

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: 5th 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	<i>Tadarida brasiliensis</i>
PRIMATES	
Hominidae ¹	<i>Gorilla gorilla</i> <i>Gorilla beringei</i> ²
CETACEA	
Physeteridae	<i>Physeter macrocephalus</i> *
Platanistidae	<i>Platanista gangetica gangetica</i> *
Pontoporiidae	<i>Pontoporia blainvillei</i> *
Delphinidae	<i>Delphinus delphis</i> * (only Mediterranean population) <i>Tursiops truncatus ponticus</i> * <i>Orcaella brevirostris</i> * <i>Sousa teuszii</i> *
Balaenopteridae	<i>Balaenoptera borealis</i> * <i>Balaenoptera physalus</i> * <i>Balaenoptera musculus</i> <i>Megaptera novaeangliae</i>
Balaenidae	<i>Balaena mysticetus</i> <i>Eubalaena glacialis</i> ³ (North Atlantic) <i>Eubalaena japonica</i> ³ (North Pacific) <i>Eubalaena australis</i> ⁴
CARNIVORA	
Mustelidae	<i>Lontra felina</i> ⁵ <i>Lontra provocax</i> ⁶
Felidae	<i>Uncia uncia</i> ⁷ <i>Acinonyx jubatus</i> (except populations in Botswana, Namibia and Zimbabwe)
Phocidae ⁸	<i>Monachus monachus</i> *
SIRENIA	
Trichechidae	<i>Trichechus manatus</i> * (populations between Honduras and Panama) <i>Trichechus senegalensis</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> ⁹ * (populations in Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, Uzbekistan and Afghanistan, formerly listed as <i>Cervus elaphus bactrianus</i>) <i>Cervus elaphus barbarus</i> <i>Hippocamelus bisulcus</i>
Bovidae		<i>Bos sauveli</i> <i>Bos grunniens</i> <i>Addax nasomaculatus</i> <i>Gazella cuvieri</i> <i>Nanger dama</i> ¹⁰ <i>Gazella dorcas</i> (only Northwest African populations) <i>Gazella leptoceros</i> <i>Oryx dammah</i> *
		Aves
SPHENISCIFORMES		
Spheniscidae		<i>Spheniscus humboldti</i>
PROCELLARIIFORMES		
Diomedidae		<i>Diomedea albatrus</i> <i>Diomedea amsterdamensis</i>
Procellariidae		<i>Pterodroma atrata</i> <i>Pterodroma cahow</i> <i>Pterodroma phaeopygia</i> <i>Pterodroma sandwichensis</i> ¹¹ <i>Puffinus creatopus</i> <i>Puffinus mauretanicus</i>
Pelecanoididae		<i>Pelecanoides garnotii</i>
PELECANIFORMES		
Pelecanidae		<i>Pelecanus crispus</i> * <i>Pelecanus onocrotalus</i> * (only Palearctic populations)
CICONIIFORMES		
Ardeidae		<i>Ardeola idae</i> * <i>Egretta eulophotes</i> <i>Gorsachius goisagi</i>
Ciconiidae		<i>Ciconia boyciana</i>
Threskiornithidae		<i>Geronticus eremita</i> * <i>Platalea minor</i>
PHOENICOPTERIFORMES		
Phoenicopteridae		<i>Phoenicopus andinus</i> ¹² * <i>Phoenicopus jamesi</i> ¹³ *
ANSERIFORMES		
Anatidae		<i>Anser cygnoides</i> * <i>Anser erythropus</i> * <i>Branta ruficollis</i> * <i>Chloephaga rubidiceps</i> * <i>Anas formosa</i> * <i>Marmaronetta angustirostris</i> * <i>Aythya baeri</i> * <i>Aythya nyroca</i> * <i>Polysticta stelleri</i> * <i>Oxyura leucocephala</i> *

FALCONIFORMES

Accipitridae

Haliaeetus albicilla *
Haliaeetus leucoryphus *
Haliaeetus pelagicus *
Aquila clanga *
Aquila heliaca *
*Aquila adalberti*¹⁴ *
Neophron percnopterus *
Falco naumanni *

Falconidae

GRUIFORMES

Gruidae

Grus japonensis *
Grus leucogeranus *
Grus monacha *
Grus nigricollis *
Grus vipio *

Rallidae

Sarothrura ayresi *

Otididae

Chlamydotis undulata * (only Northwest African populations)
Otis tarda * (Middle-European population)

CHARADRIIFORMES

Charadriidae

*Vanellus gregarius*¹⁵ *
Calidris canutus rufa *
Numenius borealis *
Numenius tenuirostris *

Scolopacidae

Tringa guttifer *
Eurynorhynchus pygmeus *
Tryngites subruficollis *

Laridae

Larus atlanticus
Larus audouinii *
Larus leucophthalmus *
Larus relictus
Larus saundersi
Sterna bernsteini
Sterna lorata
Synthliboramphus wumizusume

