
**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, 2014, 2017, 2020 and 2024)

Effective: 17 May 2024

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. Unless otherwise indicated, taxa included in this Appendix correspond to those described in the relevant taxonomic and nomenclature reference adopted by the Conference of the Parties, as listed in the Annex to Resolution 12.27(RevCOP14). Where the taxonomic name used does not correspond to the relevant adopted reference, this is indicated in the endnotes.
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

PROBOSCIDEA

Elephantidae *Elephas maximus indicus*

SIRENIA

Trichechidae *Trichechus manatus* * (populations between Honduras and Panama)
Trichechus senegalensis *

PRIMATES

Hominidae *Gorilla beringei* ¹
Gorilla gorilla
Pan troglodytes *

CHIROPTERA

Molossidae *Tadarida brasiliensis*

CARNIVORA

Felidae *Acinonyx jubatus* (except populations in Botswana, Namibia and Zimbabwe)
*Lynx lynx balcanicus*²
Panthera onca *
Uncia uncia ³

Ursidae *Ursus arctos isabellinus* (populations in Mongolia and China)

Phocidae *Monachus monachus* *
Pusa caspica *

Mustelidae *Lontra felina* ⁴
Lontra provocax ⁵

PERISSODACTYLA

Equidae

Equus africanus ⁶
Equus ferus przewalskii ⁷
Equus grevyi

ARTIODACTYLA

Camelidae

Camelus bactrianus
Vicugna vicugna * (except Peruvian populations)

Cervidae

Hippocamelus bisulcus
Cervus elaphus barbarus
Cervus elaphus yarkandensis ⁸ * (populations in Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, Uzbekistan and Afghanistan)

Bovidae

Eudorcas rufifrons
Gazella cuvieri
Gazella dorcas (only Northwest African populations)
Gazella leptoceros
Nanger dama ⁹
Bos grunniens
Bos sauveli
Addax nasomaculatus
Oryx dammah *

CETACEA

Balaenidae

Balaena mysticetus
Eubalaena glacialis ¹⁰ (North Atlantic)
Eubalaena japonica ¹⁰ (North Pacific)
Eubalaena australis ¹¹

Balaenopteridae

Balaenoptera borealis *
Balaenoptera physalus *
Balaenoptera musculus
Megaptera novaeangliae

Delphinidae

Delphinus delphis * (only Mediterranean population)
Tursiops truncatus gephyreus *
Tursiops truncatus ponticus *
Orcaella brevirostris *
Sousa teuszii *

Phocoenidae

Phocoena phocoena * (Baltic Proper population)

Physeteridae

Physeter macrocephalus *

Platanistidae

Platanista gangetica *

Pontoporiidae

Pontoporia blainvillei *

Ziphiidae

Ziphius cavirostris (only Mediterranean subpopulation)

Aves

ANSERIFORMES

Anatidae

Oxyura leucocephala *
Branta ruficollis *
Anser cygnoid ¹² *
Anser erythropus *
Polysticta stelleri *
Chloephaga rubidiceps *
Marmaronetta angustirostris *
Aythya baeri *
Aythya nyroca *
Sibirionetta formosa ¹³ *

PHOENICOPTERIFORMES

Phoenicopteridae

Phoenicoparrus andinus ¹⁴ *

	<i>Phoenicoparrus jamesi</i> ¹⁵ *
GRUIFORMES	
Rallidae	<i>Sarothrura ayresi</i> *
Gruidae	<i>Leucogeranus leucogeranus</i> ¹⁶ * <i>Grus japonensis</i> * <i>Grus monacha</i> * <i>Grus nigricollis</i> * <i>Grus vipio</i> ¹⁷ *
OTIDIFORMES	
Otididae	<i>Tetrax tetrax</i> * <i>Otis tarda</i> * <i>Chlamydotis undulata</i> (only Northwest African populations) <i>Ardeotis nigriceps</i> <i>Houbaropsis bengalensis bengalensis</i>
SPHENISCIFORMES	
Spheniscidae	<i>Spheniscus humboldti</i>
PROCELLARIIFORMES	
Diomedidae	<i>Diomedea antipodensis</i> * <i>Diomedea amsterdamensis</i> <i>Phoebastria albatrus</i> ¹⁸
Procellariidae	<i>Pterodroma atrata</i> <i>Pterodroma sandwichensis</i> ¹⁹ <i>Pterodroma phaeopygia</i> <i>Pterodroma cahow</i> <i>Ardenna creatopus</i> ²⁰ <i>Puffinus mauretanicus</i> <i>Pelecanoides garnotii</i>
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> * <i>Egretta eulophotes</i>
Pelecanidae	<i>Pelecanus crispus</i> * <i>Pelecanus onocrotalus</i> * (only Palearctic populations) <i>Pelecanus thagus</i> *
SULIFORMES	
Fregatidae	<i>Fregata andrewsi</i>
CHARADRIIFORMES	
Charadriidae	<i>Vanellus gregarius</i> ²¹ *
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> ²² * <i>Calidris subruficollis</i> ²³ * <i>Calidris pusilla</i> * <i>Tringa guttifer</i> *
Pluvianellidae	<i>Pluvianellus socialis</i> *
Laridae	<i>Saundersilarus saundersi</i> ²⁴

