

Catalog of Fishes Errata January 2019

Dennis Polack Fishwisepro

nivosus, *Paralichthys simulans* var. Lahille [F.] 1939:Pl. 7 [Physis (Buenos Aires) v. 16; ref. [21719](#)] Not available, see account of *Paralichthys simulans* Lahille 1939. •In the synonymy of *Paralichthys simulans* Lahille 1939 -- (Díaz de Astarloa et al. 2006:237 [ref. [28684](#)]). •In the synonymy *Paralichthys orbignyanus* (Valenciennes 1839) based on placement of *simulans*. **Current status:** Synonym of *Paralichthys*

arbignyanus (Valenciennes 1839). Paralichthyidae.

orbignyanus

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segoseri, *Coregonus larvaetus arnoldi* natio Pravdin [I. F.] 1950:76 [Izvestiya Karelo-finskoi bazy Akedemii Nauk SSSR, Petrozavodsk No. 1.; ref. [27405](#)] Original not seen. Not available, infrasubspecific; from Lake Segozero, Karelia, Russia. Salmonidae: Coregoninae.

lavaretus

:

japonicus simplex, *Carassius auratus* var. Zernecke [E.] 1897:142 [Leitfaden für Aquarien- und Terrarienfrenunde; ref. [34768](#)] Domesticated aquarium form. No types known. •Synonym of *Carassius auratus* (Linnaeus 1758). **Current status:** Synonym of *Carassius auratus* (Linnaeus 1758). Cyprinidae: Cyprininae. Habitat: freshwater.

simplex, *Carassius auratus japonicas*

:

segosericus, *Coregonus larvaetus pallasi* natio Pravdin [I. F.] 1950:74 [Izvestiya Karelo-finskoi bazy Akedemii Nauk SSSR, Petrozavodsk No. 1.; ref. [27405](#)] Not available, infrasubspecific; from Lake Segozero, Karelia, Russia. Salmonidae: Coregoninae.

lavaretus

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***Pleuronectoides* is mentioned twice in Species but is not found in genera. For completeness sake I think it should be added to genera or removed from species**

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ater, *Leptosoma* Nardo [G. D.] 1827:32, 39 (no. 139) [Giornale di fisica, chimica e storia naturale, medicina, ed arti. (series 2) Dec. II, v. 10; ref. [3146](#)] Adriatic Sea (Mediterranean Sea). No types known. Also in Nardo 1827:col. 481 and 487 [ref. [19740](#)]. Unneeded new name for and objective synonym of ***Pleuronectoides solea*** Nardo 1824. Also seen as *Leptosoma atrum* and *Leptosoma atra*. •Incertae sedis in Pleuronectidae -- (Evseenko 2004:28 [ref. [27606](#)]). Pleuronectidae. Habitat: marine.

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solea, *Pleuronectoides* Nardo [G. D.] 1824:233 [Giornale di fisica, chimica e storia naturale, medicina, ed arti. (series 2) v. 7; ref. [3144](#)] Adriatic Sea (Mediterranean Sea). No types known. Apparently an overlooked genus and species, not *Pleuronectes solea* Linnaeus, which Nardo treats on p. 232. Renamed *Leptosoma ater* in Nardo 1827:32, 39 [ref. [3146](#)]. •Incertae sedis in Pleuronectidae -- (Evseenko 2004:28 [ref. [27606](#)]). Pleuronectidae. Habitat: marine.

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Some queries on *Synchiropus*

Acommissura (subgenus of *Synchiropus*) Fricke [R.] 2016:9 [Journal of Natural History v. 80 (no. 3); ref. [34659](#)] Neut. *Synchiropus sechellensis* Regan 1908. Type by original designation. •Valid as *Synchiropus* Gill 1859, **subgenus Acommissura** Fricke 2016. •Synonym of *Synchiropus* Gill 1859. **Current status:** Synonym of *Synchiropus* Gill 1859. Callionymidae.

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Anaoroides (subgenus of *Synchiropus*) Fricke [R.] 1981:149 [v. 1; ref. [1499](#)] Masc. *Synchiropus zamboangana* Seale 1910. Type by original designation (also monotypic). •Synonym of *Synchiropus* Gill 1859, but a valid **subgenus Anaoroides** as described -- (Fricke 1982:78 [ref. [5432](#)], Fricke 1983:563, 681 [ref. [8349](#)], Fricke 2002:52, 103 [ref. [26547](#)]). **Current status:** Synonym of *Synchiropus* Gill 1859. Callionymidae.

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Eocallionymus Nakabo [T.] 1982:89 [Publications of the Seto Marine Biological Laboratory v. 27 (no. 1/3); ref. [3139](#)] Masc. *Callionymus papilio* Günther 1864. Type by original designation (also monotypic). You may use *Eocallionymus* Nakabo 1982 or *Synchiropus* Gill 1859; authors differ. •Synonym of *Synchiropus* Gill 1859 -- (Fricke 1982:74 [ref. [5432](#)], Fricke 1983:563 [ref. [8349](#)]). •Synonym of *Synchiropus* Gill 1859, but a valid **subgenus Eocallionymus** -- (Fricke 2002:52, 103 [ref. [26547](#)]). •Valid as *Eocallionymus* 1982 -- (Houde 1984:637 [ref. [13674](#)], Gomon et al. 1994:775 [ref. [22532](#)], Hoese & Bray 2006:1582 [ref. [29000](#)], Gomon & Yearsley 2008:742 [ref. [30631](#)]). **Current status:** Synonym of *Synchiropus* Gill 1859. Callionymidae.

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Foetorepus Whitley [G. P.] 1931:323 [Australian Zoologist v. 6 (pt 4); ref. [4672](#)] Masc. *Callionymus calauropomus* Richardson 1844. Type by original designation. •Synonym of *Synchiropus* Gill 1859 -- (Fricke 1981:18 [ref. [1499](#)], Fricke 1982:74 [ref. [5432](#)], Fricke 1983:563 [ref. [8349](#)]). •Synonym of *Synchiropus* Gill 1859, but a valid **subgenus Foetorepus** -- (Fricke 2002:51, 102 [ref. [26547](#)]). •Valid as *Foetorepus* Whitley 1931 -- (Houde 1984:637 [ref. [13674](#)], Nakabo in Masuda et al. 1984:343 [ref. [6441](#)], Nakabo 1987 [ref. [6375](#)], Nakabo & McKay 1989 [ref. [16169](#)], Gomon et al. 1994:777 [ref. [22532](#)], Nakabo & Hartel 1999:114 [ref. [23704](#)], Hartel & Nakabo 2003:1776 [ref. [27110](#)], Hoese & Bray 2006:1583 [ref. [29000](#)], Gomon & Yearsley 2008:743 [ref. [30631](#)], Kottelat 2013:385 [ref. [32989](#)], Struthers 2015:1558 [ref. [34302](#)]). **Current status:** Synonym of *Synchiropus* Gill 1859. Callionymidae.

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Minysynchiropus Nakabo [T.] 1982:94 [Publications of the Seto Marine Biological Laboratory v. 27 (no. 1/3); ref. [3139](#)] Masc. *Synchiropus laddi* Schultz 1960. Type by original designation (also monotypic). May use **Minsynchoropus** or *Synchirpopus*; authors differ. •Synonym of *Synchiropus* Gill 1859 -- (Fricke 1982:74 [ref. [5432](#)], Fricke 1983:564 [ref. [8349](#)]). •Synonym of *Synchiropus* Gill 1859, but a valid **subgenus Minysynchiropus** -- (Fricke 2002:52, 103 [ref. [26547](#)]). •Valid as *Minysynchiropus* Nakabo 1982 -- (Houde 1984:637 [ref. [13674](#)], Nakabo in Masuda et al. 1984:344 [ref. [6441](#)], Hoese & Bray 2006:1584 [ref. [29000](#)]). **Current**

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Orbonymus Whitley [G. P.] 1947:150 [Australian Zoologist v. 11 (pt 2); ref. [4708](#)] Masc. *Callionymus (Calliurichthys) rameus* McCulloch 1926. Type by original designation (also monotypic). •Synonym of *Synchiropus* Gill 1859, but a valid **subgenus Orbonymus** -- (Fricke 1981:20 [ref. [1499](#)], Fricke 1982:78 [ref. [5432](#)], Fricke 1983:563, 684 [ref. [8349](#)], Fricke 2002:51, 103 [ref. [26547](#)]). •Valid as *Orbonymus* Whitley 1947 -- (Nakabo 1982:100 [ref. [3139](#)], Houde 1984:637 [ref. [13674](#)], Hoese & Bray 2006:1586 [ref. [29000](#)]). **Current status:** Synonym of *Synchiropus* Gill 1859. Callionymidae.

