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| 23 April 2014  List of Marine Mammal Species and Subspecies |

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| The [Committee on Taxonomy](http://www.marinemammalscience.org/index.php?option=com_content&view=article&id=45&Itemid=55#taxonomy), chaired by Bill Perrin, has produced the first official SMM list of marine mammal species and subspecies. Consensus on some issues was not possible; this is reflected in the footnotes.  This list will be revisited and possibly revised every few months reflecting the continuing flux in marine mammal taxonomy. This version was updated on 23 April 2014.  This list can be cited as follows: “Committee on Taxonomy. 2014. List of marine mammal species and subspecies. Society for Marine Mammalogy, www.marinemammalscience.org, consulted on [date].”  This list includes living and recently extinct species and subspecies.  It is meant to reflect prevailing usage and recent revisions published in the peer-reviewed literature.  Author(s) and year of description of the species follow the Latin species name; when these are enclosed in parentheses, the species was originally described in a different genus. Classification and scientific names follow Rice (1998), with adjustments reflecting more recent literature. Common names are arbitrary and change with time and place; one or two currently frequently used in English and/or a range language are given here.  Additional English common names and common names in French, Spanish, Russian and other languages are available at [www.marinespecies.org/cetacea/](http://www.marinespecies.org/cetacea/" \t "_blank).  Based on molecular and morphological data, the cetaceans genetically and morphologically fall firmly within the *artiodactyl clade* (Geisler and Uhen, 2005), and therefore we include them in the order *Cetartiodactyla*, with *Cetacea*, *Mysticeti* and *Odontoceti* as unranked taxa (recognizing that the classification within *Cetartiodactyla* remains partially unresolved -- e.g., see Spaulding et al., 2009, Price et al., 2005; Agnarsson and May-Collado, 2008)1. Below the rank of order, we list only families, species and subspecies, omitting superfamilies, subfamilies and taxa of other ranks.  For pinnipeds we previously followed Berta and Churchill (2012). To avoid issues of paraphyly, these authors proposed that based on data from genetics and morphology the genus *Arctocephalus* be limited to *Arctocephalus pusillus*, the type species of the genus *Arctocephalus*, and transferred the remaining '*Arctocephalus*' species (i.e. *A. australis*, *A. galapagoensis*, *A. gazelle*, *A. philippii* and *A. tropicalis*) to *Arctophoca Peters*, 1866.  However,  Nyakatura and Bininda-Emonds (2012) compiled a new supertree of the *Carnivora* and concluded that this usage of *Arctophoca* may be premature because of remaining uncertainty about phylogenetic relationships, and we return provisionally to use of *Arctocephalus* for all the southern fur seals.  Four subspecies of *A. australis* were formerly listed here: *A. a. australis*, *A. a. forsteri*, *A. a. gracilis* and *A. a un-named*. However,  Oliveira and Brownell (in press) synonymized *A. a. gracilis* with *A. a. australis*. The super-tree analysis by Nyakatura and Bininda-Emonds (2012) accords with the phylogenetic analysis of Higdon (2007), suggesting that the New Zealand fur seal  should be recongnized as a full species, *A. forsteri*. Two subspecies of *A. philippii* are valid: *A.p. philippii* and *A. p. townsendi*, although small sample sizes and a small number of genes sampled are concerns. Two subspecies of *Eumetopias* are supported largely on genetic data, which is also the case for recognition of California, Japanese and Galapagos sea lions as separate species. Brunner (2004) advised use of *Otaria byronia* (Blainville, 1820) over O. flavescens (Shaw, 1800).  