

Table 1. Notothenioid classification and list of species. Arrangement is phylogenetic for families, based on Near et al. (2004) and Near and Cheng (2008), and alphabetical for genera within families and for species within genera. Superfamilies from Voskoboinikova (2004). *Fishes of the Southern Ocean* (Gon and Heemstra, 1990) is starting point for species list with subsequent additions noted. Bovichtids from Hardy (1988), Balushkin (1992) and Bravo et al. (1999); pseudaphritids and eleginopids from Balushkin (1992, 2000); nototheniids from DeWitt et al. (1990), but following Schneppenheim et al. (1994) for the *Lepidonotothen squamifrons* group, and with non-Antarctic species from DeWitt (1966, 1970); harpagiferids from Hureau (1990); artedidraconids from Eakin (1990) with revision of *Pogonophryne* following Balushkin and Eakin (1998); bathydraconids from Gon (1990) and channichthyids from Iwami and Kock (1990). Asterisk (*) indicates non-Antarctic species. Dagger (†) precedes names of species described or resurrected from synonymy after publication of *Fishes of the Southern Ocean* in 1990. Species placed in synonymy since 1990 are underlined in the list but not counted. Other changes since Eastman and Eakin (2000) indicated by footnotes. *Catalog of Fishes* (Eschmeyer, 1998; Eschmeyer and Fricke, 2009, online version) used for authorities and dates in cases of uncertainty. Total count = 131 species (104 Antarctic and 27 non-Antarctic) and 44 genera. Up to date as of January 13, 2010.

Superfamilies, families and species

Bovichtoidea

Bovichtidae (9)

Bovichtus

angustifrons Regan, 1913*
argentinus MacDonagh, 1931*^a
chilensis Regan, 1913*
diacanthus (Carmichael, 1819)*
elongatus Hureau and Tomo, 1977^a
oculus Hardy, 1988*
psychrolutes Günther, 1860*
variegatus Richardson, 1846*
veneris Sauvage, 1879*

Cottoperca trigloides (Forster, 1801)*^b

†*Halaphritis platycephala* Last, Balushkin and Hutchins, 2002*^c

Notothenioidea

Pseudaphritidae (1)

Pseudaphritis urvillii (Valenciennes in Cuvier and Valenciennes, 1832)*

Eleginopidae (1)

Eleginops maclovinus (Cuvier in Cuvier and Valenciennes, 1830)*

Nototheniidae (50)

Aethotaxis mitopteryx DeWitt, 1962

Cryothernia

†*amphitreta* Cziko and Cheng, 2006^d
peninsulae Daniels, 1981

Dissostichus

eleginoides Smitt, 1898
mawsoni Norman, 1937

Gobionotothen

acuta (Günther, 1880)
†*barsukovi* Balushkin, 1991
gibberifrons (Lönnberg, 1905)
marionensis (Günther, 1880)

Gvozdarus svetovidovi Balushkin, 1989

Lepidonotothen

kempi (Norman, 1937)
larseni (Lönnberg, 1905)
macrophthalma (Norman, 1937)*
mizops (Günther, 1880)
nudifrons (Lönnberg, 1905)
squamifrons (Günther, 1880)

Notothenia

angustata Hutton, 1875*
coriiceps Richardson, 1844
cyanobrancha Richardson, 1844
microlepidota Hutton, 1875*
rossii Richardson, 1844

*Pagothenia**borchgrevinki* (Boulenger, 1902)*brachysoma* (Pappenheim, 1912)*Paranotothenia*†*dewitti* Balushkin, 1990*magellanica* (Forster in Bloch and Schneider, 1801)*Patagonotothen**brevicauda* (Lönnberg, 1905)**canina* (Smitt, 1897)**cornucola* (Richardson, 1844)**elegans* (Günther, 1880)**guntheri* (Norman, 1937)*jordani* (Thompson, 1916)*†*kreffti* Balushkin and Stehmann, 1993**longipes* (Steindachner, 1876)**ramsayi* (Regan, 1913)**sima* (Richardson, 1844)**squamiceps* (Peters, 1876)**tessellata* (Richardson, 1845)*†*trigramma* (Regan, 1913)*^c†*thompsoni* Balushkin, 1993**wiltoni* (Regan, 1913) **Pleuragramma antarcticum* Boulenger, 1902*Trematomus**bernacchii* Boulenger, 1902*eulepidotus* Regan, 1914*hansoni* Boulenger, 1902*lepidorhinus* (Pappenheim, 1911)*loennbergii* Regan, 1913*newnesi* Boulenger, 1902*nicolai* (Boulenger, 1902)*pennellii* Regan, 1914*scotti* (Boulenger, 1907)*tokarevi* Andriashev, 1978*vicarius* Lönnberg, 1905**Harpagiferidae (11)***Harpagifer*†*andriashevi* Prirodina, 2000^f*antarcticus* Nybelin, 1947

bispinis (Schneider in Bloch and Schneider, 1801)
 †*crozetensis* Prirodina, 2004^g
georgianus Nybelin, 1947
kerguelensis Nybelin, 1947
 †*macquariensis* Prirodina, 2000^f
 †*nybelini* Prirodina, 2002^h
 †*permitini* Neyelov and Prirodina, 2006ⁱ
palliolatus Richardson, 1845
spinus Hureau, Louis, Tomo and Ozouf, 1980

