

## Cumulative addenda to Family-group names in Recent Fishes

Addenda to and errata of: **Van der Laan, R., W. N. Eschmeyer & R. Fricke** (2014) (11 Nov.), Family-group names of Recent fishes. Zootaxa Monograph 3882 (1), 1-230. [article 2 in the header should be article 1] <http://dx.doi.org/10.11646/zootaxa.3882.1.1>

The family-group names are presented in the same way as in our article (please consult this article for the explanation):

Original name and spelling [correction of obvious type-setting error] author year: page number [reference number in Eschmeyer's Catalog of Fishes] (rank) *type Genus* [comments on spelling / correction of the stem / availability / validity]

All **ref. numbers** and information on the **type genera** can be found at:

<http://researcharchive.calacademy.org/research/ichthyology/catalog/fishcatmain.asp>  
Fricke, R., W.N. Eschmeyer & R. van der Laan (eds) (2024). ESCHMEYER'S CATALOG OF FISHES: GENERA, SPECIES, REFERENCES. Electronic version.

The orders are arranged according to the current classification of the Catalog:

<https://www.calacademy.org/scientists/catalog-of-fishes-classification/> .

### Order Orectolobiformes

#### Family Ginglymostomatidae

Pseudoginglymostomatidae Herman & van Waes 2014:118 [ref. 35303] (family)  
*Pseudoginglymostoma* [not published according to the rules, not available]

### Order Carcharhiniformes

#### Family Pentanchidae

Holohalaeluridae Herman & van Waes 2012b:51 [ref. 35302] (family) *Holohalaelurus*  
[not published according to the rules, not available]

#### Family Carcharhinidae

Triaenodonidae Herman & van den Eeckhaut 2010:52 [ref. 35300] (family) *Triaenodon*  
[correct stem would be Triaenodont-] [We ignore the somewhat cryptic remark on the website "As mentioned in the first Volume of this Series, only the senior-author is held responsible for the new systematic proposals."]

#### Family Dichichthyidae White, Stewart, O'Neill & Naylor 2024

Dichichthyidae White, Stewart, O'Neill & Naylor 2024:5 [ref. 40986] (family) *Dichichthys*

### Order Squaliformes

#### Family Etmopteridae

Aculeolidae Herman & van Waes 2012a:8 [ref. 35301] (family) *Aculeola* [We ignore the somewhat cryptic remark on the website "As mentioned in the first Volume of this Series, only the senior-author is held responsible for the new systematic proposals."]

**Order Rhinopristiformes**

Family Trygonorrhinidae Last, Séret & Naylor 2016:463 [ref. 34473] (family) *Trygonorrhina*  
 Family Glaucostegidae Last, Séret & Naylor 2016:472 [ref. 34473] (family) *Glaucostegus*

**Order Rajiformes**

Centrobatiden Jaekel 1894:115 [ref. 38710] (? superfamily) ? [published not in latinized form before 1900, not available, Art. 11.7.2]

Centrobatidae Jaekel 1898:51 [ref. 34311] (family) ? [no valid type genus, not available]

Rhinoraji Jaekel 1894:69 [ref. 38710] (? superfamily) ? [not based on *Rhinoraja*; no valid type genus, not available]

Rhinorajidae Jaekel 1898:51 [ref. 34311] (family) ? [not based on *Rhinoraja*; no valid type genus, not available]

**Family Rajidae**

Rostrorajinae Ishihara, Treloar, Bor, Senou & Jeong 2012:31 [ref. 31844] (subfamily)  
*Rostroraja* [not published according to the rules, not available]

**Family Arhynchobatidae**

Bathyrājini Last, Weigmann & Yang in Last & Yearsley 2016:16 [ref. 34941] (tribe)  
*Bathyrāja*

**Order Myliobatiformes****Family Dasyatidae**

Neotrygonidae Lim, Lim, Chong & Loh 2015:12 [ref. 34441] (family) *Neotrygon*  
 (unavailable from electronic publication without Zoobank Registration, Amendment ICZN Art. 8.5.3)

Himanturidae Lim, Lim, Chong & Loh 2015:13 [ref. 34441] (family) *Himantura*  
 (unavailable from electronic publication without Zoobank Registration, Amendment ICZN Art. 8.5.3)

Neotrygoninae Last, Naylor & Manjaji-Matsumoto 2016:358 [ref. 34581] (subfamily)  
*Neotrygon*