	<i>Larus relictus</i> <i>Larus leucophthalmus</i> * <i>Larus audouinii</i> * <i>Larus atlanticus</i> <i>Sternula lorata</i> ²⁵ <i>Thalasseus bernsteini</i> ²⁶
Alcidae	<i>Synthliboramphus wumizusume</i>
ACCIPITRIFORMES	
Accipitridae	<i>Neophron percnopterus</i> * <i>Sarcogyps calvus</i> * <i>Trigonoceps occipitalis</i> * <i>Gypaetus barbatus meridionalis</i> * (Southern African population) <i>Necrosyrtes monachus</i> * <i>Gyps bengalensis</i> * <i>Gyps africanus</i> * <i>Gyps indicus</i> * <i>Gyps tenuirostris</i> * <i>Gyps coprotheres</i> * <i>Gyps rueppelli</i> * <i>Torgos tracheliotos</i> * <i>Clanga clanga</i> ²⁷ * <i>Aquila nipalensis</i> * <i>Aquila adalberti</i> ²⁸ * <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> ²⁹
PASSERIFORMES	
Tyrannidae	<i>Alectrurus tricolor</i> * <i>Alectrurus risora</i> *
Acrocephalidae	<i>Acrocephalus sorghophilus</i> * <i>Acrocephalus paludicola</i> * <i>Acrocephalus griseldis</i> *
Hirundinidae	<i>Hirundo atrocaerulea</i> *
Turdidae	<i>Geokichla guttata</i> ³⁰ *
Fringillidae	<i>Serinus syriacus</i>
Emberizidae	<i>Emberiza aureola</i>
Icteridae	<i>Xanthopsar flavus</i> ³¹ *
Parulidae	<i>Setophaga kirtlandii</i> ³² <i>Setophaga cerulea</i> ³³
Thraupidae	<i>Sporophila hypochroma</i> * <i>Sporophila cinnamomea</i> * <i>Sporophila palustris</i> ³⁴ *

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

ORECTOLOBIFORMES

Rhincodontidae

Rhincodon typus *

LAMNIFORMES

Odontaspidae

Carcharias taurus *

Cetorhinidae

Cetorhinus maximus *

Lamnidae

Carcharodon carcharias *

CARCHARHINIFORMES

Carcharhinidae

Carcharhinus longimanus

SQUATINIFORMES

Squatinaidae

Squatina squatina *

RHINOPRISTIFORMES

Rhinobatidae

Rhinobatos rhinobatos * (Mediterranean population)

Glaucostegidae

Glaucostegus cemiculus * (Mediterranean Sea population)

Pristidae

Anoxypristis cuspidata *
Pristis clavata *
Pristis pectinata *
Pristis zijsron *
Pristis pristis ³⁵ *

MYLIOBATIFORMES

Myliobatidae

Aetomylaeus bovinus * (Mediterranean Sea population)
Rhinoptera marginata * (Mediterranean Sea population)

Mobulidae

Mobula alfredi *
Mobula birostris *
Mobula mobular ³⁶ *
Mobula thurstoni *
Mobula tarapacana *
Mobula eregoodoo *
Mobula kuhlii *
Mobula hypostoma *
Mobula munkiana *