Lindqvist et al. (2009) concluded that a purported third subspecies of the walrus *Odobenus rosmarus laptevi* is not valid. Recent genetic analyses indicate that *Phoca vitulina concolor* is paraphyletic and this along with lack of morphological differentiation suggests that the western Atlantic subspecies is not valid; *P. v. vitulina* is considered here to apply to all Atlantic harbor seals. Within the North Pacific, until the subspecies limits of various populations are assessed only a single subspecies is recognized, *Phoca vitulina richardii*. Placement of the ringed seal, Caspian seal and Baikal seal has alternated between the genera *Phoca* and *Pusa*. We accept Rice's (1998) use of Pusa as the correct classification." The use of *Lontra* rather than *Lutra* for the marine otter follows *Larivière* (1998) in recognizing the otters of North and South America as a monophyletic taxon distinct from the otters of Eurasia.  In the *mysticete* cetaceans, genetic evidence strongly supports the recognition of three separate phylogenetic species of right whales (Rosenbaum et al., 2000; Gaines et al., 2005). In addition, the genus *Eubalaena* (rather than *Balaena* as in Rice, 1998) is retained for the right whales as recommended by the Scientific Committee of the International Whaling Commission (IWC, 2002)2. *Caperea marginata* may be a member of the family *Cetotheriidae* (Fordyce and Marx 2012). *Neobalaenidae* is retained here provisionally. All Bryde's whales are provisionally considered to comprise a single species, *Balaenoptera edeni*, following the usage of the IWC (IWC 2002, 2008) and Kato and Perrin (2009). Some workers recognize *B. edeni* as including only the small-form coastal Bryde's whales of the western Pacific and Indian Oceans, using *B. brydei* for the globally distributed larger more oceanic form (Sasaki et al., 2006). Kato and Perrin (2009) and Kershaw et al. (2013) considered these more likely to be distinct at the subspecific level (although arguably at the species level), and they are included here provisionally as such. *Balaenoptera omurai* is a newly described species (Wada et al., 2003). It was previously confounded with the Bryde's whale and has been confirmed as having a separate and ancient lineage (Sasaki et al. 2006). Clarke (2004) proposed recognition of a pygmy form of the fin whale as a subspecies, based on distribution, size and coloration. He resurrected the synonym patachonica Burmeister, 1865 to apply to the subspecies: *B. physalus patachonica*. Branch et al. (2007) recognized the Chilean blue whale as an un-named  subspecies of *B. musculus*.  In the odontocetes, *Mesoplodon traversii* (spade-toothed whale) has been recognized as the senior synonym for *M. bahamondi* (Bahamonde's beaked whale) (van Helden et al., 2002). The first complete specimen was recently described from a stranding on the North Island of New Zealand (Thompson et al. 2012). *Mesoplodon perrini* is a newly described species (Dalebout et al., 2002).  Dalebout et al. (in press) resurrected *Mesoplodon hotaula Deraniyagala*, 1963, a species closely similar to *M. ginkgodens*.  The species *Inia boliviensis* d'Orbigny 1834 of the Cochabamba, Santa Cruz, Beni and Pando areas of the Bolivian Amazon basin is included in accordance with prevailing usage (Ruiz-García and Shostell, 2010). While the two *Inia* species overlap in all morphological characters (da Silva, 1994; Ruiz-García et al., 2006), they have been reproductively isolated from each other by a long series of rapids for an estimated 3.1 million years (Hollatz et al., 2011), and two independent lines of genetic evidence, from mtDNA and nuclear introns (Banguera-Hinestroza et al., 2008; Ruiz-García et al., 2008), suggest that they are on separate evolutionary trajectories and deserve recognition as phylogenetic species. Robineau et al. (2007) described the subspecies *Cephalorhynchus commersonii kerguelenensis*, and A. Baker et al. described *C. hectori maui*. The tucuxi has been split into the freshwater *Sotalia fluviatilis* (retaining the common name tucuxi) and the marine Guiana dolphin *S. guianensis* (Caballero et al. 2007).  