

## 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 and 2008)

Effective: 5<sup>th</sup> March 2009

### 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

##### CHIROPTERA

Molossidae

*Tadarida brasiliensis*

##### PRIMATES

Hominidae<sup>1</sup>

*Gorilla gorilla*  
*Gorilla beringei*<sup>2</sup>

##### CETACEA

Physeteridae

*Physeter macrocephalus* \*

Platanistidae

*Platanista gangetica gangetica* \*

Pontoporiidae

*Pontoporia blainvillei* \*

Delphinidae

*Delphinus delphis* \* (only Mediterranean population)

*Tursiops truncatus ponticus* \*

*Orcaella brevirostris* \*

*Sousa teuszii* \*

Balaenopteridae

*Balaenoptera borealis* \*

*Balaenoptera physalus* \*

*Balaenoptera musculus*

*Megaptera novaeangliae*

Balaenidae

*Balaena mysticetus*

*Eubalaena glacialis*<sup>3</sup> (North Atlantic)

*Eubalaena japonica*<sup>3</sup> (North Pacific)

*Eubalaena australis*<sup>4</sup>

##### CARNIVORA

Mustelidae

*Lontra felina*<sup>5</sup>

*Lontra provocax*<sup>6</sup>

Felidae

*Uncia uncia*<sup>7</sup>

*Acinonyx jubatus* (except populations in Botswana, Namibia and Zimbabwe)

Phocidae<sup>8</sup>

*Monachus monachus* \*

##### SIRENIA

Trichechidae

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

*Trichechus senegalensis* \*

PERISSODACTYLA

Equidae

*Equus grevyi*

ARTIODACTYLA

Camelidae

*Camelus bactrianus*

Cervidae

*Vicugna vicugna* \* (except Peruvian populations)  
*Cervus elaphus yarkandensis*<sup>9</sup> \* (populations in Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, Uzbekistan and Afghanistan, formerly listed as *Cervus elaphus bactrianus*)  
*Cervus elaphus barbarus*  
*Hippocamelus bisulcus*

Bovidae

*Bos sauveli*  
*Bos grunniens*  
*Addax nasomaculatus*  
*Gazella cuvieri*  
*Nanger dama*<sup>10</sup>  
*Gazella dorcas* (only Northwest African populations)  
*Gazella leptoceros*  
*Oryx dammah* \*

**Aves**

SPHENISCIFORMES

Spheniscidae

*Spheniscus humboldti*

PROCELLARIIFORMES

Diomedidae

*Diomedea albatrus*  
*Diomedea amsterdamensis*

Procellariidae

*Pterodroma atrata*  
*Pterodroma cahow*  
*Pterodroma phaeopygia*  
*Pterodroma sandwichensis*<sup>11</sup>  
*Puffinus creatopus*  
*Puffinus mauretanicus*  
*Pelecanoides garnotii*

Pelecanoididae

PELECANIFORMES

Pelecanidae

*Pelecanus crispus* \*  
*Pelecanus onocrotalus* \* (only Palearctic populations)

CICONIIFORMES

Ardeidae

*Ardeola idae* \*  
*Egretta eulophotes*  
*Gorsachius goisagi*  
*Ciconia boyciana*  
*Geronticus eremita* \*  
*Platalea minor*

Ciconiidae

Threskiornithidae

PHOENICOPTERIFORMES

Phoenicopteridae

*Phoenicopus andinus*<sup>12</sup> \*  
*Phoenicopus jamesi*<sup>13</sup> \*

ANSERIFORMES

Anatidae

*Anser cygnoides* \*  
*Anser erythropus* \*  
*Branta ruficollis* \*  
*Chloephaga rubidiceps* \*  
*Anas formosa* \*  
*Marmaronetta angustirostris* \*  
*Aythya baeri* \*  
*Aythya nyroca* \*