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. Unless otherwise indicated, taxa included in this Appendix correspond to those described in the relevant taxonomic and nomenclature reference adopted by the Conference of the Parties, as listed in the Annex to Resolution 12.27. Where the taxonomic name used does not correspond to the relevant adopted reference, this is indicated in the endnotes.
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	<i>Loxodonta africana</i> <i>Loxodonta cyclotis</i> ³⁷
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SIRENIA

Dugongidae	<i>Dugong dugon</i>
Trichechidae	<i>Trichechus inunguis</i> <i>Trichechus manatus</i> * (populations between Honduras and Panama) <i>Trichechus senegalensis</i> *

PRIMATES

Hominidae	<i>Pan troglodytes</i> *
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CHIROPTERA

Pteropodidae	<i>Eidolon helvum</i> (only African populations)
Rhinolophidae	R. spp. (only European populations)
Molossidae	<i>Otomops madagascariensis</i> ³⁸ <i>Otomops martiensseni</i> (only African populations) <i>Tadarida insignis</i> ³⁹ <i>Tadarida latouchei</i> ³⁹ <i>Tadarida teniotis</i>

Vespertilionidae	V. spp. (only European populations) <i>Lasiurus blossevillii</i> <i>Lasiurus borealis</i> <i>Lasiurus cinereus</i> <i>Lasiurus ega</i> <i>Miniopterus majori</i> ⁴⁰ <i>Miniopterus natalensis</i> ⁴⁰ (only African populations) <i>Miniopterus schreibersii</i> (only African and European populations)
CARNIVORA	
Felidae	<i>Felis manul</i> <i>Lynx lynx</i> ⁴¹ <i>Panthera leo</i> <i>Panthera onca</i> * <i>Panthera pardus</i>
Canidae	<i>Lycaon pictus</i>
Ursidae	<i>Ursus maritimus</i>
Otariidae	<i>Arctocephalus australis</i> <i>Otaria byronia</i>
Phocidae	<i>Halichoerus grypus grypus</i> (only Baltic Sea populations) <i>Monachus monachus</i> * <i>Phoca vitulina</i> (only Baltic and Wadden Sea populations) <i>Pusa caspica</i> *
PERISSODACTYLA	
Equidae	<i>Equus hemionus</i> ⁴² <i>Equus kiang</i> ⁴³
ARTIODACTYLA	
Camelidae	<i>Lama guanicoe</i> ⁴⁴ <i>Vicugna vicugna</i> *
Cervidae	<i>Cervus elaphus yarkandensis</i> ⁸ * (populations in Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, Uzbekistan and Afghanistan)
Giraffidae	<i>Giraffa camelopardalis</i>
Bovidae	<i>Gazella erlangeri</i> ⁴⁵ <i>Gazella gazella</i> (only Asian populations) <i>Gazella subgutturosa</i> <i>Procapra gutturosa</i> <i>Saiga borealis</i> ⁴⁶ <i>Saiga tatarica</i> ⁴⁶ <i>Ammotragus lervia</i> <i>Ovis ammon</i> <i>Ovis vignei</i> ⁴⁷ <i>Oryx dammah</i> * <i>Kobus kob leucotis</i>
CETACEA	
Balaenopteridae	<i>Balaenoptera bonaerensis</i> <i>Balaenoptera edeni</i> <i>Balaenoptera borealis</i> * <i>Balaenoptera omurai</i> ⁴⁸ <i>Balaenoptera physalus</i> *
Neobalaenidae	<i>Caperea marginata</i>
Delphinidae	<i>Sousa chinensis</i> <i>Sousa plumbea</i>

	<i>Sousa sahalensis</i>
	<i>Sousa teuszii</i> *
	<i>Sotalia fluviatilis</i>
	<i>Sotalia guianensis</i> ⁴⁹
	<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>Tursiops truncatus gephyreus</i> *
	<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> ⁵⁰
	<i>Cephalorhynchus commersonii 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) ⁵¹
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>Neophocaena asiaeorientalis</i> ⁵²
	<i>Phocoenoides dalli</i>
Physeteridae	<i>Physeter macrocephalus</i> *
Platanistidae	<i>Platanista gangetica</i> ⁵³ *
Iniidae	<i>Inia geoffrensis</i>
Pontoporiidae	<i>Pontoporia blainvillei</i> *
Ziphiidae	<i>Berardius bairdii</i>
	<i>Hyperoodon ampullatus</i>