Based on a combined analysis of genetic and morphological data, Mendez et al. (2013) propose to recognize four species of Sousa (the humpback dolphins): the previously here-listed *S. teuszii* and *S. chinensis* plus *S. plumbea* and a new un-named species from northern Australia originally documented based on molecular data by Frère et al. (2008). A drawback of the phylogenetic analyses is that there was only one sample from the area of supposed sympatry of *S. plumbea* and *S. chinensis* and very low coverage of the Indo-Malay region (n=5). The two species are listed here provisionally, pending the outcome of further analysis including more samples from those areas. The Burrunan dolphin *Tursiops australis*, recently described by Charlton-Robb et al. (2011), is not included here; its validity is uncertain. Among potential problems relating to its putative species status:  1. The specimens were compared morphologically only with bottlenose dolphins from Australia,  2. Despite the small sample sizes, the series overlapped in all metric characters and separation was possible only with multivariate analysis (which commonly resolves geographical forms within a species, e.g see Perrin et al. (1999) and Perrin et al. (2011) for *Stenella longirostris* and *Tursiops truncatus*, respectively),  3. Comparisons of external morphology and non-metrical characters were made only with *T. truncatus*, to the exclusion of *T. aduncus*,  4. Support for important nodes in molecular trees suggesting phylogenetic separation was low.  A rigorous re-evaluation of the relevant data and arguments is needed. Recognition of the Black Sea bottlenose dolphin is now well-supported by genetic data (Viaud-Martinez et al., 2008), as is the Black Sea common dolphin (Natoli et al., 2008). *Delphinus tropicalis* is now considered a subspecies of *D. capensis* (Jefferson and Van Waerebeek, 2002). *Lagenorhynchus* is widely considered an unnatural (polyphyletic) taxon containing morphologically convergent species (Cipriano 1997, LeDuc et al. 1999, McGowen 2011), and application of the genera *Sagmatias* (for *L. obscurus*, *obliquidens*, *australis* and *cruciger*) and *Leucopleurus* (for *L. acutus*) have been suggested as appropriate and used by some workers. However, there is continuing disagreement about whether *australis* and *cruciger* should be included in *Cephalorhynchus* (which would necessitate a new genus for *obliquidens* and *obscurus*, as *australis* is the type species for the genus *Sagmatias*) and about whether *albirostris* and *acutus* are sister species (which would obviate the need for *Leucopleurus*). We therefore provisionally retain all the species in *Lagenorhynchus*. Harlin-Cognato (2010) recognized *L. o. posidonia* (Peru/Chile). She also recognized *L. o. superciliosis* (Lesson and Garnot, 1826) for the New Zealand subspecies, but the species identity of the figure in Lesson and Garnot is in question, and we retain use of "un-named New Zealand subspecies." It has been noted repeatedly, most recently by Perrin et al. (2013), that the delphinine genera *Stenella* and *Tursiops* are paraphyletic and that at present there is no molecular or morphological basis for satisfactory resolution of phylogenetic relationships in the subfamily. A possible solution would be to return all the species in *Tursiops*, *Sousa*, and *Stenella* to *Delphinus*, the genus in which they were first described, and place *Lagenorhynchus hosei* there as well.  