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Pterosynchiropus Nakabo [T.] 1982:93 [Publications of the Seto Marine Biological Laboratory v. 27 (no. 1/3); ref. [3139](#)] Masc. *Callionymus splendidus* Herre 1927. Type by original designation (also monotypic). •Synonym of *Synchiropus* Gill 1859 -- (Fricke 1982:74 [ref. [5432](#)], Fricke 1983:564 [ref. [8349](#)]). •Synonym of *Synchiropus* Gill 1859, but a valid **subgenus *Pterosynchiropus*** -- (Fricke 2002:52, 103 [ref. [26547](#)]). •Valid as *Pterosynchiropus* Nakabo 1982 -- (Houde 1984:637 [ref. [13674](#)], Nakabo in Masuda et al. 1984:344 [ref. [6441](#)], Hoese & Bray 2006:1588 [ref. [29000](#)]). **Current status:** Synonym of *Synchiropus* Gill 1859. Callionymidae.

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Synchiropus Gill [T. N.] 1859:129 [Proceedings of the Academy of Natural Sciences of Philadelphia v. 11; ref. [1761](#)] Masc. *Callionymus lateralis* Richardson 1844. Type by subsequent designation. Type designated by Bleeker 1879:80 [ref. [458](#)]. •Valid as *Synchiropus* Gill 1859 -- (Lindberg & Krasnyukova 1975:228 [ref. [7348](#)], Fricke 1981:18 [ref. [1499](#)], Nakabo 1982:98 [ref. [3139](#)], Fricke 1983:563 [ref. [8349](#)], Houde 1984:637 [ref. [13674](#)], Zaiser & Fricke 1985 [ref. [5267](#)], Fricke in Whitehead et al. 1986:1093 [ref. [13677](#)], Fricke 1986:773 [ref. [5653](#)], Fricke 1993:371 [ref. [22077](#)], Fricke 2001:3550 [ref. [26292](#)], Fricke 2002:51 [ref. [26547](#)] with date as 1860, Ng & Rainboth 2011:67 [ref. [31577](#)], Allen & Erdmann 2012:9 [ref. [31759](#)], Ng 2012:35 [ref. [31795](#)], Gökoğlu et al. 2014:440 [ref. [33365](#)], Tea & Gill 2016:85 [ref. [34800](#)], Robertson et al. 2017:97 [ref. [35676](#)], Fricke et al. 2018:316 [ref. [35805](#)], Golani & Fricke 2018:146 [ref. [36273](#)]). **Current status:** Valid as *Synchiropus* Gill 1859. Callionymidae.

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Yerutius Whitley [G. P.] 1931:115 [Records of the Australian Museum v. 18 (no. 3); ref. [4673](#)] Masc. *Callionymus apricus* McCulloch 1926. Type by original designation. •Synonym of *Synchiropus* Gill 1859, but a valid **subgenus *Yerutius*** -- (Fricke 1981:18 [ref. [1499](#)], Fricke 1982:74 [ref. [5432](#)], Fricke 1983:563, 566 [ref. [8349](#)], Fricke 2002:51, 102 [ref. [26547](#)]). •Synonym of *Foetorepus* Whitley 1931 -- (Nakabo 1982:87 [ref. [3139](#)]). **Current status:** Synonym of *Synchiropus* Gill 1859. Callionymidae.

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Neosynchiropus Nalbant [T. T.] 1979:349 [Travaux du Muséum d'Histoire Naturelle "Grigore Antipa" v. 20 (no. 1); ref. [3142](#)] Masc. *Neosynchiropus bacescui* Nalbant 1979. Type by original designation (also monotypic). Fricke says date is 1980 rather than 1979 [not investigated]. •Synonym of *Synchiropus* Gill 1859 -- (Fricke 2002:51 [ref. [26547](#)]). •Valid as *Neosynchiropus* Nalbant 1979 -- (Fricke 1982:73 [ref. [5432](#)], Fricke 1983:554 [ref. [8349](#)], Iwatsubo & Motomura 2010:65 [ref. [31555](#)]). •Synonym of *Synchiropus* Gill 1859, but a valid **subgenus *Neosynchiropus*** Nalbant 1979 -- (Fricke 2016:7 [ref. [34659](#)]). **Current status:** Synonym of Status (***Neosynchiropus***) Nalbant 1979. Callionymidae.

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**We have 9 valid subgenera for Synchiropus
In Current Status we only show *Neosynchiropus* see above. Why
not the others?**

**As far as I can determine, this is the only place where a subgenus
has been included in the Current Status.**

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**Do we also have nominal subgenus Synchiropus ?
and do we have nominal subfamilies ?**

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Rubicundus Fernholm [B.], Norén [M.], Kullander [S. O.], Quattrini [A. M.], Zintzen [V.] (**etc.**) 2013:7 [Journal of Zoological Systematics and Evolutionary Research = Zeitschrift für zoologische Systematik und Evolutionsforschung v. 51 (no. 4); ref. [32793](#)] Masc. *Eptatretus rubicundus* Kuo, Lee & Mok 2010. Type by original designation.

•Valid as **Rubicundus Fernholm, Norén, Kullander, Quattrini, Zintzen, Roberts, Mok, Kuo 2013 -- (Zintzen et al. 2015:376 [ref. [33803](#)])**. Current status: **Valid as Rubicundus Fernholm, Norén, Kullander, Quattrini, Zintzen (etc.)**. Myxinidae: Rubicundinae. et al.

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•Valid as **Rubicundus – (Fernholm, Norén, Kullander, Quattrini, Zintzen, Roberts, Mok, Kuo 2013, Zintzen et al. 2015:376 [ref. [33803](#)])**.

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Valid as Rubicundus Fernholm, Norén, Kullander, Quattrini, Zintzen et al. 2013. Myxinidae: Rubicundinae.

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seychellensis, Pseudupeneus Smith [J. L. B.] & Smith [M. M.] 1963:22, Pl. 88 (fig. B) [The fishes of Seychelles; ref. [5319](#)] Mahé, Seychelles. Holotype: SAIAB [formerly RUSI] 32. Paratypes: SAIAB [formerly RUSI] (not **researched**). Described in more detail by Smith 1963:36 [ref. [32120](#)]. •Synonym of *Parupeneus cinnabarinus* (Cuvier 1829) -- (Ben-Tuvia 1986:611 [ref. [5641](#)]). •Synonym of *Parupeneus heptacanthus* (Lacepède 1802) -- (Randall 2004:30 [ref. [28086](#)], Randall 2005:297 [ref. [28239](#)], Kottelat 2013:361 [ref. [32989](#)]). •Valid as *Parupeneus seychellensis* (Smith & Smith 1963) -- (Randall & Heemstra 2009:40 [ref. [30542](#)], Uiblein et al. 2017:558 [ref. [35672](#)]). **Current status:** Valid as *Parupeneus seychellensis* (Smith & Smith 1963). Mullidae. Distribution: Seychelles. Habitat: marine.

researched

:

Doryichthys Duncker [G.] 1910:27 [Spolia Zeylanica v. 7 (pt 25); ref. [14841](#)] Masc. **Synganthus cunocalus** Hamilton 1822 Type by subsequent designation. •Junior homonym and junior objective synonym of *Doryichthys* Kaup 1853 -- (Kottelat 2013:306 [ref. [32989](#)]). **Current status:** Synonym of *Microphis* Kaup 1853. Syngnathidae: Nerophinae.

Syngnathus

:

Wuhanlinigobius Huang [S.-P.], Zeehan [J.] & Chen [I-S.] 2014:148 [Journal of Marine Science and Technology v. 21, Suppl. (for 2013); ref. [33157](#)]

Masc. **Polylogobius polylepis** Wu & Ni 1985. Type by original designation. •Valid as *Wuhanlinigobius* Hueng, Zeehan & Chen 2014 -- (Zhang et al. 2016:208 [ref. [34477](#)] dated 2013). **Current status:** Valid as *Wuhanlinigobius* Huang, Zeehan & Chen 2014. Gobiidae: Gobionellinae.

Mugilogobius or Wuhanlinigobius

:

Panderiella Kasatkina [A. P.] 2000:373 [Doklady Akademii Nauk SSSR v. 373 (no. 5); ref. [27920](#)] Fem. **Panderella viva** Kasatkina 2000. Type by monotypy. Described as a living fossil euconodont, in a new class, family, genus and species. According to C. F. Kammerer (pers. comm. 7/30/2002), this is a damaged specimen of the genus *Cyclothone*! •Synonym of *Cyclothone* Goode & Bean 1883 -- (Castellanos-Galindo et al. 2006:259 [ref. [28944](#)], Parin et al. 2014:143 [ref. [33547](#)]). **Current status:** Synonym of *Cyclothone* Goode & Bean 1883. Gonostomatidae.

