrurus risora</i> *
		<i>Alectrurus tricolor</i> *
		<i>Pseudocolopteryx dinellianus</i>
		<i>Polystictus pectoralis pectoralis</i>
	Emberizidae	<i>Sporophila ruficollis</i>
		<i>Sporophila zelichi</i> *
		<i>Sporophila cinnamomea</i> *
		<i>Sporophila hypochroma</i> *
		<i>Sporophila palustris</i> *
	Parulidae	<i>Cardellina canadensis</i>
	Icteridae	<i>Agelaius flavus</i> *
		<i>Dolichonyx oryzivorus</i>
		<b>Reptilia</b>
TESTUDINATA		
	Cheloniidae	C. spp. *
	Dermochelyidae	D. spp. *
	Podocnemididae	<i>Podocnemis expansa</i> *
CROCODYLIA		
	Crocodylidae	<i>Crocodylus porosus</i>

**Pisces**

**Elasmobranchii**

ORECTOLOBIFORMES  
Rhincodontidae

*Rhincodon typus*

LAMNIFORMES

Cetorhinidae  
Lamnidae

*Cetorhinus maximus* \*  
*Carcharodon carcharias* \*  
*Isurus oxyrinchus*  
*Isurus paucus*  
*Lamna nasus*  
*Alopias pelagicus*  
*Alopias superciliosus*  
*Alopias vulpinus*

Alopiidae

CARCHARHINIFORMES

Carcharhinidae  
Sphyrnidae

*Carcharhinus falciformis*  
*Sphyrna lewini*  
*Sphyrna mokarran*

SQUALIFORMES

Squalidae

*Squalus acanthias* (Northern Hemisphere populations)

PRISTIFORMES

Pristidae

*Anoxypristis cuspidata* \*  
*Pristis clavata* \*  
*Pristis pectinata* \*  
*Pristis zijsron* \*  
*Pristis pristis* <sup>87</sup> \*

MYLIOBATIFORMES

Myliobatidae

*Manta alfredi* \*  
*Manta birostris* \*  
*Mobula mobular* <sup>88</sup> \*  
*Mobula japanica* <sup>89</sup> \*  
*Mobula thurstoni* \*  
*Mobula tarapacana* \*  
*Mobula eregoodootenkee* \*  
*Mobula kuhlii* \*  
*Mobula hypostoma* \*  
*Mobula rochebrunei* \*  
*Mobula munkiana* \*

**Actinopterygii**

ACIPENSERIFORMES

Acipenseridae

*Huso huso*  
*Huso dauricus*  
*Acipenser baerii baicalensis*  
*Acipenser fulvescens*  
*Acipenser gueldenstaedtii*  
*Acipenser medirostris*  
*Acipenser mikadoi*  
*Acipenser naccarii*  
*Acipenser nudiventris*

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	<i>Acipenser persicus</i>
	<i>Acipenser ruthenus</i> (Danube population)
	<i>Acipenser schrenckii</i>
	<i>Acipenser sinensis</i>
	<i>Acipenser stellatus</i>
	<i>Acipenser sturio</i> *
	<i>Pseudoscaphirhynchus kaufmanni</i>
	<i>Pseudoscaphirhynchus hermanni</i>
	<i>Pseudoscaphirhynchus fedtschenkoi</i>
	<i>Psephurus gladius</i>
ANGUILLIFORMES	
Anguillidae	<i>Anguilla anguilla</i>