However, considering that this would obscure the proven close relationship of the present *Delphinus* species and of the *Sousa* species, the status quo is maintained here provisionally, pending the outcome of more definitive morphological and molecular studies. Hopefully a more natural classification will emerge. Perrin et al. (1999) established the subspecies *Stenella longirostris roseiventris*. The Irrawaddy dolphin was recently split into *O. brevirostris* and *O. heinsohni*, the Australian snubfin dolphin (Beasley et al., 2005). Krahn et al. (2004) recognized two un-named species of killer whales, the resident and transient forms. Other forms of killer whales in the North Pacific, North Atlantic and Antarctic Ocean may warrant recognition as separate subspecies or even species, but the taxonomy has not yet been fully clarified or agreed (Morin et al. 2010; Foote et al. 2009, 2013). Wang et al. (2008) and Jefferson and Wang (2011) established *Neophocaena asiaeorientalis* as a full species, with two subspecies. Viaud-Martinez et al. (2007) concluded based on morphological and genetic evidence that *Phocoena phocoena relicta* is a valid subspecies.  We list the *baiji Lipotes vexillifer* as “possibly extinct” in conformance with the IUCN Red List, although extinction seems a certainty.  In the *Sirenia*, subspecies of the dugong are not currently recognized (Domning, 1996). However, no in-depth study has been undertaken to address the issue of subspecies.  For review of species concepts, see Reeves et al. (2004), Orr and Coyne (2004), de Queiroz (2007) and Perrin (2009).  Perrin et al. (2009) reviewed the cetacean subspecies, but that review has not yet appeared in the peer-reviewed literature and is therefore not considered here; the subspecies (including for the *Carnivora* and *Sirenia*) are as recognized by Rice (1998), with the above-noted changes.  Corrections and comments should be directed to the Committee on Taxonomy ([william.perrin@noaa.gov](mailto:william.perrin@noaa.gov)).  Divergent opinions by members of the Committee on particular taxonomic questions are given in the footnotes.  **Order *Carnivora***  **Family *Otariidae* (eared seals and sea lions; 15 species, of which 1 extinct)**  *Arctocephalus pusillus* (Schreber, 1775) Cape fur seal  *A. p. pusillus* (Schreber, 1775). Cape fur seal  *A. p. doriferus* Wood Jones, 1925. Australian fur seal  *Arctocephalus gazella (*Peters, 1876). Antarctic fur seal  *Arctocephalus tropicalis* (Gray, 1872).  Subantarctic fur seal  [*Arctocephalus forsteri*](http://www.marinemammalscience.org/index.php?option=com_content&view=article&id=439&Itemid=285) (Lesson, 1828). New Zealand fur seal  *Arctocephalus australis* (Zimmermann, 1783) South American fur seal  *A. a. australis* (Zimmermann, 1783). South American fur seal  *A. a.* un-named subspecies. Peruvian fur seal  *Arctocephalus galapagoensis* Heller, 1904. Galapagos fur seal  *Arctocephalus philippii* (Peters, 1866)  *A. p. philippii* Peters, 1866. Juan Fernandez fur seal  *A. p. townsendi* (Merriam, 1897). Guadalupe fur seal  *Callorhinus ursinus* (Linnaeus, 1758). Northern fur seal  *Zalophus japonicus* (Peters, 1866). Japanese sea lion (extinct)  *Zalophus californianus* (Lesson, 1828). California sea lion  *Zalophus wollebaeki* Sivertsen, 1953. Galapagos sea lion  *Eumetopias jubatus* (Schreber, 1776). Steller sea lion, northern sea lion  *E. j. jubatus* (Schreber, 1776). Western Steller sea lion  *E. j. monteriensis* (Gray, 1859). Loughlin's Steller sea lion  [*Neophoca cinerea*](http://www.marinemammalscience.org/index.php?option=com_content&view=article&id=468&Itemid=302) (Peron, 1816). Australian sea lion  [*Phocarctos hookeri*](http://www.marinemammalscience.org/index.php?option=com_content&view=article&id=437&Itemid=286) (Gray, 1844). New Zealand sea lion  *Otaria byronia* (Blainville, 1820). South American sea lion  **Family *Odobenidae***  [*Odobenus rosmarus*](http://www.marinemammalscience.org/index.php?option=com_content&view=article&id=512&Itemid=320) (Linnaeus, 1758). Walrus  *O. r. rosmarus* (Linnaeus, 1758). Atlantic walrus  *O. r. divergens* (Illiger, 1815). Pacific walrus  **Family *Phocidae* (earless seals; 19 species, of which 1 extinct)**  *Erignathus barbatus* (Erxleben, 1777). Bearded seal  *E. b. barbatus* (Erxleben, 1777). Atlantic bearded seal  *E. b. nauticus* (Pallas, 1881). Pacific bearded seal  [*Phoca vitulina*](http://www.marinemammalscience.org/index.php?option=com_content&view=article&id=477&Itemid=310) (Linnaeus, 1758). Harbor seal, common seal  *P. v. vitulina* (Linnaeus, 1758). Atlantic harbor seal  *P. v. mellonae* (Doutt, 1942). Ungava harbor seal  *P. v. richardii* (Gray, 1864). Pacific harbor seal  *Phoca largha* (Pallas, 1811. Spotted seal, largha seal  *Pusa hispida* (Schreber, 1775). Ringed seal  *P. h. hispida* (Schreber, 1775). Arctic Ringed seal  *P. h. botnica* (Gmelin, 1788). Baltic ringed seal  *P. h. ochotensis* (Nordquist, 1889) Okhotsk ringed seal  *P. h. ladogensis* (Nordquist, 1889). Lake Ladoga seal  *P. h. saimensis* (Nordquist, 1889). Saima seal  *Pusa caspica* (Gmelin, 1788). Caspian seal  *Pusa sibirica* (Gmelin, 1788. Baikal seal  [*Halichoerus grypus*](http://www.marinemammalscience.org/index.php?option=com_content&view=article&id=476&Itemid=309) (Fabricius, 1791). Gray seal  *H. g. grypus* (Fabricius, 1791). Western Atlantic gray seal  *H. g. macrorhynchus* Hornschuh and Schilling, 1851. Eastern Atlantic gray seal  *Histriophoca fasciata* (Zimmerman, 1783). Ribbon seal  *Pagophilus groenlandicus* (Erxleben, 1777). Harp seal  *Cystophora cristata* (Erxleben, 1777). Hooded seal  [*Monachus tropicalis*](http://www.marinemammalscience.org/index.php?option=com_content&view=article&id=472&Itemid=306) (Gray, 1850). Caribbean monk seal (extinct)  *Monachus monachus* (Hermann, 1779). Mediter­ranean monk seal  [*Monachus schauinslandi*](http://www.marinemammalscience.org/index.php?option=com_content&view=article&id=498&Itemid=314) Matschie, 1905. Hawaiian monk seal  [*Mirounga leonina*](http://www.marinemammalscience.org/index.php?option=com_content&view=article&id=453&Itemid=296) (Linnaeus, 1758). Southern elephant seal  [*Mirounga angustirostris*](http://www.marinemammalscience.org/index.php?option=com_content&view=article&id=424&Itemid=295) (Gill, 1866). Northern elephant seal  *Leptonychotes weddellii* (Lesson, 1826). Weddell seal  *Ommatophoca rossii* Gray, 1844. Ross seal  *Lobodon carcinophaga* (Hombron and Jacquinot, 1842). Crabeater seal  [*Hydrurga leptonyx*](http://www.marinemammalscience.org/index.php?option=com_content&view=article&id=459&Itemid=298) (Blainville, 1820). Leopard seal  **Family *Ursidae***  *Ursus maritimus* Phipps, 1774. Polar bear  *U. m. maritimus* Phipps, 1774. Atlantic polar bear  *U. m. marinus* Pallas, 1776. Pacific polar bear  **Family *Mustelidae***  *Enhydra lutris* (Linnaeus, 1758). Sea otter  *E. l. lutris* (Linnaeus, 1758). Western sea otter  *E. l. kenyoni* Wilson, 1991. Eastern sea otter  *E. l. nereis* (Merriam, 1904). Southern sea otter  *Lontra felina* (Molina, 1782). Chungungo, marine otter  *Neovison macrodon* (Prentis, 1903). Sea mink (extinct)  **Order *Cetartiodactyla*(artiodactyls and cetaceans)**  ***CETACEA* (cetaceans; 90 species, of which 1 possibly extinct)**  ***MYSTICETI* (baleen whales, 14 species)**  **Family *Balaenidae* (right whales, 4 species)**  *Eubalaena glacialis* (Müller, 1776). North Atlantic right whale  *Eubalaena japonica* (Lacépède, 1818). North Pacific right whale  *Eubalaena australis* (Desmoulins, 1822). Southern right whale  *Balaena mysticetus* Linnaeus, 1758. Bowhead whale, Greenland whale  **Family *Neobalaenidae***  *Caperea marginata* (Gray, 1846). Pygmy right whale  **Family *Eschrichtiidae***  [*Eschrichtius robustus*](http://www.marinemammalscience.org/index.php?option=com_content&view=article&id=475&Itemid=308) (Lilljeborg, 1861). Gray whale  **Family *Balaenopteridae* (rorquals, 8 species)**  [*Megaptera novaeangliae*](http://www.marinemammalscience.org/index.php?option=com_content&view=article&id=426&Itemid=282) (Borowski, 1781). Humpback whale  *Balaenoptera acutorostrata* Lacépède, 1804. Common minke whale  *B. a. acutorostrata* Lacépède, 1804. North Atlantic minke whale  *B. a. scammoni* Deméré, 1986. North Pacific minke whale  *B. a.