Panderiella

:

Neoanguilla Shrestha [T. K.] 2008:236 [Ichthyology of Nepal; ref. [29923](#)]

Fem. **Neoanguilla nepalensis** Shrestha 2008. Type by monotypy.

Genus *Neoanguilla* and species *nepalensis* described provisionally from one specimen. Not available on Art. 16. Author intends to redescribe when more specimens are available. **Current status:** Synonym of *Anguilla* Schrank 1798. Anguillidae.

Neoanguilla

:

Echidna Forster [J. R.] 1788:81 [Enchiridion historiae naturali inserviens; ref. [1354](#)]

Fem. **Mureana echidna** Gmelin 1789. No type species mentioned. The assumed type species *Echidna variegata* Forster is an unavailable name; type apparently *Muraena echidna* Gmelin 1789 = *Muraena nebulosa* Ahl 1789 by virtual tautonymy according to Böhlke & Randall 2000:216 [ref. [24493](#)]. Kottelat maintains that the type was selected by Walbaum 1792; whereas Gmelin says, "Is it, as Forester says, a distinct genus" (but the genus was not mentioned), At that time, there is no doubt which genus was meant.

•Valid as *Echidna* Forster 1788 -- (Hatooka in Masuda et al. 1984:25 [ref. [6441](#)], Castle & McCosker 1986:166 [ref. [5645](#)], Paxton et al. 1989:127 [ref. [12442](#)], Böhlke et al. 1989:130 [ref. [13286](#)], Chen et al. 1994:45 [ref. [22258](#)], Böhlke et al. 1999:1646 [ref. [24692](#)], Böhlke & Randall 2000:216 [ref. [24493](#)], Böhlke & Smith 2003:704 [ref. [26990](#)], Allen et al. 2006:246 [ref. [29005](#)], Imamura 2009:17 [ref. [30434](#)], Zhang et al. 2010:243 [ref. [31511](#)], Smith 2012:5 [ref. [32155](#)], Kottelat 2013:41 [ref. [32989](#)], Fricke et al. 2018:33 [ref. [35805](#)], Golani & Fricke 2018:19 [ref. [36273](#)]). **Current status:** Valid as *Echidna* Forster 1788. Muraenidae: Muraeninae.

Muraena

:

Megaderus Rafinesque [C. S.] 1815:220 [Analyse de la nature; ref. [3584](#)]

Masc. **Mureana echidna** Gmelin 1789. Appears in "Additions et Corrections" on p. 220, referring back to p. 93. An available but unneeded replacement name for *Echidna* Forster 1788. •Objective synonym of *Echidna* Forster 1788 -- (Böhlke et al. 1989:130 [ref. [13286](#)], Böhlke & Randall 2000:216 [ref. [24493](#)], Smith 2012:5 [ref. [32155](#)], Kottelat 2013:41 [ref. [32989](#)]). **Current status:** Synonym of *Echidna* Forster 1788. Muraenidae: Muraeninae.

Muraena

:

Macrorhynchus Lacepède [B. G. E.] in Duméril 1806:342 [Dictionnaire des sciences

Naturelles; ref. [1152](#)] Masc. **Macrorhinque argentee** Lacepède 1806

(= *Sygnathus argenteus* Osbeck 1765). *Macrorinchus* and *Macrorhynchus* of authors are misspellings or incorrect subsequent spellings. Questionably the same

as *Promethichthys* Gill 1893 -- (Fowler MS). •Synonym of *Promethichthys* Gill

1893. **Current status:** Synonym of *Promethichthys* Gill 1893. Gempylidae.

Macrorhinque argentee - Not sure what this was meant to be

:

Iotabrycon Roberts [T. R.] 1973:491 [Bulletin of the Museum of Comparative Zoology

v. 144 (no. 8); ref. [3776](#)] Masc. **Iotabrycon praecox** Roberts 1973. Type by original designation (also monotypic). •Valid as *Iotabrycon* Roberts 1973 -- (Géry 1977:359

[ref. [1597](#)], Weitzman & Fink 1985:1 et seq. [ref. [5203](#)], Weitzman & Menezes 1998:187

[ref. [23843](#)], Weitzman in Reis et al. 2003:224 [ref. [27061](#)], Mirande 2009:8

[ref. [30267](#)] in Characidae, Stevardiinae, Zarske 2010:84 [ref. [30919](#)], Mirande

2010:533 [ref. [31006](#)], Thomaz et al. 2015:4 [ref. [33893](#)] Stevardiinae, tribe

Xenurobryconini). **Current status:** Valid as *Iotabrycon* Roberts 1973. Characidae:

Stevardiinae.

Iotabrycon

:

Mooreichthys (subgenus of *Etheostoma*) Stephens [R. R.], Johnson [K. A.] & Grady [M. P.] 2014:542 [Copeia 2014 (no. 3); ref. [33552](#)] Masc. **Hydropterus** *sellaris* Radcliffe & Welsh 1913. Type by original designation (also monotypic). •Synonym of *Mooreichthys* Stephens, Johnson & Grady 2014, but a subgenus of *Etheostoma* Rafinesque 1819. **Current status:** Synonym of *Etheostoma* Rafinesque 1819. Percidae: Etheostomatinae.

Hadropterus

:

Scorpaenichthys Girard [C. F.] 1854:131 [Proceedings of the Academy of Natural Sciences of Philadelphia v. 7; ref. [1817](#)] Masc. **Hemitripteras** *marmoratus* Ayres 1854. Type by monotypy. See Lea & Eschmeyer 1988 [ref. [12249](#)] and Opinion 1583 in Appendix B in Eschmeyer et al. 1990 [ref. [26735](#)]; genus name on Official List with type species as given above. Correct spelling of the genus of the type species is *Hemitripterus*. •Valid as *Scorpaenichthys* Girard 1854 -- (Washington et al. 1984:443 [ref. [13660](#)], Yabe 1985:111 [ref. [11522](#)], Mecklenburg et al. 2002:400 [ref. [25968](#)], Pietsch & Orr 2015:44 [ref. [34694](#)]). **Current status:** Valid as *Scorpaenichthys* Girard 1854. Cottidae.

Hemitripterus

:

Photoplagios Sparks [J. S.], Dunlap [P. V.] & Smith [W. L.] 2005:314 [Cladistics v. 21 (no. 4) (for Aug. 2005); ref. [28434](#)] Masc. **Equilla** *elongata* Günther 1874. Type by original designation. •Synonym of *Equulites* Fowler 1904 -- (Kimura et al. 2008:204-205 [ref. [29614](#)], Kottelat 2013:337 [ref. [32989](#)]). •Valid as *Photoplagios* Sparks, Dunlap & Smith 2005 -- (Sparks 2006:1 [ref. [28783](#)], Sparks & Chakrabarty 2007: 622 [ref. [29261](#)], Chakrabarty & Sparks 2008:2 [ref. [29788](#)], Fricke et al. 2018:191 [ref. [35805](#)]). **Current status:** Valid as *Photoplagios* Sparks, Dunlap & Smith 2005. Leiognathidae.

Equula

:

Dolichopteroides Parin [N. V.], Belyanina [T. N.] & Evseenko [S. A.] 2009:847, 848 [Journal of Ichthyology v. 49 (no. 10); ref. [30628](#)] Masc. **Dolichopterus** *binocularis* Beebe 1932. Type by original designation (also monotypic). Type species established in Acknowledgments (p. 839). •Valid as *Dolichopteroides* Parin, Belyanina & Evseenko 2009. **Current status:** Valid as *Dolichopteroides* Parin, Belyanina & Evseenko 2009. Opisthoproctidae.

Dolichopteryx or **Dolichopteroides**

:

Membracidichthys Whitley [G. P.] 1933:102 [Records of the Australian Museum v. 19 (no. 1); ref. [4677](#)] Masc. **Cocotropus** *obbesi* Weber 1913. Type by original designation (also monotypic). Genus of type species should have been *Cocotropus*. •Synonym of *Paraploactis* Bleeker 1864 -- (Poss & Eschmeyer 1978:405 [ref. [6387](#)], Mandrytsa 2001:268 [ref. [25636](#)], Prokofiev 2012:335 [ref. [32052](#)]). **Current status:** Synonym of *Paraploactis* Bleeker 1864. Aploactinidae.