Alcidae

PSITTACIFORMES

Psittacidae

Brotoogeris pyrrhopterus

PASSERIFORMES

Tyrannidae

Alectrurus risora *
Alectrurus tricolor *

Hirundinidae

Hirundo atrocaerulea *

Muscicapidae

Acrocephalus griseldis *
Acrocephalus paludicola *
Acrocephalus sorghophilus *
Zoothera guttata *

Emberizidae

Emberiza aureola
Sporophila zelichi *
Sporophila cinnamomea *
Sporophila hypochroma *
Sporophila palustris *

Parulidae

Dendroica kirtlandii
Dendroica cerulea

Icteridae

Agelaius flavus *

Fringillidae

Serinus syriacus

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> ¹⁶ <i>Miniopterus natalensis</i> ¹⁶ (only African populations)
Molossidae	<i>Otomops martiensseni</i> (only African populations) <i>Otomops madagascariensis</i> ¹⁷ <i>Tadarida teniotis</i> <i>Tadarida insignis</i> ¹⁸ <i>Tadarida latouchei</i> ¹⁸
Pteropodidae	<i>Eidolon helvum</i> (only African populations)

CETACEA

Physeteridae	<i>Physeter macrocephalus</i> *
Platanistidae	<i>Platanista gangetica gangetica</i> ¹⁹ *
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> ²⁰ <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 and Southeast Asian populations)

	<i>Stenella longirostris</i> (eastern tropical Pacific and Southeast Asian populations)
	<i>Stenella coeruleoalba</i> (eastern tropical Pacific and Mediterranean populations)
	<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> ²¹
	<i>Cephalorhynchus commersonii</i> (South American population)
	<i>Cephalorhynchus eutropia</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> ²²
	<i>Balaenoptera physalus</i> *
Neobalaenidae	<i>Caperea marginata</i>
CARNIVORA	
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>
PROBOSCIDEA	
Elephantidae	<i>Loxodonta africana</i>
	<i>Loxodonta cyclotis</i> ²³
SIRENIA	
Dugongidae	<i>Dugong dugon</i>
Trichechidae	<i>Trichechus manatus</i> * (populations between Honduras and Panama)
	<i>Trichechus senegalensis</i> *
	<i>Trichechus inunguis</i>
PERISSODACTYLA	
Equidae	<i>Equus hemionus</i> ²⁴
	<i>Equus kiang</i> ²⁵
ARTIODACTYLA	
Camelidae	<i>Vicugna vicugna</i> *
Cervidae	<i>Cervus elaphus yarkandensis</i> ⁹ * (populations in Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, Uzbekistan and Afghanistan, formerly listed as <i>Cervus elaphus bactrianus</i>)
Bovidae	<i>Oryx dammah</i> *
	<i>Gazella gazella</i> (only Asian populations)
	<i>Gazella erlangeri</i> ²⁶
	<i>Gazella subgutturosa</i>
	<i>Procapra gutturosa</i>
	<i>Saiga tatarica</i> ²⁷
	<i>Saiga borealis</i> ²⁷
	<i>Ammotragus lervia</i>
Aves	
SPHENISCIFORMES	
Spheniscidae	<i>Spheniscus demersus</i>

GAVIIFORMES		
Gavidae		<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>Phoebastria fusca</i> <i>Phoebastria palpebrata</i> <i>Macronectes giganteus</i> <i>Macronectes halli</i> <i>Procellaria cinerea</i> <i>Procellaria aequinoctialis</i> ²⁸ <i>Procellaria parkinsoni</i> <i>Procellaria westlandica</i>
Procellariidae		
PELECANIFORMES		
Phalacrocoracidae		<i>Phalacrocorax nigrogularis</i> <i>Phalacrocorax pygmeus</i> ²⁹
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) <i>Mycteria ibis</i> <i>Ciconia nigra</i> <i>Ciconia episcopus microscelis</i> <i>Ciconia ciconia</i>
Threskiornithidae		<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. ³⁰ *
Otididae	<i>Chlamydotis undulata</i> * (only Asian populations) <i>Otis tarda</i> *
CHARADRIIFORMES	
Recurvirostridae	<i>R.</i> spp.
Dromadidae	<i>Dromas ardeola</i>
Burhinidae	<i>Burhinus oedicephalus</i>
Glareolidae	<i>Glareola pratincola</i> <i>Glareola nordmanni</i> <i>Glareola nuchalis</i>
Charadriidae	<i>C.</i> spp. *
Scolopacidae ³¹	<i>S.</i> spp. *
Laridae ³²	<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	<i>M.</i> (s.l.) spp. ³³ *
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*, formerly 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