* un-named subsp. Dwarf minke whale  [*Balaenoptera bonaerensis*](http://www.marinemammalscience.org/index.php?option=com_content&view=article&id=407&Itemid=274) Burmeister, 1867. Antarctic minke whale  *Balaenoptera edeni* Anderson, 1879. Bryde's whale  *B. e. edeni* Anderson, 1879. Eden’s whale  *B. e. brydei* Olsen, 1913. Offshore Bryde’s whale  *Balaenoptera omurai* Wada, Oishi and Yamada, 2003. Omura's whale  *Balaenoptera borealis* Lesson, 1828. Sei whale  *B. b. borealis* Lesson, 1828. Northern sei whale  *B. b. schlegellii (*Flower, 1865). Southern sei whale  [*Balaenoptera physalus*](http://www.marinemammalscience.org/index.php?option=com_content&view=article&id=418&Itemid=279) (Linnaeus, 1758). Fin whale  *B. p. physalus* (Linnaeus, 1758). Northern fin whale  *B. p. quoyi* Fischer, 1829). Southern fin whale  *B. p. patachonica Burmeister*, 1865. Pygmy fin whale  [*Balaenoptera musculus*](http://www.marinemammalscience.org/index.php?option=com_content&view=article&id=494&Itemid=311) (Linnaeus, 1758). Blue whale  *B. m. musculus* (Linnaeus, 1758). Northern blue whale  *B. m. intermedia* Burmeister, 1871. Antarctic blue whale  *B. m. indica* Blyth, 1859. Northern Indian Ocean blue whale  [*B. m. brevicauda*](http://www.marinemammalscience.org/index.php?option=com_content&view=article&id=514&Itemid=321) Ichihara, 1966. Pygmy blue whale  *B. m.* un-named subsp. Chilean blue whale.  ***ODONTOCETI* (toothed whales, dolphins and porpoises: 76 named and 1 un-named species; one named species possibly extinct) Family *Physeteridae***  [*Physeter macrocephalus*](http://www.marinemammalscience.org/index.php?option=com_content&view=article&id=496&Itemid=313) Linnaeus*,* 1758. Sperm whale, cachalot  **Family *Kogiidae***  *Kogia breviceps* (Blainville, 1838). Pygmy sperm whale  *Kogia sima* (Owen, 1866). Dwarf sperm whale  **Family *Ziphiidae* (beaked whales, 22 species)**  [*Ziphius cavirostris*](http://www.marinemammalscience.org/index.php?option=com_content&view=article&id=474&Itemid=307) G. Cuvier, 1823. Cuvier's beaked whale, goose-beaked whale  *Berardius arnuxii* Duvernoy, 1851. Arnoux' beaked whale  *Berardius bairdii* Stejneger, 1883. Baird's beaked whale  *Tasmacetus shepherdi* Oliver, 1937. Shepherd's beaked whale, Tasman beaked whale  *Indopacetus pacificus* (Longman, 1926). Longman's beaked whale, tropical bottlenose whale,  [*Hyperoodon ampullatus*](http://www.marinemammalscience.org/index.php?option=com_content&view=article&id=417&Itemid=278) (Forster, 1770). Northern bottlenose whale  *Hyperoodon planifrons* Flower, 1882. Southern bottlenose whale  *Mesoplodon hectori* (Gray, 1871). Hector's beaked whale  *Mesoplodon mirus* True, 1913. True's beaked whale  *Mesoplodon europaeus* (Gervais, 1855). Gervais' beaked whale  *Mesoplodon bidens* (Sowerby, 1804). Sowerby's beaked whale  *Mesoplodon grayi von* Haast, 1876. Gray's beaked whale  *Mesoplodon perrini* Dalebout, Mead, Baker, Baker and van Helden, 2002. Perrin's beaked whale  *Mesoplodon peruvianus* Reyes, Mead and Van Waerebeek, 1991. Pygmy beaked whale  *Mesoplodon bowdoini* Andrews, 1908. Andrews’ beaked whale  *Mesoplodon traversii* (Gray, 1874). Spade-toothed whale  *Mesoplodon carlhubbsi* Moore, 1963. Hubbs' beaked whale  *Mesoplodon ginkgodens* Nishiwaki and Kamiya, 1958. Ginkgo-toothed beaked whale  *Mesoplodon stejnegeri* True, 1885. Stejneger's beaked whale  *Mesoplodon layardii* (Gray, 1865). Strap-toothed beaked whale, Layard’s beaked whale  [*Mesoplodon densirostris*](http://www.marinemammalscience.org/index.php?option=com_content&view=article&id=515&Itemid=322) (Blainville, 1817. Blainville's beaked whale  *Mesoplodon hotaula* Deraniyagala, 1963. Deraniyagala’s beaked whale.  **Family *Platanistidae***  *Platanista gangetica* (Lebeck, 1801). South Asian river dolphin, Indian river dolphin  *P. g. gangetica* (Lebeck, 1801). Susu, Ganges river dolphin  *P. g. minor* Owen, 1853. Bhulan, Indus river dolphin  **Family *Iniidae***  *Inia geoffrensis* (Blainville, 1817). Amazon river dolphin  *I. g. geoffrensis* (Blainville, 1817). Boto  *I. g. humboldtiana* Pilleri and Gihr, 1977. Orinoco bufeo  *Inia boliviensis* d'Orbigny, 1834. Bolivian bufeo  **Family *Lipotidae***  *Lipotes vexillifer* (Miller, 1918). Baiji, Yangtze river dolphin – possibly extinct  **Family *Pontoporiidae***  *Pontoporia blainvillei* (Gervais and d'Orbigny, 1844). Franciscana, toninha.  **Family *Monodontidae***  [*Monodon monoceros*](http://www.marinemammalscience.org/index.php?option=com_content&view=article&id=510&Itemid=319) Linnaeus, 1758. Narwhal  *Delphinapterus leucas* (Pallas, 1776). Beluga, white whale  **Family *Delphinidae* (38 species)**  *Cephalorhynchus commersonii* (Lacépède, 1804). Commerson's dolphin  *C. c. commersonii* (Lacépède, 1804). Commerson's dolphin  *C. c. kerguelenensis* Robineau, Goodall, Pichler and C. S. Baker, 2007. Kerguelen Islands Commerson's dolphin  *Cephalorhynchus eutropia* (Gray, 1846). Chilean dolphin  *Cephalorhynchus heavisidii* (Gray, 1828). Heaviside's dolphin, Haviside’s dolphin  [*Cephalorhynchus hectori*](http://www.marinemammalscience.org/index.php?option=com_content&view=article&id=422&Itemid=281) (Van Beneden, 1881). Hector's dolphin, New Zealand dolphin  *C. h. hectori* (Van Beneden, 1881). South Island Hector's dolphin  *C. h. maui* A. Baker, Smith and Pichler, 2002. Maui's dolphin, North Island Hector's dolphin  *Steno bredanensis* (G. Cuvier *in* Lesson, 1828). Rough-toothed dolphin  *Sousa teuszii* (Kükenthal, 1892). Atlantic hump­back dolphin  *Sousa chinensis* (Osbeck, 1765).  Pacific hump­back dolphin  *Sousa plumbea* (G. Cuvier, 1829). Indian Ocean humpback dolphin  *Sousa* un-named species. Australian humpback dolphin  *Sotalia fluviatilis* (Gervais and Deville in: Gervais, 1853). Tucuxi  *Sotalia guianensis* (Van Bénedén, 1864). Guiana dolphin, costero  *Tursiops truncatus* (Montagu, 1821). Common bottlenose dolphin  *T. t. truncatus* (Montagu, 1821). Common bottlenose dolphin  *T. t. ponticus* Barabash-Nikiforov, 1940. Black Sea bottlenose dolphin  [*Tursiops aduncus*](http://www.marinemammalscience.org/index.php?option=com_content&view=article&id=522&Itemid=326) (Ehrenberg, 1833). Indo-Pacific bottlenose dolphin  *Stenella attenuata* (Gray, 1846). Pantropical spotted dolphin  *S. a. attenuata* (Gray, 1846). Offshore pantropical spotted dolphin  *S. a. graffmani* (Lönnberg, 1934). Coastal pantropical spotted dolphin  [*Stenella frontalis*](http://www.marinemammalscience.org/index.php?option=com_content&view=article&id=434&Itemid=284) (G. Cuvier, 1829). Atlantic spotted dolphin  *Stenella longirostris* (Gray, 1828). Spinner dolphin  *S. l. longirostris* (Gray, 1828). Gray's spinner dolphin  *S. l. orientalis* Perrin, 1990. Eastern spinner dolphin  *S. l. centroamericana* Perrin, 1990. Central American spinner dolphin  *S. l. roseiventris* (Wagner, 1846). Dwarf spinner dolphin  *Stenella clymene* (Gray, 1850). Clymene dolphin  *Stenella coeruleoalba* (Meyen, 1833). Striped dolphin  [*Delphinus delphis*](http://www.marinemammalscience.org/index.php?option=com_content&view=article&id=467&Itemid=301) Linnaeus, 1758. Short-beaked common dolphin, saddleback dolphin  *D. d. delphis* Linnaeus, 1758. Short-beaked common dolphin  *D. d. ponticus* Barabash, 1935. Black Sea common dolphin  [*Delphinus capensis*](http://www.marinemammalscience.org/index.php?option=com_content&view=article&id=465&Itemid=300) Gray, 1828. Long-beaked common dolphin  *D. c. capensis* Gray, 1828. Long-beaked common dolphin  *D. c. tropicalis* van Bree, 1971. Indo-Pacific common dolphin  *Lagenodelphis hosei* Fraser, 1956. Fraser's dolphin  *Lagenorhynchus albirostris* (Gray, 1846). White­-beaked dolphin  *Lagenorhynchus acutus* (Gray, 1828). Atlantic white-sided dolphin  *Lagenorhynchus obliquidens* Gill, 1865. Pacific white-sided dolphin  [*Lagenorhynchus obscurus*](http://www.marinemammalscience.org/index.php?option=com_content&view=article&id=431&Itemid=283) (Gray, 1828). Dusky dolphin  *L. o. obscurus* (Gray, 1828). African dusky dolphin  *L. o. fitzroyi* (Waterhouse, 1838). Fitzroy’s dolphin  *L. o. posidonia* (Philippi, 1893). Peruvian/Chilean dusky dolphin  *L. o.