The ETYFish Project
© Christopher Scharpf and Kenneth J. Lazara

Class CHONDRICHTHYES Cartilaginous Fishes
chondros, cartilage; ichthos, fish, i.e., fishes (chimaeras, sharks, skates, rays) with cartilaginous skeleton

Subclass HOLOCEPHALI
holos, whole; cephalus, head, referring to fusion of upper jaws (palatoquadrates) to skull in all living species and in many but not all fossils

Order CHIMAERIFORMES Chimaeras
3 families · 6 genera · 54 species

Family CALLORHINCHIDAE Plownose Chimaeras

Callorhinchus Lacepède 1798
tautonymous with Chimaera callorhinchus (with unnecessary emendation of callorynchus); callum, with a hard skin; rhynchus, snout, referring to peculiar hoe-shaped proboscis

Callorhinchus callorynchus (Linnaeus 1758)
callum, with a hard skin; rhynchus, snout, referring to peculiar hoe-shaped proboscis

Callorhinchus capensis Duméril 1865
-ensis, suffix denoting place: the cape, referring to Cape of Good Hope, type locality

Callorhynchus milii Bory de Saint-Vincent 1823
in honor of Lieut. Pierre Bernard Miliius (1773-1829), who befriended Bory de Saint-Vincent during Nicolas Baudin's 1800 Naturalist expedition, which collected type

Family CHIMAERIDAE Shortnose Chimaeras
2 genera · 43 species

Chimaera Linnaeus 1758
named for the mythological creature composed of parts of multiple animals, referring to their odd mix of characteristics

Chimaera argiloba Last, White & Pogonoski 2008
argus, white; lobus, rounded projection, referring to distinct white posterior margin of first dorsal fin

Chimaera bahamaensis Kemper, Ebert, Didier & Compagno 2010
-ensis, suffix denoting place: the Bahamas, referring to type locality east of Andros Island in the western North Atlantic

Chimaera buccanigella Clerkin, Ebert & Kemper 2017
bucca, mouth; nigella, dark, referring to dark marking directly around mouth

Chimaera carophila Kemper, Ebert, Naylor & Didier 2014
named for Carol and Phil Kemper (caro + phil), supporters of chimaeroid research (and the senior author’s parents)

Chimaera cubana Howell Rivero 1936
Cuban, known only from Matanzas Bay

Chimaera didierae Clerkin, Ebert & Kemper 2017
in honor of Dominique A. Didier (b. 1965), Millersville University (Millersville, Pennsylvania, USA) for her “outstanding” contributions to the systematics of chimaeras

Chimaera fulva Didier, Last & White 2008
brown (actually tawny or reddish brown), referring to brownish body coloration

Chimaera jordani Tanaka 1905
in honor of David Starr Jordan (1831-1931), for his extensive work on the fishes of Japan

Chimaera lignaria Didier 2002
of or belonging to wood, referring to Kevin J. Dagit, woodworker, carpenter and “supporter of research on chimaeroid fishes in his spare time” (Sharks: An Eponym Dictionary identifies Dagit [misspelled Dadit] as Didier’s son; he was, in fact, Didier’s husband at the time [Dominique Didier, pers. comm.])

Chimaera macrospina Didier, Last & White 2008
makros, long; spina, thorn or spine, referring to long dorsal spine that’s taller than dorsal fin

Chimaera monstrosa Linnaeus 1758
strange or grotesque, referring to its strange appearance, as if composed of parts of multiple animals
**Chimaera notafricana** Kemper, Ebert, Compagno & Didier 2010  
*nota*, south, referring to known distribution off west and south coasts of southern Africa

**Chimaera obscura** Didier, Last & White 2008  
dark, referring to dark brownish to black body coloration

**Chimaera ogilbyi** Waite 1898  
in honor of ichthyologist James Douglas Ogilby (1853-1925), for his researches on Australian fishes

**Chimaera opalescens** Luchetti, Iglésias & Sellos 2011  
opalescent, referring to characteristic iridescent coloration of fresh specimens, resembling nacreous colors of the semi-precious stone opal

**Chimaera orientalis** Angulo, López, Bussing & Murase 2014  
eastern, the first species of the genus described from the eastern Pacific Ocean

**Chimaera owstoni** Tanaka 1905  
in honor of Alan Owston (1853-1915), businessman, yachtsman, and collector of Asian wildlife, who supplied type

**Chimaera panthera** Didier 1998  
referring to leopard-like pattern of spots and markings on body

**Chimaera phantasma** Jordan & Snyder 1900  
phantom or apparition, probably referring to its striking appearance in life (silvery, with jet-black bands down the sides) and/or overall ghoulish appearance common to all chimaeras

**Chimaera willwatchi** Clerkin, Ebert & Kemper 2017  
in honor of the “hard-working” fishers onboard the Sealord Corporation fishing vessel *Will Watch*, from which type was collected

**Hydrolagus** Gill 1862  
*hydro*, water; *lagos*, hare, i.e., “water rabbit,” likely referring to their three pairs of tooth plates, which tend to protrude from the mouth like a rabbit’s incisors

**Hydrolagus affinis** (de Brito Capello 1868)  
related to, referring to its similarity to *Chimaera monstrosa*

**Hydrolagus africanaus** (Gilchrist 1922)  
*-anus*, belonging to: Africa, known only from off the coasts of Natal and Kenya

**Hydrolagus alberti** Bigelow & Schroeder 1951  
in honor of oceanographer Albert E. Parr (1901-1991), editor of the authors' “Fishes of the Western North Atlantic” monographs, for his many contributions to ichthyology