Artedidraconidae (27)

Artedidraco

†*glareobarbatus* Eastman and Eakin, 1999
loennbergi Roule, 1913
mirus Lönnberg, 1905
oriana Regan, 1914
shackletoni Waite, 1911
skottsbergi Lönnberg, 1905

Dolloidraco longedorsalis Roule, 1913

Histiodraco velifer (Regan, 1914)

Pogonophryne

albipinna Eakin, 1981
barsukovi Andriashev, 1967
 †*bellingshausenensis* Eakin, Eastman and Matallanas, 2008^j
 †*cerebropogon* Eakin and Eastman, 1998
curtilemma Balushkin, 1988
dewitti Eakin, 1988
dolichobranchiata Andriashev, 1967
 †*eakini* Balushkin, 1999
 †*fusca* Balushkin and Eakin, 1998
immaculata Eakin, 1981
lanceobarbata Eakin, 1987
macropogon Eakin, 1981
marmorata Norman, 1938
mentella Andriashev, 1967
 †*orangiensis* Eakin and Balushkin, 1998
orcadensis Tomo, 1981
permitini Andriashev, 1967
phyllopogon Andriashev, 1967
platypogon Eakin, 1988
scotti Regan, 1914

†*stewarti* Eakin, Eastman and Near, 2009^k
 †*squamibarbata* Eakin and Balushkin, 2000
velifera Eakin, 1981
ventrimaculata Eakin, 1987

Bathydraconidae (16)

†*Acanthodraco dewitti* Skóra, 1995

Akarotaxis nudiceps (Waite, 1916)

Bathydraco

antarcticus Günther, 1878

joannae DeWitt, 1985

macrolepis Boulenger, 1907

marri Norman, 1938

scotiae Dollo, 1906

Cygnodraco mawsoni Waite, 1916

Gerlachea australis Dollo, 1900

Gymnodraco acuticeps Boulenger, 1902

Parachaenichthys

charcoti (Vaillant, 1906)

georgianus (Fischer, 1885)

Prionodraco evansii Regan, 1914

Psilodraco breviceps Norman, 1937

Racovitzia glacialis Dollo, 1900

Vomeridens infuscipinnis (DeWitt, 1964)

Channichthyidae (16)

Chaenocephalus aceratus (Lönnberg, 1906)

Chaenodraco wilsoni Regan, 1914

Champscephalus

esox (Günther, 1861)

gunnari Lönnberg, 1905

Channichthys rhinoceratus Richardson, 1844

Chionobathyscus dewitti Andriashev and Neelov, 1978

Chionodraco

hamatus (Lönnberg, 1905)

myersi DeWitt and Tyler, 1960

rastrospinosus DeWitt and Hureau, 1979

Cryodraco

antarcticus Dollo, 1900

†*atkinsoni* Regan, 1914^l

Dacodraco hunteri Waite, 1916

Neopagetopsis ionah Nybelin, 1947

Pagetopsis

macropterus (Boulenger, 1907)

maculatus Barsukov and Permitin, 1958

Pseudochaenichthys georgianus Norman, 1937

^aBravo et al. (1999) placed these two species in the synonymy of *Bovichtus chilensis*. Eastman and Eakin (2000) were unaware of this paper when compiling their 2000 list.

^bThis is a change from Eastman and Eakin (2000). We now follow Balushkin (1992, 2000) and Eschmeyer and Fricke (2009) in considering *Cottoperca gobio* (Günther, 1861) as a junior synonym of *C. trigloides* (Forster in Bloch and Schneider, 1801).

^cLast et al. (2002).

^dCziko and Cheng (2006).

^eNot included in previous lists; the status of this species is uncertain but it is treated here as valid; it is widely recognized by South American ichthyologists, e.g., García and Menni (1996) and Ojeda et al. (2000) and has recently been collected off West Falkland Island (Paul Brickle, Fisheries Department, Falkland Islands Government, personal communication, 2005).

^fPrirodina (2000).

^gPrirodina (2004).

^hPrirodina (2002).

ⁱNeyelov and Prirodina (2006).

^jEakin et al. (2008).

^kEakin et al. (2009).

^lLa Mesa et al. (2002).

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