Cocotropus

:

Ptarmus Smith [J. L. B.] 1947:816 [Annals and Magazine of Natural History (Series 11) v. 13 (no. 108) (art. 77); ref. [4073](#)] Masc. **Cocotropus** *jubatus* Smith 1935. Type by original designation. •Valid as *Ptarmus* Smith 1947 -- (Washington et al. 1984:441 [ref. [13660](#)], Poss 1986:480 [ref. [6296](#)], Mandrytsa 2001:268 [ref. [25636](#)], Fricke 2016:72 [ref. [34523](#)], Fricke et al. 2017:7 [ref. [35454](#)], Golani & Fricke 2018:57 [ref. [36273](#)]). **Current status:** Valid as *Ptarmus* Smith 1947. Aploactinidae.

Cocotropus

:

Chindongo Li [S.], Konings [A. F.] & Stauffer [J. R., Jr.] 2016:372 [Zootaxa 4168 (no. 2); ref. [34737](#)] Masc. **Chidongo** *bellicosus* Li, Konings & Stauffer 2016. Type by original designation. •Valid as *Chindongo* Li, Konings & Stauffer 2016. **Current status:** Valid as *Chindongo* Li, Konings & Stauffer 2016. Cichlidae: Pseudocrenilabrinae.

Chindongo

:

Epiceratodus Teller [F. J.] 1891:37 [Abhandlungen der Kaiserlich-Königlichen Geologischen Reichsanstalt Wien v. 15 (pt 3); ref. [4369](#)] Masc. **Ceratodus** *forsteri* Krefft 1870. Type by monotypy. **The genus *Ceratodus* is not included since its type species is based on a fossil.** •Synonym of *Neoceratodus* Castelnau 1876 -- (Paxton et al. 1989:102 [ref. [12442](#)], Allen & Cross 2006:212 [ref. [29003](#)]). **Current status:** Synonym of *Neoceratodus* Castelnau 1876. Neoceratodontidae.

:

Ferrarissoaresia (subgenus of *Centromochlus*) Grant [S.] 2015:3 [Ichthyofile No. 3; ref. [33806](#)] Fem. **Centromuchlus** *meridionalis* Sarmento-Soares, Cabeceira, Carvalho, Zuanon & Akama 2013. Type by original designation (also monotypic). •Synonym of *Centromochlus* Kner 1858. **Current status:** Synonym of *Centromochlus* Kner 1858. Auchenipteridae: Centromochlinae.

Centromochlus

:

Branderius Rafinesque [C. S.] 1815:93 [Analyse de la nature; ref. [3584](#)] Masc. **Cecilia** *branderiana* Lacepède 1800 (= *Muraena caeca* Linnaeus 1758). Type by being a replacement name. As "*Branderius* R. [Rafinesque] *Cecilia* Lac. [Lacepède]." Available replacement for *Caecilia* Lacepède 1800 (preoccupied by *Caecilia* Linnaeus 1758 in Amphibia); earlier replaced by *Typhlotes* Fischer von Waldheim 1813. •Synonym of *Apterichtus* Duméril 1805 -- (Blache et al. 1973:248 [ref. [7185](#)], McCosker 1977:65 [ref. [6836](#)], McCosker et al. 1989:318 [ref. [13288](#)], McCosker & Hibino 2015:50 [ref. [33725](#)]). **Current status:** Synonym of *Apterichtus* Duméril 1805. Ophichthidae: Ophichthinae.

Caecilia

:

Hippocephalus Swainson [W.] 1839:181, 272 [The natural history and classification v. 2; ref. [4303](#)] Masc. **Aspidorphorus** *superciliosus* Cuvier 1829. Type by subsequent designation. Type designated by Gill 1861:167 [ref. [1775](#)]. •Synonym of *Percis* Scopoli 1777 -- (Lindberg & Krasnyukova 1987:276 [ref. [15964](#)], Kanayama 1991:26 [ref. [19261](#)], Sheiko 1993:79 [ref. [21227](#)], Parin et al. 2002:S100 [ref. [28300](#)], Sheiko & Mecklenburg 2004:3 [ref. [27591](#)], Parin et al. 2014:292 [ref. [33547](#)]). **Current status:** Synonym of *Percis* Scopoli 1777. Agonidae: Hypsagoninae.

Aspidorphorus

:

Hemimarsupium Kaup [J. J.] 1853:234 [Archiv für Naturgeschichte v. 19 (pt. 1); ref. [2569](#)] Neut. *Hemimarsupium* *goudotii* Kaup 1853. **monotypy**. Treated as a nomen nudum by Dawson 1984:124 [ref. [5879](#)], in synonymy of *Microphis* (*Coelonotus*). Type listed by Jordan 1919:272 [ref. [2410](#)] as *Typhlus* *gondotii* [sic *goudoti*] but that name apparently never published in an available way and renamed *Syngnathus leiaspis* by Bleeker (in part). *Hemithylacus* Kaup 1856 is the same as *Hemimarsupium*. •In the synonymy of *Coelonotus* Peters 1855. **Current status:** Synonym of *Coelonotus* Peters 1855. Syngnathidae: Syngnathinae.

Type by monotypy

:

Acara Heckel [J. J.] 1840:338 [Annalen des Wiener Museums der Naturgeschichte v. 2; ref. 2064] Masc. *Acara* **crassispinnis** Heckel 1840. Type by subsequent designation. Type apparently first restricted by Gill 1858:19 [ref. 1750] (see Eigenmann 1910:470-471 [ref. 1224]). •Synonym of *Astronotus* Swainson 1839 -- (Kullander 1986:60 [ref. 12439], Kullander in Reis et al. 2003:617 [ref. 27061]). **Current status:** Synonym of *Astronotus* Swainson 1839. Cichlidae: Cichlinae.

crassispinnis

:

Pseudalutarius Bleeker [P.] 1865:273 [Nederlandsch Tijdschrift voor de Dierkunde v. 2; ref. 415] Masc. **Aluterus** *nasicornis* Temminck & Schlegel 1850. Type by monotypy. May date to Bleeker 1865:183 [ref. 414] with same type. Also in Bleeker 1869:100, 139 [ref. 416] with spelling *Pseudalutares*. Correct spelling for genus of type species is *Aluterus*. •Valid as *Pseudalutarius* Bleeker 1865 -- (Matsuura 1979:165 [ref. 7019], Tyler 1980:176 [ref. 4477] as *Pseudaluteres*, Arai 1983:200 [ref. 14249], Aboussouan & Leis 1984:452 [ref. 13661], Matsuura in Masuda et al. 1984:361 [ref. 6441], Hutchins 1986:886 [ref. 5673], Matsuura & Tyler 1997:190 [ref. 23219], Lindberg et al. 1997:74 [ref. 23547], Hutchins 2001:3930 [ref. 26316] as *Pseudaluteres*, Allen et al. 2006:1896 [ref. 29098], Matsuura 2014:13 [ref. 33576], Fricke et al. 2018:381 [ref. 35805]). **Current status:** Valid as *Pseudalutarius* Bleeker 1865. Monacanthidae.

Alutera / Pseudalutarius

:

Apterurus Rafinesque [C. S.] 1810:48, 62 [Indice d'ittiologia siciliana; ref. 3595] Masc. *Apterurus* **fabronii** Rafinesque 1810 (= *Raia fabroniana* Lacepède 1800). Type by monotypy. •Synonym of *Mobula* Rafinesque 1810 -- (Krefft & Stehmann 1973:77 [ref. 7167], Cappetta 1987:177 [ref. 6348]). **Current status:** Synonym of *Mobula* Rafinesque 1810. Mobulidae.

fabronii

:

Aptocyclus De la Pylaie [A. J. M.] 1835:528 [Congrès Scientifique de France v. 2 (Sept. 1834) (art. 5); ref. 1086] Masc. **Aptocyclus ventricosus De la Pylaie 1835**. Type by monotypy. Type by monotypy; second included species without distinguishing features. •Valid as *Aptocyclus* De la Pylaie 1835 -- (Lindberg & Legeza 1955:433 [ref. 2785], Ueno 1970:132 [ref. 26199], Kido in Masuda et al. 1984:337 [ref. 6441], Lindberg & Krasnyukova 1987:369 [ref. 15964], Mecklenburg et al. 2002:556 [ref. 25968], Parin et al. 2002:S103 [ref. 28300], Mecklenburg & Sheiko 2003:3 [ref. 27295], Mecklenburg et al. 2011:127 [ref. 31212], Shinohara et al. 2011:46 [ref. 31715], Parin et al. 2014:303 [ref. 33547], Oku et al. 2017:52 [ref. 35060]). **Current status:** Valid as *Aptocyclus* De la Pylaie 1835. Cyclopteridae: Liparopsinae.