	<i>Polysticta stelleri</i> *
	<i>Oxyura leucocephala</i> *
FALCONIFORMES	
Accipitridae	<i>Haliaeetus albicilla</i> *
	<i>Haliaeetus leucoryphus</i> *
	<i>Haliaeetus pelagicus</i> *
	<i>Aquila clanga</i> *
	<i>Aquila heliaca</i> *
	<i>Aquila adalberti</i> <sup>14</sup> *
	<i>Neophron percnopterus</i> *
Falconidae	<i>Falco naumanni</i> *
GRUIFORMES	
Gruidae	<i>Grus japonensis</i> *
	<i>Grus leucogeranus</i> *
	<i>Grus monacha</i> *
	<i>Grus nigricollis</i> *
	<i>Grus vipio</i> *
Rallidae	<i>Sarothrura ayresi</i> *
Otididae	<i>Chlamydotis undulata</i> * (only Northwest African populations)
	<i>Otis tarda</i> * (Middle-European population)
CHARADRIIFORMES	
Charadriidae	<i>Vanellus gregarius</i> <sup>15</sup> *
Scolopacidae	<i>Calidris canutus rufa</i> *
	<i>Numenius borealis</i> *
	<i>Numenius tenuirostris</i> *
	<i>Tringa guttifer</i> *
	<i>Eurynorhynchus pygmeus</i> *
	<i>Tryngites subruficollis</i> *
Laridae	<i>Larus atlanticus</i>
	<i>Larus audouinii</i> *
	<i>Larus leucophthalmus</i> *
	<i>Larus relictus</i>
	<i>Larus saundersi</i>
	<i>Sterna bernsteini</i>
	<i>Sterna lorata</i>
Alcidae	<i>Synthliboramphus wumizusume</i>
PSITTACIFORMES	
Psittacidae	<i>Brotogeris pyrrhopterus</i>
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> *
	<i>Sporophila palustris</i> *
Parulidae	<i>Dendroica kirtlandii</i>
	<i>Dendroica cerulea</i>
Icteridae	<i>Agelaius flavus</i> *
Fringillidae	<i>Serinus syriacus</i>

### Reptilia

#### TESTUDINATA

Cheloniidae

*Chelonia mydas* \*

*Caretta caretta* \*

*Eretmochelys imbricata* \*

*Lepidochelys kempii* \*

*Lepidochelys olivacea* \*

Dermochelyidae

*Dermochelys coriacea* \*

Pelomedusidae

*Podocnemis expansa* \* (only Upper Amazon populations)

#### CROCODYLIA

Gavialidae

*Gavialis gangeticus*

### Pisces

#### Elasmobranchii

#### LAMNIFORMES

Cetorhinidae

*Cetorhinus maximus* \*

Lamnidae

*Carcharodon carcharias* \*

#### Actinopterygii

#### ACIPENSERIFORMES

Acipenseridae

*Acipenser sturio* \*

#### SILURIFORMES

Schilbeidae

*Pangasianodon gigas*

## 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

#### CHIROPTERA

Rhinolophidae	R. spp. (only European populations)
Vespertilionidae	V. spp. (only European populations) <i>Miniopterus schreibersii</i> (only African and European populations) <i>Miniopterus majori</i> <sup>16</sup> <i>Miniopterus natalensis</i> <sup>16</sup> (only African populations)
Molossidae	<i>Otomops martiensseni</i> (only African populations) <i>Otomops madagascariensis</i> <sup>17</sup> <i>Tadarida teniotis</i> <i>Tadarida insignis</i> <sup>18</sup> <i>Tadarida latouchei</i> <sup>18</sup>
Pteropodidae	<i>Eidolon helvum</i> (only African populations)