* un-named subsp. New Zealand dusky dolphin  *Lagenorhynchus australis* (Peale, 1848). Peale's dolphin  *Lagenorhynchus cruciger* (Quoy and Gaimard, 1824). Hourglass dolphin  *Lissodelphis borealis (*Peale, 1848). Northern right-whale dolphin  *Lissodelphis peronii* (Lacépède, 1804). Southern right-whale dolphin  *Grampus griseus* (G. Cuvier, 1812). Risso's dolphin, gray grampus  *Peponocephala electra* (Gray, 1846). Melon-headed whale, Electra dolphin  *Feresa attenuata* Gray, 1874. Pygmy killer whale  [*Pseudorca crassidens*](http://www.marinemammalscience.org/index.php?option=com_content&view=article&id=463&Itemid=299) (Owen, 1846). False killer whale  *Orcinus orca* (Linnaeus, 1758). Killer whale, orca  *O. o.* un-named subsp. Resident killer whale  *O. o.* un-named subsp. Transient killer whale, Bigg’s killer whale  [*Globicephala melas*](http://www.marinemammalscience.org/index.php?option=com_content&view=article&id=519&Itemid=325) (Traill, 1809). Long-finned pilot whale  *G. m. melas* (Traill, 1809). North Atlantic long-finned pilot whale  *G. m. edwardii* (A. Smith, 1834). Southern long-finned pilot whale  *G. m.* un-named subsp. North Pacific long-finned pilot whale  [*Globicephala macrorhynchus*](http://www.marinemammalscience.org/index.php?option=com_content&view=article&id=521&Itemid=324) Gray, 1846. Short­-finned pilot whale  *Orcaella brevirostris* (Owen *in* Gray, 1866). Ir­rawaddy dolphin, pesut  *Orcaella heinsohni* Beasley, Robertson and Arnold, 2005. Australian snubfin dolphin  **Family *Phocoenidae* (porpoises, 7 species)**  *Neophocaena phocaenoides* (G. Cuvier, 1829). Indo-Pacific fin­less porpoise  *Neophocaena  asiaeorientalis (*Pilleri and Gihr, 1972). Narrow-ridged finless porpoise  *N. a. asiaeorientalis (*Pilleri and Gihr, 1972). Yangtze finless porpoise  *N. a. sunameri* Pilleri and Gihr, 1975. East Asian finless porpoise, sunameri  [*Phocoena phocoena*](http://www.marinemammalscience.org/index.php?option=com_content&view=article&id=412&Itemid=276) (Linnaeus, 1758). Harbor por­poise, common porpoise  *P. p. phocoena* (Linnaeus, 1758). Atlantic harbor porpoise  *P. p. vomerina* (Gill, 1865). Eastern Pacific harbor porpoise  *P. p. relicta* Abel, 1905. Black Sea harbor porpoise  *P. p.* un-named subsp. Western Pacific harbor porpoise  [*Phocoena sinus*](http://www.marinemammalscience.org/index.php?option=com_content&view=article&id=501&Itemid=315) Norris and McFarland, 1958. Vaquita, Gulf of California harbor porpoise  *Phocoena spinipinnis* Burmeister, 1865. Burmeister's porpoise  *Phocoena dioptrica* Lahille, 1912. Spectacled porpoise  *Phocoenoides dalli* (True, 1885). Dall's porpoise, Dall porpoise  *P. d. dalli* (True, 1885). *Dalli*-type Dall's porpoise  *P. d. truei* Andrews, 1911. *Truei*-type Dall's porpoise  **ORDER *SIRENIA* (sirenians, 5 species – 1 extinct)**  **Family *Trichechidae***  [*Trichechus manatus*](http://www.marinemammalscience.org/index.php?option=com_content&view=article&id=414&Itemid=277) Linnaeus, 1758. West Indian manatee  *T. m. manatus* Linnaeus, 1758. Antillean manatee  *T. m. latirostris* (Harlan, 1824). Florida manatee  *Trichechus senegalensis* Link, 1795. West African manatee, African manatee  *Trichechus inunguis* (Natterer, 1883). Amazonian manatee  **Family *Dugongidae***  [*Dugong dugon*](http://www.marinemammalscience.org/index.php?option=com_content&view=article&id=441&Itemid=287) (Müller, 1776). Dugong  *Hydrodamalis gigas* (Zimmerman, 1780). Steller's sea cow - extinct  Footnotes  1Use of Order *Cetartiodactyla* is favored by most evolutionary mammalogists working with molecular data. Some others, including many marine mammalogists and paleontologists, favor retention of Order *Cetacea* in the interest of taxonomic stability.  2(from D. 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Wang •                Tadasu Yamada |