There appears to be no reference to *Aptocyclus ventricosus* De la Pylaie 1835 in the Species table. This might be an error.

:

Cisco (subgenus of *Leucichthys*) Jordan [D. S.] & Evermann [B. W.] 1911:3 [Bulletin of the Bureau of Fisheries v. 29 (for 1909); ref. 2452] Masc. **Argyrosomus nigripinnis Hoy 1872**. Type by original designation. •Synonym of *Coregonus* Linnaeus 1758, but a valid subgenus *Cisco* as described -- (Bogutskaya & Naseka 2004:133 [ref. 28183]). **Current status:** Synonym of *Coregonus* Linnaeus 1758. Salmonidae: Coregoninae.

Argyrosomus nigripinnis Hoy 1872. Apparently not available from Hoy 1872 possibly should be Milner [J. W.] (ex Gill) 1874

:

Aspidobagrus Bleeker [P.] 1862:9 [Atlas ichthyologique des Indes Orientales Néerlandaises; ref. [393](#)] Masc. **Bagrus gulio** Hamilton 1822. Type by original designation (also monotypic). Apparently dates to p. 9 in part 6 (26 Nov. 1862), Pl. 74 and text p. 59 published in part 7 (27 Jan. 1863). Original genus of type species should have been *Pimelodus*. Also appeared as name only in Bleeker 1862:392 [ref. [391](#)].

•Synonym of *Mystus* Scopoli 1777 -- (Roberts 1989:120 [ref. [6439](#)], Ferraris 2007:93 [ref. [29155](#)], Kottelat 2013:261 [ref. [32989](#)]). **Current status:** Synonym of *Mystus* Scopoli 1777. Bagridae.

Bagrus gulio Hamilton 1822 does not appear in the Species table. It should possibly be *Pimelodus gulio* Hamilton 1822.

:

Pleurolepis Putnam [F. W.] (ex Agassiz) 1863:5 [Bulletin of the Museum of Comparative Zoology v. 1 (art. 1); ref. [3567](#)] Fem. **Pleurolepis pellucidus** Putnam 1863. Type by monotypy. Objectively invalid; preoccupied by *Pleurolepis* Quenstedt 1852 in fossil fishes, replaced by *Vigil* Jordan 1919. •In the synonymy of *Ammocrypta* Jordan 1877, subgenus *Ammocrypta* -- (Collette & Bănărescu 1977:1455 [ref. [5845](#)]). **Current status:** Synonym of *Ammocrypta* Jordan 1877. Percidae: Etheostomatinae.

:

Vigil Jordan [D. S.] 1919:344 [Proceedings of the Academy of Natural Sciences of Philadelphia v. 70 (for 1918); ref. [2413](#)] Masc. **Pleurolepis pellucidus** Agassiz 1863. Type by being a replacement name. Replacement for *Pleurolepis* Putnam (ex Agassiz) 1863, preoccupied by *Pleurolepis* Quenstedt 1862 in fossil fishes. •Synonym of *Ammocrypta* Jordan 1877. **Current status:** Synonym of *Ammocrypta* Jordan 1877. Percidae: Etheostomatinae.

I Think that there may be a conflict in these 2 records.

:

Zoogoneticus Meek [S. E.] 1902:91 [Field Columbian Museum, Zoölogical Series v. 3 (no. 6); ref. [2957](#)] Masc. *Platyopocilus* **quitzeonensis** Bean 1898. Type by original designation. •Valid as *Zoogoneticus* Meek 1902 -- (Uyeno et al. 1983:507 [ref. [6818](#)], Webb & Miller 1998:3 [ref. [23734](#)], Scharpf 2007:30 [ref. [30398](#)], Domínguez-Domínguez et al. 2008:374 [ref. [30098](#)]). **Current status:** Valid as *Zoogoneticus* Meek 1902. Goodeidae: Goodeinae.

quitzeonensis

:

Vanmanenia Hora [S. L.] 1932:309 [Memoirs of the Indian Museum v. 12 (no. 2); ref. [2208](#)] Fem. *Homalosoma* (**sic**) *stenosoma* Boulenger 1901. Type by original designation (also monotypic). Second species referred to genus with question. Boulenger's *Homalosoma* apparently a mistake for *Homaloptera*; also preoccupied. See Das 2003:368 [ref. [27706](#)] with date as 1933. •Synonym of *Homalosoma* Boulenger 1901 -- (Kottelat 2001:45 [ref. [25482](#)]). •Valid as *Vanmanenia* Hora 1932 -- (Silas 1953:225 [ref. [4024](#)], Chen 1980:97 [ref. [6901](#)], Sawada 1982:205 [ref. [14111](#)], Zheng in Pan et al. 1991:267 [ref. [23876](#)], Chen in Chen 1998:261 [ref. [23556](#)], Tang & Chen 2000:5 [ref. [25445](#)], Chen & Tang in Yue et al. 2000:451 [ref. [25272](#)], Kottelat 2012:71 [ref. [32367](#)], Kottelat 2013:196 [ref. [32989](#)], Yi et al. 2014:85 [ref. [33322](#)], Zhang et al. 2016:162 [ref. [34477](#)], Kottelat 2017:87 [ref. [35488](#)]). **Current status:** Valid as *Vanmanenia* Hora 1932. Gastromyzontidae.

Homalosoma stenosoma

:

:

Angola Myers [G. S.] 1928:7 [Copeia No. 166; ref. [3099](#)]

Fem. **Xenopomichthys ansorgii** Boulenger 1910. Type by original designation (also monotypic). Genus of type species given as *Xenopom(at)ichthys*. •Synonym of *Kneria* Steindachner 1866 -- (Poll 1984:129 [ref. [6180](#)]). **Current status:** Synonym of *Kneria* Steindachner 1866. Kneriidae.

Xenopomichthys

:

Lumpenus Reinhardt [J. C. H.] 1836:11 [Oversigt over det Kongelige Danske Videnskabernes Selskabs Forhandlinger og dets Medlemmers Arbejder (Kjøbenhavn) for 1835-36; ref. [6587](#)] Masc. **Blennius lumpenus Fabricius** (not of Linnaeus) 1793 (= *Lumpenus fabricii* Reinhardt 1836). Type by absolute tautonymy. Appeared on p. CX of 1837 printing of article. •Valid as *Lumpenus* Reinhardt 1836 -- (Makushok 1973:536 [ref. [6889](#)], Lindberg & Krasnyukova 1975:86 [ref. [7348](#)], Amaoka & Miki in Masuda et al. 1984:301 [ref. [6441](#)], Makushok in Whitehead et al. 1986:1128 [ref. [13677](#)], Miki et al. 1987:131 [ref. [6704](#)], Lavrova 1990:50 [ref. [20302](#)], Mecklenburg et al. 2002:744 [ref. [25968](#)], Mecklenburg & Sheiko 2004:12 [ref. [27604](#)], Mecklenburg et al. 2011:129 [ref. [31212](#)], Shinohara et al. 2011:53 [ref. [31715](#)], Parin et al. 2014:444 [ref. [33547](#)], Mecklenburg et al. 2016:203 [ref. [34440](#)]). **Current status:** Valid as *Lumpenus* Reinhardt 1836. Lumpenidae.

Blennius lumpenus Fabricius not in Species table

:

Paraprotosalanx Fang [P.-W.] 1934:233, 246 [Sinensia v. 4 (no. 9); ref. [1298](#)]

Masc. **Paraprotosalanx andersoni Fang** (not of Rendahl 1923) 1934. Type by original designation (also monotypic). Type not *Protosalanx andersoni* Rendahl 1923 (Roberts 1984:205 [ref. [5318](#)]), based on misidentified type species and should go to ICZN. •Synonym of *Protosalanx* Regan 1908 -- (Roberts 1984:204 [ref. [5318](#)], Kottelat 2013:269 [ref. [32989](#)]). **Current status:** Synonym of *Protosalanx* Regan 1908. Salangidae.

Paraprotosalanx andersoni Fang not in Species table

:

Glaucostegus Bonaparte [C. L.] 1846:14 [Atti della Settima Adunanza degli Scienziati Italiani Sesta Riunione, Milano 7a Adunanza, Napoli, Part 2; ref. [519](#)] Masc. **Rhina**

cemiculus Geoffroy St. Hilaire 1827. Type by subsequent designation. Earliest type designation apparently Jordan & Evermann 1896:61 [ref. [2443](#)] as *Rhina rhinobatus* Shaw = *Rhina cemiculus* Geoffroy. Compagno et al. 2005:61 [ref. [29145](#)] say Whitley 1939 designated *Rhinobatos cemiculus* St. Hilaire [Geoffroy St. Hilaire] 1827.