Aves

GALLIFORMES

Phasianidae

Coturnix coturnix coturnix

ANSERIFORMES

Anseranatidae

A. spp. ⁵⁴ *

Anatidae

A. spp. *

PODICIPEDIFORMES

Podicipedidae

Podiceps grisegena grisegena

	<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> ⁵⁵ (Western Eurasia/Africa population) <i>Zapornia pusilla intermedia</i> ⁵⁶ <i>Amauornis marginalis</i> ⁵⁷ <i>Fulica atra atra</i> (Mediterranean and Black Sea populations)
Gruidae	<i>Leucogeranus leucogeranus</i> ⁵⁸ * <i>Bugeranus carunculatus</i> ⁵⁸ <i>Anthropoides</i> spp. ⁵⁸ <i>Grus</i> spp. *
OTIDIFORMES Otididae	<i>Tetrax tetrax</i> * <i>Otis tarda</i> * <i>Chlamydotis macqueenii</i> ⁵⁹
GAVIIFORMES Gavidae	<i>Gavia stellata</i> (Western Palearctic populations) <i>Gavia arctica arctica</i> ⁶⁰ <i>Gavia immer</i> ⁶¹ (Northwest European population) <i>Gavia adamsii</i> (Western Palearctic population)
SPHENISCIFORMES Spheniscidae	<i>Spheniscus demersus</i>
PROCELLARIIFORMES Diomedidae	<i>Diomedea sanfordi</i> ⁶² <i>Diomedea epomophora</i> <i>Diomedea exulans</i> <i>Diomedea antipodensis</i> ⁶³ * <i>Diomedea dabbenena</i> ⁶³ <i>Phoebetria fusca</i> <i>Phoebetria palpebrata</i> <i>Phoebastria irrorata</i> ⁶⁴ <i>Phoebastria nigripes</i> ⁶⁵ <i>Phoebastria immutabilis</i> ⁶⁶ <i>Thalassarche chlororhynchus</i> ⁶⁷ <i>Thalassarche carteri</i> ⁶⁸ <i>Thalassarche chrysostoma</i> ⁶⁹ <i>Thalassarche melanophris</i> ⁷⁰ <i>Thalassarche impavida</i> ⁷¹ <i>Thalassarche bulleri</i> ⁷² <i>Thalassarche cauta</i> ⁷³ <i>Thalassarche steadi</i> ⁷⁴ <i>Thalassarche eremita</i> ⁷⁴ <i>Thalassarche salvini</i> ⁷⁴
Procellariidae	<i>Macronectes halli</i> <i>Macronectes giganteus</i>

	<i>Procellaria cinerea</i> <i>Procellaria aequinoctialis</i> <i>Procellaria conspicillata</i> ⁷⁵ <i>Procellaria westlandica</i> <i>Procellaria parkinsoni</i>
CICONIIFORMES	
Ciconiidae	<i>Mycteria ibis</i> <i>Ciconia nigra</i> <i>Ciconia microscelis</i> ⁷⁶ <i>Ciconia ciconia</i>
PELECANIFORMES	
Threskiornithidae	<i>Platalea alba</i> (excluding Malagasy population) <i>Platalea leucorodia</i> <i>Threskiornis aethiopicus</i> ⁷⁷ (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> ⁷⁸ (Western Palearctic populations) <i>Egretta vinaceigula</i>
Pelecanidae	<i>Pelecanus crispus</i> * <i>Pelecanus onocrotalus</i> * (Western Palearctic populations) <i>Pelecanus thagus</i> *
SULIFORMES	
Phalacrocoracidae	<i>Microcarbo pygmaeus</i> ⁷⁹ <i>Phalacrocorax nigrogularis</i>
CHARADRIIFORMES	
Burhinidae	<i>Burhinus oedicephalus</i>
Haematopodidae	H. spp. ⁸⁰
Ibidorhynchidae	I. spp. ⁸⁰
Recurvirostridae	R. spp.
Charadriidae	C. spp. *
Scolopacidae	S. spp. ⁸¹ *
Pluvianellidae	P. spp. ⁸²
Dromadidae	<i>Dromas ardeola</i>
Glareolidae	<i>Glareola pratincola</i> <i>Glareola nordmanni</i> <i>Glareola nuchalis</i>
Laridae	<i>Anous minutus worcesteri</i> <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> ⁸³
	<i>Sternula saundersi</i> ⁸⁴
	<i>Sternula balaenarum</i> ⁸⁵
	<i>Gelochelidon nilotica nilotica</i> ⁸⁶ (West Eurasian and African populations)
	<i>Hydroprogne caspia</i> ⁸⁷ (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> ⁸⁸ (African and Southwest Asian populations)
	<i>Thalasseus sandvicensis sandvicensis</i> ⁸⁹
	<i>Thalasseus maximus albidorsalis</i> ⁹⁰
	<i>Thalasseus bergii</i> ⁹¹ (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	
Tyrannidae	<i>Polystictus pectoralis pectoralis</i>
	<i>Pseudocolopteryx dinelliana</i>
	<i>Alectrurus tricolor</i> *
	<i>Alectrurus risora</i> *
Maluridae	M. spp. ⁹²
Dasyornithidae	D. spp. ⁹²
Meliphagidae	M. spp. ⁹²
Acanthizidae	A. spp. ⁹²
Orthonychidae	O. spp. ⁹²
Pomatostomidae	P. spp. ⁹²
Mohouidae	M. spp. ⁹²
Eulacestomatidae	E. spp. ⁹²
Oriolidae	O. spp. ⁹²
Oreoicidae	O. spp. ⁹²
Cinclosomatidae	C. spp. ⁹²
Falcunculidae	F. spp. ⁹²
Pachycephalidae	P. spp. ⁹²
Psophodidae	P. spp. ⁹²
Vireonidae	V. spp. ⁹²