**Family Potamotrygonidae**

Styracurinae Carvalho, Loboda & da Silva 2016:202 [ref. 34827] (subfamily) *Styracura*

**Family Myliobatidae**

Aetobatinae Agassiz 1858:385 [ref. 73] (subfamily) *Aetobatis*

**Order Acipenseriformes****Family Acipenseridae**

Sturionidae Owen 1840:68 [ref. 34312] (family) *Sturio* [junior objective synonym of *Acipenseridae* Bonaparte 1831, invalid, Article 61.3.2]

Pseudoscaphirhynchinae Hilton, Grande & Bemis 2011:157 [ref. 31407] (subfamily)  
*Pseudoscaphirhynchus*

**Order Lepisosteiformes****Family Lepisosteidae** Agassiz 1832

*Lepidosteus* Agassiz 1832:144 [ref. 34316] (family) *Lepisosteus* [as *Lepidosteus*]

**Order Anguilliformes****Family Neocyematidae** Poulsen *et al.* 2018

Neocyematidae Poulsen, Miller, Sado, Hanel, Tsukamoto & Miya 2018:16 [ref. 36030]  
(family) *Neocyema*

**Order Clupeiformes**

*Pseudoclupeini* Bleeker 1859d:XXX [ref. 371] (TRIBUS  $\approx$  suborder) ? [no family-group name (and no valid type genus)]

*Pseudoclupeini* Harting 1864:744 [ref. 34731] (subfamily) ? [no valid type genus, not available, Article 11.7.1.1]

**Family Clupeidae**

Anodontostomidae [Anodontostomidae] Herre 1933:6 [ref. 21453] (family)  
*Anodontostoma* [name only, but used as valid and the stem corrected to Anodontostom- by Fowler 1958b:6 [ref. 1470] Article 13.2.1; **not preoccupied by *Anodontostomini* Bleeker 1859 based on *Anodus* in fishes**; stem emended to Anodontostomat-by Nelson & Rothman 1973:138 [ref. 7578]; not preoccupied by Anodontostominae Verhoeff 1907 in Myriopoda, because that unavailable name is based on the invalid genus *Anodontostoma* Tömäsvary 1883]

**Order Alepocephaliformes**

Anomolopteridae [Anomalopteridae] Greenwood & Rosen 1971:40 [ref. 41029] (family)  
*Anomalopterus* [Nomen nudum, not available]

**Order Gonorynchiformes****Family Gonorynchidae** Fowler 1941 (1848) Name in prevailing usage, Article 40.2

Gonorhynchidae Richardson 1844 - 48:v [ref. 3740] (family) *Gonorhynchus* Cuvier 1816  
[senior synonym of Gonorynchidae Fowler 1941]

Gonorynchidae Fowler 1941a:728 [ref. 6536] (family) *Gonorynchus* [junior synonym of Gonorhynchidae Richardson 1848, but in prevailing usage Kottelat 2016:446 [ref. 32499]]