#### CETACEA

Physeteridae	<i>Physeter macrocephalus</i> *
Platanistidae	<i>Platanista gangetica gangetica</i> <sup>19</sup> *
Pontoporiidae	<i>Pontoporia blainvillei</i> *
Iniidae	<i>Inia geoffrensis</i>
Monodontidae	<i>Delphinapterus leucas</i> <i>Monodon monoceros</i>
Phocoenidae	<i>Phocoena phocoena</i> (North and Baltic Sea, western North Atlantic, Black Sea and North West African populations) <i>Phocoena spinipinnis</i> <i>Phocoena dioptrica</i> <i>Neophocaena phocaenoides</i> <i>Phocoenoides dalli</i>
Delphinidae	<i>Sousa chinensis</i> <i>Sousa teuszii</i> * <i>Sotalia fluviatilis</i> <i>Sotalia guianensis</i> <sup>20</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 populations, Mediterranean population, Black Sea population, eastern tropical Pacific population)
	<i>Lagenodelphis hosei</i> (Southeast Asian populations)
	<i>Orcaella brevirostris</i> *
	<i>Orcaella heinsohni</i> <sup>21</sup>
	<i>Cephalorhynchus commersonii</i> (South American population)
	<i>Cephalorhynchus eutropha</i>
	<i>Cephalorhynchus heavisidii</i>
	<i>Orcinus orca</i>
	<i>Globicephala melas</i> (only North and Baltic Sea populations)
Ziphiidae	<i>Berardius bairdii</i>
	<i>Hyperoodon ampullatus</i>
Balaenopteridae	<i>Balaenoptera bonaerensis</i>
	<i>Balaenoptera edeni</i>
	<i>Balaenoptera borealis</i> *
	<i>Balaenoptera omurai</i> <sup>22</sup>
	<i>Balaenoptera physalus</i> *
Neobalaenidae	<i>Caperea marginata</i>
<b>CARNIVORA</b>	
Otariidae	<i>Arctocephalus australis</i>
	<i>Otaria flavescens</i>
Phocidae	<i>Phoca vitulina</i> (only Baltic and Wadden Sea populations)
	<i>Halichoerus grypus</i> (only Baltic Sea populations)
	<i>Monachus monachus</i> *
Canidae	<i>Lycaon pictus</i>
<b>PROBOSCIDEA</b>	
Elephantidae	<i>Loxodonta africana</i>
	<i>Loxodonta cyclotis</i> <sup>23</sup>
<b>SIRENIA</b>	
Dugongidae	<i>Dugong dugon</i>
Trichechidae	<i>Trichechus manatus</i> * (populations between Honduras and Panama)
	<i>Trichechus senegalensis</i> *
	<i>Trichechus inunguis</i>
<b>PERISSODACTYLA</b>	
Equidae	<i>Equus hemionus</i> <sup>24</sup>
	<i>Equus kiang</i> <sup>25</sup>
<b>ARTIODACTYLA</b>	
Camelidae	<i>Vicugna vicugna</i> *
Cervidae	<i>Cervus elaphus yarkandensis</i> <sup>9</sup> * (populations in Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, Uzbekistan and Afghanistan, formerly listed as <i>Cervus elaphus bactrianus</i> )
	<i>Oryx dammah</i> *
Bovidae	<i>Gazella gazella</i> (only Asian populations)
	<i>Gazella erlangeri</i> <sup>26</sup>
	<i>Gazella subgutturosa</i>
	<i>Procapra gutturosa</i>
	<i>Saiga tatarica</i> <sup>27</sup>
	<i>Saiga borealis</i> <sup>27</sup>
	<i>Ammotragus lervia</i>
<b>Aves</b>	
<b>SPHENISCIFORMES</b>	
Spheniscidae	<i>Spheniscus demersus</i>