Rhagologidae	R. spp. ⁹²
Artamidae	A. spp. ⁹²
Machaerirhynchidae	M. spp. ⁹²
Vangidae	V. spp. ⁹²
Platysteiridae	P. spp. ⁹²
Rhipiduridae	R. spp. ⁹²
Ifritidae	I. spp. ⁹²
Monarchidae	M. spp. ⁹²
Laniidae	<i>Lanius minor</i> (European population) <i>Lanius excubitor excubitor</i>
Melampittidae	M. spp. ⁹²
Picathartidae	P. spp. ⁹²
Eupetidae	E. spp. ⁹²
Chaetopidae	C. spp. ⁹²
Petroicidae	P. spp. ⁹²
Hylotidae	H. spp. ⁹²
Stenostiridae	S. spp. ⁹²
Panuridae	P. spp. ⁹²
Macrosphenidae	M. spp. ⁹²
Cisticolidae	C. spp. ⁹²
Acrocephalidae	A. spp. ⁹²
Pnoepygidae	P. spp. ⁹²
Locustellidae	L. spp. ⁹²
Hirundinidae	<i>Hirundo atrocaerulea</i> *
Bernieridae	B. spp. ⁹²
Phylloscopidae	P. spp. ⁹²
Scotocercidae	S. spp. ⁹²
Aegithalidae	A. spp. ⁹²
Sylviidae	S. spp. ⁹²
Zosteropidae	Z. spp. ⁹²
Timaliidae	T. spp. ⁹²
Pellorneidae	P. spp. ⁹²
Leiotrichidae	L. spp. ⁹²
Poliotilidae	P. spp. ⁹²
Turdidae	T. spp. ⁹²
Muscicapidae	M. spp. *
Regulidae	R. spp. ⁹²
Hylocitreidae	H. spp. ⁹²
Motacillidae	M. spp. ⁹²
Emberizidae	<i>Emberiza sulphurata</i>
Icteridae	<i>Xanthopsar flavus</i> ³¹ * <i>Dolichonyx oryzivorus</i>
Parulidae	<i>Cardellina canadensis</i>