## Order Cypriniformes

### Family Cyprinidae

- Platykarinae Macleay 1841:271 [ref. 32498] (family) *Platykara* [*nomen oblitum* Kottelat 2016:446 [ref. 32499]]
- Aphyocypridi Hoedeman 1954:170 [ref. 35345] (tribe) *Aphyocypris* [name only, used as valid before 2000?; not available]
- Parapelecidi Hoedeman 1954:170 [ref. 35345] (tribe) *Parapelecus* [name only, used as valid before 2000?; not available]
- Diptychini Mirza 1991:340 [ref. 19441] (tribe) *Diptychus* [not preoccupied by the invalid Diptychinae Milne-Edwards & Bouvier 1894 based on *Diptychus* Milne-Edwards 1881 Galatheidae (Crustacea), but preoccupied by Diptychinae Janse 1933 based on *Diptychis* Felder 1874 (Lepidoptera); not to be used, see Yang *et al.* 2015:113 [ref. 33694]; invalid, Article 55.3]
- Thynnichthyini Menon 1999:54 [ref. 24904] (tribe) *Thynnichthys* [name only, published after 1960, not available, Article 13.1.1]
- Poropuntini [Poropuntiini] Menon 1999:xii [ref. 24904] (tribe) *Poropuntius* [also as subtribe Poropuntina Menon 1999:xiii / Poropuntiana Menon 1999:68; name only, published after 1960, not available, Article 13.1.1]
- Systemini Menon 1999:xii [ref. 24904] (tribe) *Systemus* [also as subtribe Systemina Menon 1999:84; name only, published after 1960, not available, Article 13.1.1]
- Osteobramina Menon 1999:62 [ref. 24904] (subtribe) *Osteobrama* [name only, published after 1960, not available, Article 13.1.1]
- Puntioplitini Nguyen & Ho 2003:1129 [ref. 33123] (tribe) *Puntioplites* [not published according to the rules, not available]
- Cosmochilina Pasco-Viel *et al.* 2014:3 [ref. 34313] (subtribe) *Cosmochilus* [not published according to the rules, not available]
- Barbonymina Pasco-Viel *et al.* 2014:3 [ref. 34313] (subtribe) *Barbonymus* [not published according to the rules, not available]
- Acrossocheilini Yang *et al.* 2015:114 [ref. 33694] (tribe) *Acrossocheilus*
- Probarbini Yang *et al.* 2015:114 [ref. 33694] (tribe) *Probarbus*
- Spinibarbini Yang *et al.* 2015:114 [ref. 33694] (tribe) *Spinibarbus*
- Osteochilina Sayyadzadeh *et al.* 2015:3 [ref. 34017] (subtribe) *Osteochilus* [not published according to the rules, not available]
- Esominae Tan & Armbruster 2018:18 [ref. 36121] (subfamily) *Esomus*

### Family Balitoridae

- Homalopteroidini Randall & Page 2015:62 [ref. 33701] (tribe) *Homalopteroides*

### Family Nemacheilidae

- Traccatichthyini Du, Li, Xu, Luo, Luo, Yu & Zhou 2023:2, 3 [ref. 40265] (tribe) *Traccatichthys* [not published according to the rules, not available; earlier mentioned in an unpublished master thesis by Wang 2022, also not available]

**Order Characiformes****Family Distichodontidae**

**Nannaethiopini** Hoedeman 1951:207, 209 [ref. 39215] (tribe) *Nannaethiops*

**Family Tarumaniidae** de Pinna, Zuanon, Rapp Py-Daniel & Petry 2017

Tarumaniidae de Pinna, Zuanon, Rapp Py-Daniel & Petry 2017:5 [ref. 35517] (family)

*Tarumania*

**Family Alestidae**

Alestopetersiini Hoedeman 1951:5 [ref. 2178] (subtribe / erroneously as genus)

*Alestopetersius*

**Family Hemiodontidae**

Anodontostomini Bleeker 1859d:XXXII [ref. 371] (cohors) *Anodus* [no stem of type genus, not available]

**Anodinae** Eigenmann 1909b:253 [ref. 1223] (subfamily) *Anodus* [the spelling *Anodontinae* is preoccupied by *Anodontinae* Rafinesque 1820 in Mollusca, not valid in Fishes]

**Family Serrasalminae**

Colossomatinae Kolmann, Hughes, Hernandez, Arcila, Betancur-R, Sabaj, López-Fernández & Ortí 2021:[8] [ref. 37721, correction] (subfamily) *Colossoma*

**Family Crenuchidae**

Characidiinae Fowler 1932b:349 [ref. 16366] (subfamily) *Characidium*

**Family Characidae**

**Prodontocharacini** Böhlke 1954 (tribe) *Prodontocharax* [in unpublished dissertation, not available]

**Probolodini** Géry 1977:575, 579 [ref. 1597] (tribe) *Probolodus*

**Odontostilbini** Bührnheim 2006:105 (tribe) *Odontostilbe* [in unpublished dissertation, not available]

**Eretmobryconini** Thomaz, Arcila, Ortí & Malabarba 2015:13 [ref. 33893] (tribe)

*Eretmobrycon* [published electronically without Zoobank registration, not available]

**Protocheiroidontini** Vari, Melo & Oliveira 2016:321 [ref. 34499] (tribe) *Protocheiroidon*

**Spintherobolinae** Mirande 2018:14 [ref. 35990] (subfamily) *Spintherobolus*

**Acanthocharacini** Souza, Melo, Mattox & Oliveira 2022:6 [ref. 39145] (tribe)

*Acanthocharax*

**Order Siluriformes****Family Ariidae**

Torpedinidae Gill 1896d:162 [ref. 31875] (family) *Torpedo* Forsskål [preoccupied by  
Torpedines Henle 1834 in fishes; invalid, Article 39]