•Objective synonym of *Rhinobatos* Linck 1790 -- (Krefft & Stehmann 1973:53 [ref. [7167](#)]). •Synonym of *Rhinobatos* Linck 1790, but a valid subgenus *Glaucostegus* -- (Compagno 1999:485 [ref. [25589](#)]). •Valid as *Glaucostegus* Bonaparte 1846 -- (Compagno et al. 2005:61 [ref. [29145](#)], Kottelat 2013:24 [ref. [32989](#)], Last et al. 2016:472 [ref. [34473](#)] in Glaucostegidae, Séret et al. 2016:111 [ref. [34993](#)], White et al. 2017:210 [ref. [35860](#)], Fricke et al. 2018:24 [ref. [35805](#)], Golani & Fricke 2018:14 [ref. [36273](#)], White & Ko'ou 2018:49 [ref. [35922](#)]). **Current status:** Valid as *Glaucostegus* Bonaparte 1846. Glaucostegidae.

Rhinobatus cemiculus

:

Mormyrops Müller [J.] 1843:324 [Archiv für Naturgeschichte v. 9 (pt. 1); ref. [3063](#)] Masc. **Mormyrus anguilloides Geoffroy St. Hilaire** Type by subsequent designation. Type designated by Gill 1862:139 [ref. [1661](#)] as *Mormyrus anguilloides* Linnaeus 1758, but in error. **Currently under review with regard to the type species of *Mormyrops* and *Marcusenius*** -- J. Sullivan, Pers. Comm. 26 Mar. 2015. •Valid as *Mormyrops* Müller 1843 -- (Bigorne 1987 [ref. [20556](#)], Lévêque et al. 1989:114 [ref. [26480](#)], Paugy & Bénech 1989:299 [ref. [26478](#)], Bigorne in Lévêque et al. 1990:153 [ref. [21589](#)], Paugy et al. 1990:337 [ref. [26477](#)], Poll & Gosse 1995:133 [ref. [24781](#)], Dankwa et al. 1999:15 [ref. [28023](#)], Hopkins et al. 2007:249 [ref. [30019](#)], Marshall 2011:40 [ref. [31755](#)], Sullivan et al. 2016:140 [ref. [34183](#)]). **Current status:** Valid as *Mormyrops* Müller 1843. Mormyridae.
Mormyrus anguilloides Geoffroy St. Hilaire not in Species table.
Has this been resolved yet?

:

Starksia Jordan [D. S.] & Evermann [B. W.] in Jordan 1896:231 [Proceedings of the California Academy of Sciences (Series 2) v. 6; ref. [2395](#)] Fem. **Labrisomus cremnobates Gilbert 1890**. Type by original designation (also monotypic). •Valid as *Starksia* Jordan & Evermann 1896 -- (Hubbs 1952:95 [ref. [2252](#)], Rosenblatt & Taylor 1971:452 [ref. [3811](#)], Greenfield 1979 [ref. [7013](#)], Greenfield & Johnson 1981:36 [ref. [5580](#)], Williams & Mounts 2003:145 [ref. [26947](#)], Williams 2003:1758 [ref. [27109](#)], Hastings & Springer 2009:12 [ref. [30391](#)], Hastings 2009:102 [ref. [30397](#)], Baldwin et al. 2011:22 [ref. [31149](#)], Lobel & Lobel 2011:50 [ref. [31774](#)], Lin & Hastings 2013:3 [ref. [33286](#)], Victor 2018:54 [ref. [36255](#)]). **Current status:** Valid as *Starksia* Jordan & Evermann 1896. Labrisomidae.

Labrisomus cremnobates Gilbert 1890 not in Species table.

:

Plitops (subgenus of *Holacanthus*) Fraser-Brunner [A.] 1933:581 [Proceedings of the Zoological Society of London 1933 (pt 3, no. 30); ref. [671](#)] Masc. *Holacanthus clarionensis* Gilbert **1891**. Not available from Fraser-Brunner, no type species designated or indicated after 1930, 2 included species (Art. 13.3). Apparently can date to Burton 1934 in the Zoological Record for 1933 (see remarks on Art. 13.3 in Appendix A in Eschmeyer 1990 [ref. [20647](#)]). •Synonym of *Holacanthus* Lacepède 1802. **Current status:** Synonym of *Holacanthus* Lacepède 1802. Pomacanthidae. **1890**

:

Glossichthys Gill [T. N.] 1861:51 [Proceedings of the Academy of Natural Sciences of Philadelphia v. 13 (Suppl.); ref. [1766](#)] Masc. **Glossichthys plagiosa Gill 1861** (= *Pleuronectes plagiosa* Linnaeus 1766). Type by monotypy. Single included species given as "*Glossichthys plagiosa* Gill" with *Plagusia fasciata* Storer in synonymy; species apparently is *Pleuronectes plagiosa* Linnaeus. •Synonym of *Symphurus* Rafinesque 1810. **Current status:** Synonym of *Symphurus* Rafinesque 1810. Cynoglossidae: Symphurinae.

Glossichthys plagiosa Gill 1861 not in Species table.

:

Acerina Cuvier [G.] 1816:283 [Le Règne Animal v. 2; ref. [993](#)] Fem. **Perca acerina Gmelin 1816** (= *Perca cernua* Linnaeus 1758). Type by absolute tautonymy. See Whitley 1935:138 [ref. [6396](#)] for comments regarding type species. •Valid as *Acerina* Cuvier 1816 -- (Zhang et al. 2016:195 [ref. [34477](#)] dated 1817). •Synonym of *Gymnocephalus* Bloch 1793 -- (Collette & Bănărescu 1977:1453 [ref. [5845](#)], Parin 2003:S3 [ref. [28536](#)], Bogutskaya & Naseka 2004:204 [ref. [28183](#)], Parin et al. 2014:354 [ref. [33547](#)]). **Current status:** Synonym of *Gymnocephalus* Bloch 1793. Percidae: Percinae.

Perca acerina Gmelin 1789

aquilonaris, Anthias Goode [G. B.] & Bean [T. H.] 1896:238 [Special Bulletin U. S. National Museum No. 2; ref. [1848](#)] Florida, Gulf of Mexico, 28°36'00"N, 85°33'30"W, Albatross station A.2402 [not Fish Hawk], depth 111 fathoms. Holotype (unique): USNM 37346. •Valid as *Pristipomoides aquilonaris* (Goode & Bean 1896) -- (Anderson 1966:819 [ref. [7939](#)], Matsuura in Uyeno et al. 1983:344 [ref. [14275](#)], Allen 1985:144 [ref. [6843](#)], Robins & Ray 1986:173 [ref. [23100](#)], Anderson 1987:11 [ref. [13770](#)], Akazaki & Iwatsuki 1987:329 [ref. [6699](#)], Scott & Scott 1988:388 [ref. [25518](#)], McAllister 1990:150 [ref. [14674](#)], Boschung 1992:138 [ref. [23239](#)], Cervigón 1992:355 [ref. [23827](#)], Cervigón 1993:151 [ref. [24474](#)], Leis & Lee 1994:100 [ref. [21402](#)], Aguilera 1998:49 [ref. [24221](#)], Claro et al. 2000:22 [ref. [26458](#)], Schmitter-Soto et al. 2000:161 [ref. [27754](#)], Moore et al. 2003:226 [ref. [27076](#)], Anderson 2003:1501 [ref. [27091](#)], Moura & Menezes in Menezes et al. 2003:83 [ref. [27192](#)] as *aquilonaris*, Nelson et al. 2004:143 [ref. [27807](#)], McEachran & Fechhelm 2005:335 [ref. [28815](#)], Page et al. 2013:147 [ref. [32708](#)]). **Current status:** Valid as *Pristipomoides aquilonaris* (Goode & Bean 1896). Lutjanidae. Distribution: Western Atlantic. Habitat: marine.

:

Etelides Jordan [D. S.] & Thompson [J. C.] 1905:241 [Bulletin of the Bureau of Fisheries v. 24 (for 1904); ref. [2538](#)] Masc. ***Etelis aquilonaris Goode & Bean 1896***. Type by monotypy. •Synonym of *Etelis* Cuvier 1828 -- (Allen 1985:24 [ref. [6843](#)]). •Synonym of *Pristipomoides* Bleeker 1852 -- (Akazaki & Iwatsuki 1987:326 [ref. [6699](#)]). **Current status:** Synonym of *Pristipomoides* Bleeker 1852. Lutjanidae.