Thraupidae	<i>Sporophila ruficollis</i> <i>Sporophila hypochroma</i> * <i>Sporophila cinnamomea</i> * <i>Sporophila palustris</i> ³⁴ *
Reptilia	
TESTUDINATA	
Cheloniidae	C. spp. *
Dermochelyidae	D. spp. *
Pelomedusidae	<i>Podocnemis expansa</i> *
CROCODYLIA	
Crocodylidae	<i>Crocodylus porosus</i>
Pisces	
Elasmobranchii	
ORECTOLOBIFORMES	
Rhincodontidae	<i>Rhincodon typus</i> *
LAMNIFORMES	
Odontaspidae	<i>Carcharias taurus</i> *
Alopiidae	<i>Alopias pelagicus</i> <i>Alopias superciliosus</i> <i>Alopias vulpinus</i>
Cetorhinidae	<i>Cetorhinus maximus</i> *
Lamnidae	<i>Carcharodon carcharias</i> * <i>Isurus oxyrinchus</i> <i>Isurus paucus</i> <i>Lamna nasus</i>
CARCHARHINIFORMES	
Triakidae	<i>Galeorhinus galeus</i>
Carcharhinidae	<i>Carcharhinus falciformis</i> <i>Carcharhinus obscurus</i> <i>Prionace glauca</i>
Sphyrnidae	<i>Sphyrna lewini</i> <i>Sphyrna mokarran</i> <i>Sphyrna zygaena</i>
SQUALIFORMES	
Squalidae	<i>Squalus acanthias</i> (Northern Hemisphere populations) <i>Squalus suckleyi</i> (Northern Hemisphere population)
SQUATINIFORMES	
Squatinae	<i>Squatina squatina</i> *
RHINOPRISTIFORMES	
Rhinobatidae	<i>Rhinobatos rhinobatos</i> *
Rhinidae	<i>Rhynchobatus australiae</i>

Glaucostegidae	<i>Glaucostegus cemiculus</i> *
Pristidae	<i>Anoxypristis cuspidata</i> * <i>Pristis clavata</i> * <i>Pristis pectinata</i> * <i>Pristis zijsron</i> * <i>Pristis pristis</i> ³⁵ *
MYLIOBATIFORMES	
Myliobatidae	<i>Aetomylaeus bovinus</i> * <i>Rhinoptera marginata</i> *
Mobulidae	<i>Mobula alfredi</i> * <i>Mobula birostris</i> * <i>Mobula mobular</i> ³⁶ * <i>Mobula thurstoni</i> * <i>Mobula tarapacana</i> * <i>Mobula eregoodoo</i> * <i>Mobula kuhlii</i> * <i>Mobula hypostoma</i> * <i>Mobula munkiana</i> *
Actinopterygii	
ACIPENSERIFORMES	
Acipenseridae	<i>Huso huso</i> <i>Huso dauricus</i> <i>Acipenser baerii</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>
ANGUILLIFORMES	
Anguillidae	<i>Anguilla anguilla</i>
SILURIFORMES	
Pimelodidae	<i>Brachyplatystoma rousseauxii</i> <i>Brachyplatystoma vaillantii</i>
	Insecta
LEPIDOPTERA	
Danaidae	<i>Danaus plexippus</i>