### Insecta

LEPIDOPTERA	
Danaiidae	<i>Danaus plexippus</i>

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- 1 Formerly included in *Gorilla gorilla*
  - 2 Formerly listed as *Panthera uncia*
  - 3 Formerly listed as *Lutra felina*
  - 4 Formerly listed as *Lutra provocax*
  - 5 Formerly listed as *Cervus elaphus bactrianus*
  - 6 Formerly listed as *Gazella dama*
  - 7 Formerly included in *Balaena glacialis glacialis*
  - 8 Formerly included in *Balaena glacialis glacialis*
  - 9 Formerly listed as *Balaena glacialis australis*
  - 10 Formerly listed as *Anser cygnoides*
  - 11 Formerly listed as *Anas formosa*
  - 12 Formerly listed as *Phoenicopterus andinus*
  - 13 Formerly listed as *Phoenicopterus jamesi*
  - 14 Formerly listed as *Grus leucogeranus*
  - 15 Formerly listed as *Grus vipio*
  - 16 Formerly listed as *Diomedea albatrus*
  - 17 Formerly included in *Pterodroma phaeopygia* (s.l.)
  - 18 Formerly listed as *Puffinus creatopus*
  - 19 Formerly listed as *Chettusia gregaria*
  - 20 Formerly listed as *Eurynorhynchus pygmeus*
  - 21 Formerly listed as *Tryngites subruficollis*
  - 22 Formerly listed as *Larus saundersi*
  - 23 Formerly listed as *Sterna lorata*
  - 24 Formerly listed as *Sterna bernsteini*
  - 25 Formerly listed as *Aquila clanga*
  - 26 Formerly included in *Aquila heliaca* (s.l.)
  - 27 Formerly listed as *Brotogeris pyrrhopterus*
  - 28 This includes *Pristis microdon*
  - 29 This includes *Mobula diabolus*
  - 30 This includes *Mobula rancureli*
  - 31 Formerly included in *Loxodonta africana*
  - 32 Formerly included in *Otomops martiensseni*
  - 33 Formerly included in *Tadarida teniotis*
  - 34 Formerly included in *Tadarida teniotis*
  - 35 Formerly included in *Miniopterus schreibersii*
  - 36 Formerly included in *Miniopterus schreibersii*
  - 37 This includes *Equus onager*
  - 38 Formerly included in *Equus hemionus* (s.l.)

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- 39 Formerly listed as *Cervus elaphus bactrianus*  
40 Formerly included in *Gazella gazella*  
41 Formerly included in *Saiga tatarica*, sensu Wilson & Reeder 1993  
42 Formerly included in *Saiga tatarica*, sensu Wilson & Reeder 1993  
43 Formerly included in *Balaenoptera edeni*  
44 Formerly included in *Sotalia fluviatilis*  
45 Formerly included in *Orcaella brevirostris*  
46 Formerly included in *Neophocaena phocaenoides*  
47 Formerly listed as *Platanista gangetica*  
48 Formerly listed as *Porzana parva parva*  
49 Formerly listed as *Porzana pusilla intermedia*  
50 Formerly listed as *Aenigmatolimnas marginalis*  
51 This includes *Grus virgo*, formerly listed as *Anthropoides virgo*  
52 Formerly included in *Chlamydotis undulata*  
53 It includes *Gavia arctica suschkini*  
54 Formerly listed as *Gavia immer immer*  
55 Formerly included in *Diomedea epomophora*  
56 Formerly included in *Diomedea exulans*  
57 Formerly included in *Diomedea exulans*  
58 Formerly listed as *Diomedea irrorata*  
59 Formerly listed as *Diomedea nigripes*  
60 Formerly listed as *Diomedea immutabilis*  
61 Formerly listed as *Diomedea chlororhynchos*  
62 Formerly included in *Diomedea chlororhynchos*  
63 Formerly listed as *Diomedea chrysostoma*  
64 Formerly listed as *Diomedea melanophris*  
65 Formerly included in *Diomedea melanophris*  
66 Formerly listed as *Diomedea bulleri*  
67 Formerly listed as *Diomedea cauta*  
68 Formerly included in *Diomedea cauta*  
69 Formerly included in *Diomedea cauta*  
70 Formerly included in *Diomedea cauta*  
71 Formerly included in *Procellaria aequinoctialis*  
72 Formerly listed as *Ciconia episcopus microscelis*  
73 Formerly listed as *Threskiornis aethiopicus aethiopicus*  
74 Formerly listed as *Casmerodius albus albus* (Western Palearctic populations)  
75 Formerly listed as *Phalacrocorax pygmaeus*  
76 This includes the sub-family Phalaropodinae, formerly listed as the family Phalaropodidae  
77 Formerly listed as *Sterna albifrons*  
78 Formerly listed as *Sterna saundersi*  
79 Formerly listed as *Sterna balaenarum*  
80 Formerly listed as *Sterna nilotica nilotica*  
81 Formerly listed as *Sterna caspia*  
82 Formerly listed as *Sterna bengalensis*  
83 Formerly listed as *Sterna sandvicensis sandvicensis*  
84 Formerly listed as *Sterna maxima albididorsalis*  
85 Formerly listed as *Sterna bergii*  
86 This includes the sub-family Sylviinae, formerly listed as the family Sylviidae  
87 This includes *Pristis microdon*  
88 This includes *Mobula diabolus*  
89 This includes *Mobula rancureli*