**Hydrolagus alphus** Quaranta, Didier, Long & Ebert 2006  
white spot on skin, referring to noticeable white spot on side

**Hydrolagus barbouri** (Garman 1908)  
in honor of herpetologist Thomas Barbour (1884-1946), “through whose enthusiastic interest the opportunity of description was provided”

**Hydrolagus bemisi** Didier 2002  
in honor of William E. Bemis, University of Massachusetts Amherst, “longtime mentor and friend, and a leader in ichthyological research”

**Hydrolagus colliei** (Lay & Bennett 1839)  
in honor of Alexander Collie (1793-1835), surgeon-naturalist aboard HMS *Blossom*, from which type was collected; his notes formed the basis of Lay & Bennett’s description

**Hydrolagus deani** (Smith & Radcliffe 1912)  
in honor of ichthyologist Bashford Dean (1867-1928), for his “able studies” of chimaeras

**Hydrolagus eidolon** (Jordan & Hubbs 1925)  
a phantom double, referring to its similarity to *H. purpurescens*, with which it had been confused

**Hydrolagus erithacus** Walovich, Ebert & Kemper 2017  
*Erithacus*, the avian genus of the robin, named after Robin Leslie, South African Department of Agriculture, Forestry and Fisheries, a “fanatic birder,” for his help and support with the authors’ project and his overall contribution to Chondrichthyan research in southern Africa

**Hydrolagus homonycteris** Didier 2008  
*homo*, man; *nycteris*, bat, referring to Thomas A. Griffiths, bat systematist known as “bat man,” who introduced Didier to chimaeroid fishes
Hydrolagus lusitanicus Moura, Figueiredo, Bordalo-Machado, Almeida & Gordo 2005
-icus, belonging to: Lusitania, ancient name of Portugal, where species was initially identified

Hydrolagus macrophthalmus de Buen 1959
macro, long; ophthalmos, eye, referring to large oval eyes

Hydrolagus marmoratus Didier 2008
marbled, referring to marbled pattern of greyish brown reticulations on sides

Hydrolagus matallanasi Soto & Vooren 2004
in honor of Jesús Matallanas Garcia, University of Barcelona, for his “extensive work and tireless dedication to ichthyology”

Hydrolagus mccoskeri Barnett, Didier, Long & Ebert 2006
in honor of John E. McCosker (b. 1945), California Academy of Sciences, who collected and supplied type to authors

Hydrolagus melanophasma James, Ebert, Long & Didier 2009
melano-, black, referring to color in life; phasma, ghost or specter, alluding to the vernacular “ghostshark” (literally, a black ghost)

Hydrolagus mirabilis (Collett 1904)
wonderful or strange, possibly referring to its large eyes and/or typically strange chimaeroid appearance

Hydrolagus mitsukurii (Jordan & Snyder 1904)
in honor of zoologist Kakichi Mitsukuri (1857-1909), Imperial University of Tokyo, who provided the specimens that Bashford Dean used in a concurrent description (with same name) published a few months later

Hydrolagus novaezealandiae (Fowler 1911)
referring to New Zealand, off whose waters it occurs

Hydrolagus pallidus Hardy & Stehmann 1990
referring to its pallid coloration

Hydrolagus purpurescens (Gilbert 1905)
purple-tinged, referring to its purplish or plum color

Hydrolagus trolli Didier & Séret 2002
in honor of artist Ray Troll (b. 1954), “one of the few true chimaeroid lovers of the world ... for his valiant efforts to increase ratfish awareness worldwide”
Family RHINOCHIMAERIDAE Longnose Chimaeras or Ratfishes
3 genera · 8 species

**Harriotta Goode & Bean 1895**
a-, adjectival suffix: in honor of Thomas Harriott (ca. 1560-1621), English astronomer, mathematician, ethnographer and translator, who published first English work on American natural history (1588)

*Harriotta haeckeli* Karrer 1972
in honor of both the research vessel *Ernst Haeckel*, from which type was collected, and to the eminent zoologist (1834-1919) for whom the ship was named

*Harriotta raleighana* Goode & Bean 1895
in honor of Sir Walter Raleigh (ca. 1554-1618), English aristocrat, writer, poet, soldier, courtier, spy and explorer, who sent first English scientific explorer to the New World

**Neoharriotta Bigelow & Schroeder 1950**
neo, new, i.e., a new genus of *Harriotta*

*Neoharriotta carri* Bullis & Carpenter 1966
in honor of James K. Carr (1914-1980), former Under Secretary, U. S. Department of Interior, for “his great personal interest and counsel in the [Bureau of Commercial Fisheries’] exploratory fishing programs”

*Neoharriotta pinnata* (Schnakenbeck 1931)
pinnatus, winged, possibly referring to its broad pectoral fins

*Neoharriotta pumila* Didier & Stehmann 1996
dwarf, referring to small size at maturity, “making it an apparent dwarf among chimaeroids”

**Rhinochimaera Garman 1901**
a chimaera with rhinos, nose, referring to long, pointed proboscis

*Rhinochimaera africana* Compagno, Stehmann & Ebert 1990
named for both its known distribution around southern Africa and for the Sea Fisheries Research Institute research vessel *Africana*, which collected type

*Rhinochimaera atlantica* Holt & Byrne 1909
-ica, belonging to: referring to distribution in the North Atlantic

*Rhinochimaera pacifica* (Mitsukuri 1895)
-ica, belonging to the Pacific Ocean, described as a Pacific relative of *Harriotta raleighana*