Etelis aquilonaris Goode & Bean 1896 not in Species table.

Should possibly be:

Anthias aquilonaris Goode & Bean

or

Pristipomoides aquilonaris (Goode & Bean 1896)

:

Microphis Kaup [J. J.] 1853:234 [Archiv für Naturgeschichte v. 19 (pt. 1); ref. [2569](#)] Masc. *Syngnathus cunalcus* Hamilton 1822. Type by subsequent designation. Type designated by Jordan 1919:254 [ref. [2410](#)] as above; Jordan & Evermann 1898:773 [ref. [2443](#)] have "(*cuneatus*)" as type, but that is apparently a misspelling for *cunocalus* Hamilton. Duncker 1912 wrongly says type is *Microphis brachyurus* Bleeker 1853 (not an originally-included species). Kottelat (2013) says designated by Jordan & Evermann 1896:773 as *cunocalus*, deemed to be cited in the correct original form. •Valid as *Microphis* Kaup 1853 -- (Dawson 1984 [ref. [5879](#)], Dawson 1985:126 [ref. [6541](#)], Dawson 1986:454 [ref. [5650](#)], Paxton et al. 1989:425 [ref. [12442](#)], Kottelat 1989:16 [ref. [13605](#)], Aatur Rahman 1989:36 [ref. [24860](#)], Allen 1991:107 [ref. [21090](#)], Lévêque in Lévêque et al. 1992:578 [ref. [21590](#)], Paulus 1999:2268 [ref. [24794](#)], Ferraris in Reis et al. 2003:591 [ref. [27061](#)], Aatur Rahman 2003:51 [ref. [31338](#)], Paxton et al. 2006:835 [ref. [29073](#)], Snoeks & Vreven 2007:579 [ref. [30079](#)], Scharpf 2007:36 [ref. [30398](#)], Kuitert 2009:271 [ref. [30404](#)], Marshall 2011:262 [ref. [31755](#)], Kottelat 2013:305 [ref. [32989](#)], Hamilton et al. 2016:Supplement 4 [ref. [35615](#)], Fricke et al. 2018:124 [ref. [35805](#)]). **Current status:** Valid as *Microphis* Kaup 1853. Syngnathidae: Nerophinae.

cunocalus

:

Coius Hamilton [F.] 1822:85, 369 [An account of the fishes found in the river Ganges; ref. [2031](#)] Masc. *Coius* **cobojus** Hamilton 1822. Type by subsequent designation. Type designated by Cuvier 1829:144 -- see Kottelat 2000: 92 [ref. [25865](#)]. •Treated as valid as *Coius* Hamilton 1822 -- (Roberts & Kottelat 1994:258 [ref. [21569](#)] and as the family Coiidae, Aatur Rahman 2003:351 [ref. [31338](#)]). •Synonym of *Anabas* Cloquet 1816 [after lectotype clarification] -- (Kottelat 2000:92 [ref. [25865](#)], Kottelat 2000:88 [ref. [25486](#)], Kottelat 2013:447 [ref. [32989](#)]). **Current status:** Synonym of *Anabas* Cloquet 1816. Anabantidae.

cobojus

:

Machephilus Johnson [J. Y.] 1868:713 [Proceedings of the Zoological Society of London 1867 (pt 3); ref. [2360](#)] Masc. *Machephilus* **dumerilli** Johnson 1868. Type by monotypy. •Synonym of *Lepidorhinus* Bonaparte 1838 -- (Krefft & Tortonese 1973:40 [ref. [7165](#)]). •Synonym of *Centrophorus* Müller & Henle 1837 -- (Compagno 1984:35 [ref. [6474](#)], White et al. 2013:43 [ref. [33033](#)]). **Current status:** Synonym of *Centrophorus* Müller & Henle 1837. Centrophoridae.

dumerilli

:

Chasmistes Jordan [D. S.] 1878:417 [Bulletin of the United States Geological and Geographical Survey of the Territories. v. 4 (no. 2, art. 18); ref. [2379](#)] Masc. ***Catostomus fecundus* Jordan** (not of Cope & Yarrow) 1878 (= *Chasmistes liorus* Jordan 1878). Type by original designation. First in Jordan 1878 with type in footnote *Catostomus fecundus*, then in Jordan 1878:219 [ref. [12254](#)] where he recognized that the type was based on a misidentified type species which he renamed *C. liorus* (see Miller & Smith 1981:5 [ref. [5465](#)]). •Valid as *Chasmistes* Jordan 1878 -- (Miller & Smith 1981 [ref. [5465](#)], Gilbert 1998:20 [ref. [23395](#)], Scharpf 2006:8 [ref. [30386](#)]). •Synonym of *Catostomus* Lesueur 1817 -- (Chen & Mayden 2012:195 [ref. [32391](#)]). **Current status:** Valid as *Chasmistes* Jordan 1878. Catostomidae: Catostominae.

***Catostomus fecundus* Jordan not in Species table**

:

Raniceps Oken [L.] (ex Cuvier) 1817:1182a [Isis (Oken) v. 1 (pt 8) (no. 148); ref. [3303](#)] Neut. ***Gadus raninus* Müller 1788** (= *Blennius raninus* Linnaeus 1758). Based on "Les Raniceps" of Cuvier 1816:217 [ref. [993](#)]. Technical addition of species after latinization by Oken not researched. •Valid as *Raniceps* Oken 1817 -- (Svetovidov 1973:315 [ref. [7169](#)], Fahay & Markle 1984:266 [ref. [13653](#)], Svetovidov in Whitehead et al. 1986:707 [ref. [13676](#)], Cohen in Cohen et al. 1990:73 [ref. [18936](#)]). **Current status:** Valid as *Raniceps* Oken 1817. Gadidae.

***Gadus raninus* Müller 1788 is not in the Species table**

:

Diagrammella (subgenus of *Diagramma*) Pellegrin [J.] 1912:295 [Bulletin de la Société Zoologique de France v. 37; ref. [3426](#)] Fem. ***Diagramma (Diagrammella) macrops*** Pellegrin 1912. Type by original designation. Type designated on p. 294. Misspelled *Diagrammella* in Zoological Record for 1913 and by others. •Synonym of *Parapristipoma* Bleeker 1873 -- (Roux 1973:393 [ref. [7200](#)]). **Current status:** Synonym of *Parapristipoma* Bleeker 1873. Haemulidae: Plectorhinchinae.

Diagrammella (Diagrammella) macrops

or

The species record is wrong – see record below

:

macrops, Diagrammella (Diagrammella) Pellegrin [J.] 1912:295 [Bulletin de la Société Zoologique de France v. 37; ref. [3426](#)] Mossamédès, Angola. Syntypes: MNHN 1912-0283 and 0284 (2). Type catalog: Bauchot et al. 1983:33 [ref. [21546](#)]. •Synonym of *Parapristipoma humile* (Bowdich 1825) -- (Roux 1973:393 [ref. [7200](#)], Carpenter & Johnson in Carpenter & De Angelis 2016:2557 [ref. [34618](#)]). •Valid as *Parapristipoma macrops* (Pellegrin 1912) -- (Roux 1990:784 [ref. [18781](#)], Wirtz et al. 2013:125 [ref. [32972](#)] needs confirmation). **Current status:** Valid as *Parapristipoma macrops* (Pellegrin 1912). Haemulidae: Plectorhinchinae. Distribution: Angola. Habitat: marine.

:

Kampylodon Fabricius [O.] 1798:22 [Skriverter af Naturhistorie-Selskabet Kjøbenhavn v. 4 (no. 2); ref. [1288](#)] Masc. *Kampylodon fabricii* Reinhardt 1837. Appeared first without species; first addition of species not researched. **Original spelling**

is Kampylodon, not Campylodon. Figure given (Pl. 9, fig. 1). •Synonym of *Notacanthus* Bloch 1788 -- (McDowell 1973:185 [ref. [24539](#)], Wheeler 1973:256 [ref. [7190](#)]). **Current status:** Synonym of *Notacanthus* Bloch 1788. Notacanthidae.