GAVIIFORMES		
Gaviidae		<i>Gavia stellata</i> (Western Palearctic populations) <i>Gavia arctica arctica</i> <i>Gavia arctica suschkini</i> <i>Gavia immer immer</i> (Northwest European population) <i>Gavia adamsii</i> (Western Palearctic population)
PODICIPEDIFORMES		
Podicipedidae		<i>Podiceps grisegena grisegena</i> <i>Podiceps auritus</i> (Western Palearctic populations)
PROCELLARIIFORMES		
Diomedidae		<i>Diomedea exulans</i> <i>Diomedea epomophora</i> <i>Diomedea irrorata</i> <i>Diomedea nigripes</i> <i>Diomedea immutabilis</i> <i>Diomedea melanophris</i> <i>Diomedea bulleri</i> <i>Diomedea cauta</i> <i>Diomedea chlororhynchos</i> <i>Diomedea chrysostoma</i> <i>Phoebetria fusca</i> <i>Phoebetria palpebrata</i>
Procellariidae		<i>Macronectes giganteus</i> <i>Macronectes halli</i> <i>Procellaria cinerea</i> <i>Procellaria aequinoctialis</i> <sup>28</sup> <i>Procellaria parkinsoni</i> <i>Procellaria westlandica</i>
PELECANIFORMES		
Phalacrocoracidae		<i>Phalacrocorax nigrogularis</i> <i>Phalacrocorax pygmeus</i> <sup>29</sup>
Pelecanidae		<i>Pelecanus onocrotalus</i> * (Western Palearctic populations) <i>Pelecanus crispus</i> *
CICONIIFORMES		
Ardeidae		<i>Botaurus stellaris stellaris</i> (Western Palearctic populations) <i>Ixobrychus minutus minutus</i> (Western Palearctic populations) <i>Ixobrychus sturmii</i> <i>Ardeola rufiventris</i> <i>Ardeola idae</i> *
Ciconiidae		<i>Egretta vinaceigula</i> <i>Casmerodius albus albus</i> (Western Palearctic populations) <i>Ardea purpurea purpurea</i> (populations breeding in the Western Palearctic)
Threskiornithidae		<i>Mycteria ibis</i> <i>Ciconia nigra</i> <i>Ciconia episcopus microscelis</i> <i>Ciconia ciconia</i> <i>Plegadis falcinellus</i> <i>Geronticus eremita</i> * <i>Threskiornis aethiopicus aethiopicus</i> <i>Platalea alba</i> (excluding Malagasy population) <i>Platalea leucorodia</i>
PHOENICOPTERIFORMES		
Phoenicopteridae		Ph. spp. *
ANSERIFORMES		
Anatidae		A. spp. *
FALCONIFORMES		
Cathartidae		C. spp.
Pandionidae		<i>Pandion haliaetus</i>
Accipitridae		A. spp. *
Falconidae		F. spp. *

GALLIFORMES		
Phasianidae		<i>Coturnix coturnix coturnix</i>
GRUIFORMES		
Rallidae		<i>Porzana porzana</i> (populations breeding in the Western Palearctic) <i>Porzana parva parva</i> <i>Porzana pusilla intermedia</i> <i>Fulica atra atra</i> (Mediterranean and Black Sea populations) <i>Aenigmatolimnas marginalis</i> <i>Crex crex</i> <i>Sarothrura boehmi</i> <i>Sarothrura ayresi</i> *
Gruidae		<i>Grus</i> spp. <sup>30</sup> *
Otididae		<i>Chlamydotis undulata</i> * (only Asian populations) <i>Otis tarda</i> *
CHARADRIIFORMES		
Recurvirostridae		R. spp.
Dromadidae		<i>Dromas ardeola</i>
Burhinidae		<i>Burhinus oedicnemus</i>
Glareolidae		<i>Glareola pratincola</i> <i>Glareola nordmanni</i> <i>Glareola nuchalis</i>
Charadriidae		C. spp. *
Scolopacidae <sup>31</sup>		S. spp. *
Laridae <sup>32</sup>		<i>Larus hemprichii</i> <i>Larus leucophthalmus</i> * <i>Larus ichthyaetus</i> (West Eurasian and African population) <i>Larus melanocephalus</i> <i>Larus genei</i> <i>Larus audouinii</i> * <i>Larus armenicus</i> <i>Sterna nilotica nilotica</i> (West Eurasian and African populations) <i>Sterna caspia</i> (West Eurasian and African populations) <i>Sterna maxima albidorsalis</i> <i>Sterna bergii</i> (African and Southwest Asian populations) <i>Sterna bengalensis</i> (African and Southwest Asian populations) <i>Sterna sandvicensis sandvicensis</i> <i>Sterna dougallii</i> (Atlantic population) <i>Sterna hirundo hirundo</i> (populations breeding in the Western Palearctic) <i>Sterna paradisaea</i> (Atlantic populations) <i>Sterna albifrons</i> <i>Sterna saundersi</i> <i>Sterna balaenarum</i> <i>Sterna repressa</i> <i>Chlidonias niger niger</i> <i>Chlidonias leucopterus</i> (West Eurasian and African population)
Rynchopidae		<i>Rynchops flavirostris</i>
COLUMBIFORMES		
Columbidae		<i>Streptopelia turtur turtur</i>
PSITTACIFORMES		
Psittacidae		<i>Amazona tucumana</i>
CORACIIFORMES		
Meropidae		<i>Merops apiaster</i>
Coraciidae		<i>Coracias garrulus</i>
PASSERIFORMES		
Muscicapidae		M. (s.l.) spp. <sup>33</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> *
Icteridae	<i>Agelaius flavus</i> *