Cathoropsini Marceniuk, Oliveira & Ferraris 2023:12 [ref. 40422] (tribe) *Cathorops*  
[misspelled as Cathopsini in figs. 1-3]

Genidentini Marceniuk, Oliveira & Ferraris 2023:15 [ref. 40422] (tribe) *Genidens*

Sciadeini Marceniuk, Oliveira & Ferraris 2023:18 [ref. 40422] (tribe) *Sciades*

**Family Aspredinidae**

Pseudobunocephalinae Carvalho, Arce H., Reis & Sabaj 2018:464 [ref. 35919] (subfamily)  
*Pseudobunocephalus*

**Family Auchenipteridae**

Gelanoglanini Calegari, Vari & Reis 2019:734 [ref. 36961] (tribe) *Gelanoglanis*

Glanidiini Calegari, Vari & Reis 2019:740 [ref. 36961] (tribe) *Glanidium*

Liosomadoradini Calegari, Vari & Reis 2019:743 [ref. 36961] (tribe) *Liosomadoras*

Pseudotatiini Calegari, Vari & Reis 2019:736 [ref. 36961] (tribe) *Pseudotatia*

Auchenipterichthyina Calegari, Vari & Reis 2019:746 [ref. 36961] (subtribe)  
*Auchenipterichthys*

**Family Doradidae**

Wertheimerinae Birindelli 2014:537 [ref. 33501] (subfamily) *Wertheimeria*

Acanthodoradinae Sabaj & Mariangeles 2021:30 [ref. 38877] (subfamily) *Acanthodoras*

Agamyxinae Sabaj & Mariangeles 2021:34 [ref. 38877] (subfamily) *Agamyxis*

Rhinodoradinae Sabaj & Mariangeles 2021:35 [ref. 38877] (subfamily) *Rhinodoras*

**Family Heptapteridae**

Brachyglaniini Silva & Bockmann in Silva, Roxo, Melo, Ochoa, Bockmann, Sabaj, Jerop,  
Foresti, Benine & Oliveira 2021:549 [ref. 38316] (tribe) *Brachyglanis* [correct stem  
would have been Brachyglanid- or Brachyglan-]

Goeldiellini Faustino-Fuster, Meza-Vargas, Lovejoy & Lujan 2021:[9] [ref. 38317] (tribe)  
*Goeldiella*

**Family Loricariidae**

Subfamily Hypoptopomatinae

Hisonotini Roxo & Silva in Roxo, Ochoa, Sabaj, Lujan, Covain, Silva, Melo, Albert, Chang,  
Foresti, Alfaro & Oliveira 2019:161 [ref. 36538] (tribe) *Hisonotus*

**Family Pseudopimelodidae**

Batrochoglaninae Shibatta & Silva in Silva, Melo, Roxo, Ochoa, Shibatta, Sabaj & Oliveira  
2021:8 [ref. 38527] (subfamily) *Batrochoglanis*

**Family Trichomycteridae**

Sarcoglanidinae Myers & Weitzman 1966:278 [ref. 3136] (subfamily) *Sarcoglanis*

Microcambevinae Costa, Henschel & Katz 2020:164 [ref. 37235] (subfamily)  
*Microcambeva*

**Order Lampriformes****Family Lampridae**

Davesne *et al.* 2014:492 [ref. 34310] and Betancur *et al.* 2014 [ref. 34318] used Lamprid- as stem because this spelling “has been followed by the vast majority of recent phylogenetic papers”. Chen *et al.* 2014:2 [ref. 34309] and Nelson, Grande & Wilson 2016:282 [ref. 34479] chose the stem Lampr- (as used by us).

**Family Veliferidae**

**Metaveliferinae** Bannikov 1991:162 [ref. 34317] (subfamily) *Metavelifer*

**Order Ophidiiformes****Family Acanthonidae**

Acanthonidae Wong & Chen 2024:10 [ref. 41401] (family) *Acanthonus*

**Family Carapidae**

**Hypopleuroninae** Prokofiev 2004:38 [ref. 34641] (subfamily) *Hypopleuron*

**Order Gobiiformes****Family Gobiidae**

Acanthogobiini Parenti 2021:284 [ref. 38603] (tribe) *Acanthogobius*

Astrabini Parenti 2021:289 [ref. 38603] (tribe) *Astrabe*

Chaenogobiini Parenti 2021:294 [ref. 38603] (tribe) *Chaenogobius*

**Family Oxudercidae**

Rhinogobiini Endruweit 2024:119 [ref. 41040] (tribe) *Rhinogobius* [not published according to the rules, not available]