We appear to be using Campylodon in the Species table see below

:

fabricii, Campylodon Reinhardt [J. C. H.] 1837:114, 120, 121 [Det Kongelige Danske videnskabernes selskabs naturvidenskabelige og matematiske afhandlinger v. 7; ref. [3691](#)] No types known. On pp. 32, 38 & 39 of separate. •Synonym of *Notacanthus chemnitzii* Bloch 1788 -- (McDowell 1973:203 [ref. [24539](#)] as *chemnitzii*, Wheeler 1973:256 [ref. [7190](#)], Sulak 1990:134 [ref. [19326](#)]). **Current status:** Synonym of *Notacanthus chemnitzii* Bloch 1788. Notacanthidae. Habitat: marine.

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Cotylis Müller [J.] & Troschel [F. H.] in Müller 1843:297 [Archiv für Naturgeschichte v. 9 (pt. 1); ref. [3063](#)] Fem. **Cotylis nuda Müller & Troschel** 1843. Type by monotypy. Type not *L. nudus* Linnaeus (Briggs 1955:87 [ref. [637](#)]). Müller & Troschel 1843:298 list the type as "Art: *Cotylis nuda* Müll. Trosch. (*Cyclopterus nudus* Bl. Schn.)" But Bloch & Schneider do not describe a species but refer to *nudus* Linnaeus. Using Article 67.13, the misapplication using Bloch & Schneider results in a new species, *Cotylis nuda* Müller & Troschel 1843. The locality given by Bloch & Schneider as India is in error according to Briggs, and the name is a synonym of the Caribbean *Gobiesox punctulatus* (Poey 1875). Since Müller & Troschel's name *nuda* has not been used, it can be regarded as a nomen oblitum. •Synonym of *Gobiesox* Lacepède 1800 -- (Briggs 1955:87 [ref. [637](#)], Ferraris in Reis et al. 2003:511 [ref. [27061](#)]). **Current status:** Synonym of *Gobiesox* Lacepède 1800. Gobiesocidae: Gobiesocinae.

Cotylis nuda Müller & Troschel is not in the Species table

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Thymichthys Last [P. R.] & Gledhill [D. C.] 2009:58 [Zootaxa No. 2252; ref. [30518](#)] Masc. **Thymichthys politus Richardson** 1844. Type by original designation. •Valid as *Thymichthys* Last & Gledhill 2009. **Current status:** Valid as *Thymichthys* Last & Gledhill 2009. Brachionichthyidae.

Thymichthys politus Richardson is not in Species table. Possibly refers to Cheironectes politus Richardson

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Erythrichthys Temminck [C. J.] & Schlegel [H.] 1845:117 [Fauna Japonica Parts 7-9; ref. 4373] Masc. **Emmelichthys schlegeli** Richardson 1846. Type by subsequent monotypy. Original description without species; one species added by Richardson 1846:372 [ref. 3742] and *Erythrichthys* synonymized with *Emmelichthys*. Objectively invalid; preoccupied by *Erythrichthys* Bonaparte 1831 in fishes, replaced by *Erythrocles* Jordan 1919. •Synonym of *Erythrocles* Jordan 1919 -- (Heemstra & Randall 1977:371 [ref. 7057]). **Current status:** Synonym of *Erythrocles* Jordan 1919. Emmelichthyidae.

Emmelichthys schlegeli Richardson is not in the Species table but it looks as if it should be – see below

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schlegelii, Erythrichthys Günther [A.] 1859:395 [Catalogue of the fishes in the British Museum v. 1; ref. 1961] Sea of Japan. No types known. Based on *Erythrichthys* sp. Temminck & Schlegel 1845:117, Pl. 63 (fig. 1) [ref. 4373] without citation to Richardson; **if regarded as an independent description then it is an objective synonym of *Emmelichthys schlegeli* Richardson 1846 -- (see Heemstra & Randall 1977:372 [ref. 7057]). •Objective synonym of *Emmelichthys schlegelii* (Richardson 1846).** •Synonym of *Erythrocles schlegelii* (Richardson 1846) based on current generic placement of *schlegelii*. **Current status:** Synonym of *Erythrocles schlegelii* (Richardson 1846). Emmelichthyidae. Habitat: marine.

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Iotabrycon Roberts [T. R.] 1973:491 [Bulletin of the Museum of Comparative Zoology v. 144 (no. 8); ref. 3776] Masc. **Iotabrycon** *praecox* Roberts 1973. Type by original designation (also monotypic). •Valid as *Iotabrycon* Roberts 1973 -- (Géry 1977:359 [ref. 1597], Weitzman & Fink 1985:1 et seq. [ref. 5203], Weitzman & Menezes 1998:187 [ref. 23843], Weitzman in Reis et al. 2003:224 [ref. 27061], Mirande 2009:8 [ref. 30267] in Characidae, Stevardiinae, Zarske 2010:84 [ref. 30919], Mirande 2010:533 [ref. 31006], Thomaz et al. 2015:4 [ref. 33893] Stevardiinae, tribe Xenurobryconini). **Current status:** Valid as *Iotabrycon* Roberts 1973. Characidae: Stevardiinae.

Iotabrycon

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Platycottus Schmidt [P. L.] 1935:35 Masc. **Platycottus pustulosus** Schmidt 1935. Type by original designation (also monotypic). Reference not in Parin et al. 2014:301 (dated to 1937). •Synonym of *Gilbertidia* Berg 1898 -- (Parin et al. 2014:301 [ref. 33547]). **Current status:** Synonym of *Gilbertidia* Berg 1898. Psychrolutidae.

Platycottus pustulosus Schmidt is not in the Species table. Possibly could be *Gilbertidia pustulosa* Schmidt 1937

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Neoanguilla Shrestha [T. K.] 2008:236 [Ichthyology of Nepal; ref. 29923]

Fem. **Neoanguilla** *nepalensis* Shrestha 2008. Type by monotypy.

Genus *Neoanguilla* and species *nepalensis* described provisionally from one specimen. Not available on Art. 16. Author intends to redescribe when more specimens are available. **Current status:** Synonym of *Anguilla* Schrank 1798. Anguillidae.

Neoanguilla

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The next 2 records show different families !

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Compagnoia (subgenus of *Parmaturus*) See *Campagnoia*. **Scyliorhinidae**.

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Campagnoia (subgenus of *Parmaturus*) Springer [S.] 1979:102 [NOAA (National Oceanic and Atmospheric Administration) Technical Report NMFS (National Marine Fisheries Service) Circular No. 422; ref. [4175](#)] Fem. *Parmaturus* (*Campagnoia*) *manis* Springer 1979. Type by original designation. No derivation of name given, perhaps for L. J. V. Compagno; *Campagnoia* regarded as the correct original spelling (that spelling used also on p. 100). •Synonym of *Apristurus* Garman 1913 -- (Compagno 1984:257 [ref. [6846](#)], Compagno 1988:163 [ref. [13488](#)] as *Compagnoia*). **Current status:** Synonym of *Apristurus* Garman 1913. **Pentanchidae**.

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Campagnoia (subgenus of *Parmaturus*) Springer [S.] 1979:102 [NOAA (National Oceanic and Atmospheric Administration) Technical Report NMFS (National Marine Fisheries Service) Circular No. 422; ref. [4175](#)] Fem. ***Parmaturus* (*Campagnoia*) *manis* Springer 1979**. Type by original designation. No derivation of name given, perhaps for L. J. V. Compagno; *Campagnoia* regarded as the correct original spelling (that spelling used also on p. 100). •Synonym of *Apristurus* Garman 1913 -- (Compagno 1984:257 [ref. [6846](#)], Compagno 1988:163 [ref. [13488](#)] as *Compagnoia*). **Current status:** Synonym of *Apristurus* Garman 1913. **Pentanchidae**.

***Parmaturus* (*Campagnoia*) *manis* Springer 1979 is not in the Species table. Possibly:**

***Parmaturus manis* Springer 1979**

OR

***Apristurus manis* (Springer 1979)**

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Pomatopsetta Gill [T. N.] 1864:216 [Proceedings of the Academy of Natural Sciences of Philadelphia v. 16 (no. 4); ref. [1704](#)] Fem. ***Platessa dentata sensu Storer 1839***. Type by monotypy. Type species = *Hippoglossoides platessoides* (Fabricius 1780). •Synonym of *Hippoglossoides* Gottsche 1835 -- (Norman 1934:294 [ref. [6893](#)], Nielsen 1973:624 [ref. [6885](#)], Lindberg & Fedorov 1993:92 [ref. [21500](#)], Evseenko 2003:S61 [ref. [28535](#)], Evseenko 2004:5 [ref. [27606](#)]). **Current status:** Synonym of *Hippoglossoides* Gottsche 1835. **Pleuronectidae: Pleuronectinae**.

Platessa dentata sensu Storer 1839 is not in the Species Table. Why are 2 type species mentioned?

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