#### Reptilia

TESTUDINATA	
Cheloniidae	C. spp. *
Dermodochelyidae	D. spp. *
Pelomedusidae	<i>Podocnemis expansa</i> *
CROCODYLIA	
Crocodylidae	<i>Crocodylus porosus</i>

#### Pisces

##### Elasmobranchii

ORECTOLOBIFORMES	
Rhincodontidae	<i>Rhincodon typus</i>
LAMNIFORMES	
Cetorhinidae	<i>Cetorhinus maximus</i> *
Lamnidae	<i>Carcharodon carcharias</i> * <i>Isurus oxyrinchus</i> <i>Isurus paucus</i> <i>Lamna nasus</i>
SQUALIFORMES	
Squalidae	<i>Squalus acanthias</i> (Northern Hemisphere populations)

##### Actinopterygii

ACIPENSERIFORMES	
Acipenseridae	<i>Huso huso</i> <i>Huso dauricus</i> <i>Acipenser baerii baicalensis</i> <i>Acipenser fulvescens</i> <i>Acipenser gueldenstaedtii</i> <i>Acipenser medirostris</i> <i>Acipenser mikadoi</i> <i>Acipenser naccarii</i> <i>Acipenser nudiventris</i> <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>

#### Insecta

LEPIDOPTERA	
Danaidae	<i>Danaus plexippus</i>

- 
- 1 Formerly listed as Pongidae
  - 2 Formerly included in *Gorilla gorilla*
  - 3 Formerly included in *Balaena glacialis glacialis*
  - 4 Formerly listed as *Balaena glacialis australis*
  - 5 Formerly listed as *Lutra felina*
  - 6 Formerly listed as *Lutra provocax*
  - 7 Formerly listed as *Panthera uncia*
  - 8 The order PINNIPEDIA is now included in the order CARNIVORA
  - 9 Formerly listed as *Cervus elaphus bactrianus*
  - 10 Formerly listed as *Gazella dama*
  - 11 Formerly included in *Pterodroma phaeopygia* (s.l.)
  - 12 Formerly listed as *Phoenicoparrus andinus*
  - 13 Formerly listed as *Phoenicoparrus jamesi*
  - 14 Formerly included in *Aquila heliaca* (s.l.)
  - 15 Formerly listed as *Chettusia gregaria*
  - 16 Formerly included in *Miniopterus schreibersii*
  - 17 Formerly included in *Otomops martiensseni*
  - 18 Formerly included in *Tadarida teniotis*
  - 19 Formerly listed as *Platanista gangetica*
  - 20 Formerly included in *Sotalia fluviatilis*
  - 21 Formerly included in *Orcaella brevirostris*
  - 22 Formerly included in *Balaenoptera edeni*
  - 23 Formerly included in *Loxodonta africana*
  - 24 This includes *Equus onager*
  - 25 Formerly included in *Equus hemionus* (s.l.)
  - 26 Formerly included in *Gazella gazella*
  - 27 Formerly included in *Saiga tatarica*, sensu Wilson & Reeder 1993
  - 28 This includes *Procellaria aequinoctialis conspicillata*, originally listed as *Procellaria conspicillata*
  - 29 Formerly listed as *Phalacrocorax pygmaeus*
  - 30 This includes *Grus virgo*, formerly listed as *Anthropoides virgo*
  - 31 This includes the sub-family Phalaropodinae, formerly listed as the family Phalaropodidae
  - 32 The family Sternidae is now included in Laridae
  - 33 This includes the sub-family Sylviinae, formerly listed as the family Sylviidae