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- 1 Formerly included in *Gorilla gorilla*
 - 2 Using Kitchener et al. (2017) "A revised taxonomy of the Felidae. The final report of the Cat Classification Task Force of the IUCN/SSC Cat Specialist Group" as the standard reference
 - 3 Formerly listed as *Panthera uncia*
 - 4 Formerly listed as *Lutra felina*
 - 5 Formerly listed as *Lutra provocax*
 - 6 Corresponds to *Equus asinus* (only wild populations)
 - 7 Corresponds to *Equus caballus przewalskii*
 - 8 Formerly listed as *Cervus elaphus bactrianus*
 - 9 Formerly listed as *Gazella dama*
 - 10 Formerly included in *Balaena glacialis glacialis*
 - 11 Formerly listed as *Balaena glacialis australis*
 - 12 Formerly listed as *Anser cygnoides*
 - 13 Formerly listed as *Anas formosa*
 - 14 Formerly listed as *Phoenicopterus andinus*
 - 15 Formerly listed as *Phoenicopterus jamesi*
 - 16 Formerly listed as *Grus leucogeranus*
 - 17 Formerly listed as *Antigone vipio*
 - 18 Formerly listed as *Diomedea albatrus*
 - 19 Formerly included in *Pterodroma phaeopygia* (s.l.)
 - 20 Formerly listed as *Puffinus creatopus*
 - 21 Formerly listed as *Chettusia gregaria*
 - 22 Formerly listed as *Eurynorhynchus pygmeus*
 - 23 Formerly listed as *Tryngites subruficollis*
 - 24 Formerly listed as *Larus saundersi*
 - 25 Formerly listed as *Sterna lorata*
 - 26 Formerly listed as *Sterna bernsteini*
 - 27 Formerly listed as *Aquila clanga*
 - 28 Formerly included in *Aquila heliaca* (s.l.)
 - 29 Formerly listed as *Brotogeris pyrrhopterus*
 - 30 Formerly listed as *Zoothera guttata*
 - 31 Formerly listed as *Agelaius flavus*
 - 32 Formerly listed as *Dendroica kirtlandii*
 - 33 Formerly listed as *Dendroica cerulea*
 - 34 This includes *Sporophila zelichi*
 - 35 This includes *Pristis microdon*
 - 36 This includes *Mobula diabolus*
 - 37 Formerly included in *Loxodonta africana*
 - 38 Formerly included in *Otomops martiensseni*
 - 39 Formerly included in *Tadarida teniotis*
 - 40 Formerly included in *Miniopterus schreibersii*
 - 41 Using Kitchener et al. (2017) "A revised taxonomy of the Felidae. The final report of the Cat Classification Task Force of the IUCN/SSC Cat Specialist Group" as the standard reference
 - 42 This includes *Equus onager*
 - 43 Formerly included in *Equus hemionus* (s.l.)
 - 44 Corresponds to *Lama glama* in Wilson and Reeder 2005, and applies only to wild populations
 - 45 Formerly included in *Gazella gazella*
 - 46 Formerly included in *Saiga tatarica*, sensu Wilson & Reeder 1993
 - 47 Corresponds to *Ovis aries* in Wilson and Reeder 2005, and applies only to wild populations in Afghanistan, India, Iran, Kazakhstan, Pakistan, Tajikistan, Turkmenistan and Uzbekistan, except for hybrid populations
 - 48 Formerly included in *Balaenoptera edeni*
 - 49 Formerly included in *Sotalia fluviatilis*
 - 50 Formerly included in *Orcaella brevirostris*
 - 51 Formerly listed as *Globicephala melaena*
 - 52 Formerly included in *Neophocaena phocaenoides*
 - 53 Formerly listed as *Platanista gangetica gangetica*
 - 54 Formerly included in Anatidae

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- 55 Formerly listed as *Porzana parva parva*
56 Formerly listed as *Porzana pusilla intermedia*
57 Formerly listed as *Aenigmatolimnas marginalis*
58 Formerly included in *Grus* spp.
59 Formerly included in *Chlamydotis undulata*
60 This includes *Gavia arctica suschkini*
61 Formerly listed as *Gavia immer immer*
62 Formerly included in *Diomedea epomophora*
63 Formerly included in *Diomedea exulans*
64 Formerly listed as *Diomedea irrorata*
65 Formerly listed as *Diomedea nigripes*
66 Formerly listed as *Diomedea immutabilis*
67 Formerly listed as *Diomedea chlororhynchos*
68 Formerly included in *Diomedea chlororhynchos*
69 Formerly listed as *Diomedea chrysostoma*
70 Formerly listed as *Diomedea melanophris*
71 Formerly included in *Diomedea melanophris*
72 Formerly listed as *Diomedea bulleri*
73 Formerly listed as *Diomedea cauta*
74 Formerly included in *Diomedea cauta*
75 Formerly included in *Procellaria aequinoctialis*
76 Formerly listed as *Ciconia episcopus microscelis*
77 Formerly listed as *Threskiornis aethiopicus aethiopicus*
78 Formerly listed as *Casmerodius albus albus* (Western Palearctic populations)
79 Formerly listed as *Phalacrocorax pygmaeus*
80 Formerly included in Recurvirostridae
81 This includes the sub-family Phalaropodinae, formerly listed as the family Phalaropodidae
82 Formerly included in Scolopacidae
83 Formerly listed as *Sterna albifrons*
84 Formerly listed as *Sterna saundersi*
85 Formerly listed as *Sterna balaenarum*
86 Formerly listed as *Sterna nilotica nilotica*
87 Formerly listed as *Sterna caspia*
88 Formerly listed as *Sterna bengalensis*
89 Formerly listed as *Sterna sandvicensis sandvicensis*
90 Formerly listed as *Sterna maxima albididorsalis*
91 Formerly listed as *Sterna bergii*
92 Formerly included in Muscicapidae