Glossogobiini Endruweit 2024:203 [ref. 41040] (tribe) *Glossogobius* [not published according to the rules, not available]

**Order Syngnathiformes****Family Syngnathidae**

Scyphini Nardo 1843:244 [ref. 31940] (subfamily) *Scyphius* [Scyphiinae treated as a *nomen oblitum* by Hamilton *et al.* 2017:396 [ref. 35615], giving precedence to Nerophinae Kaup 1853]

Microphini Stiller *et al.* 2022: Additional file p. 14 [ref. 39142] (tribe) *Microphis*

Stigmatoporini Stiller *et al.* 2022: Additional file p. 15 [ref. 39142] (tribe) *Stigmatopora*

Leptonotini Stiller *et al.* 2022: Additional file p. 15. [ref. 39142] (tribe) *Leptonotus*

**Order Scombriformes****Suborder Scombroidei****Family Gempylidae**

*Macrorhynchiides* Billberg 1833:52 [ref. 34146] (Natio ≈ family) *Macrorhyncus* [as *Macrorhynchus*; family-group name not used after 1899, Kullander 2016:106 [ref. 34147]]

**Order Anabantiformes****Suborder Channoidei****Family Aenigmachannidae Britz *et al.* 2020**

Aenigmachannidae Britz, Dahanukar, Anoop, Philip, Clark, Raghavan & Rüber 2020:2 [ref. 37822] (family) *Aenigmachanna*

**Order Carangiformes****Suborder Pleuronectoidei****Family Citharidae**

*Eucitharidae* Romer 1966:361 [ref. 35240] (family) *Eucitharus* [name only, published after 1960, not available, Article 13.1.1]

**Family Paralichthyidae**

*Syaciumidae* Byrne 2018:44 (family) *Syacium* [named in an unavailable M. S. thesis, not available]

*Cyclopsettidae* Campbell, Chanet, Chen, Lee & Chen 2019:652 [ref. 36935] (family) *Cyclopsetta*

**Family Pleuronectidae**

*Atheresthinae* Vinnikov, Thomson & Munroe 2018:159 [ref. 35844] (subfamily) *Atheresthes*

*Pleuronichthyinae* Vinnikov, Thomson & Munroe 2018:159 [ref. 35844] (subfamily) *Pleuronichthys*

**Order Beloniformes****Family Scomberesocidae Bleeker 1858**

Scombresocioidei Bleeker 1858:170 [ref. 16982] (family) *Scomberesox* [*Scombresox* inferred from the stem]

**Family Zenarchopteridae**

*Hemirhamphodontinae* Hoedeman 1949 in Hoedeman & de Jong 1947-58:X.36.(11), p. 10, 14 [ref. 19665] (subfamily) *Hemirhamphodon* [Hoedeman Aug. 1950:X.38 in English edition]

*Nomorhamphinae* Hoedeman 1949 in Hoedeman & de Jong 1947-58:X.36.(11), p. 10, 16 [ref. 19665] (subfamily) *Nomorhamphus* [Hoedeman Aug. 1950:X.38 in English edition]



**Order Cyprinodontiformes****Family Rivulidae** Myers 1925

Rivulidae Myers 1925 proposed as valid family-group name (ICZN case 3747), van der Laan & van Nieukerken 2019:6 [ref. 36601]

Melanorivulini Costa in Drawert 2023:19 [ref. 40730] *Melanorivulus* [not published according to the rules, not available]

**Family Cyprinodontidae****Subfamily Cubanichthyinae**

Yssolebiini Huber 2015:13 [ref. 34041] (tribe) *Yssolebias*

**Subfamily Cyprinodontinae**

Orestiidae [ref. 35477] (family) *Orestias* [according to Freyhof, Özuluğ & Saç 2017:582 [ref. 35477] the prevailing spelling of the stem is Oresti-]

**Order Cichliformes****Family Cichlidae**

*Pelmatochromidi* Hoedeman 1954 in Hoedeman & de Jong 1947–58:X.60.762.124 [ref. 19665] (tribe) *Pelmatochromis* [name only, used as valid before 2000?; not available]

*Ptychochrominae* Tawil 2001:81 [ref. 37682] (subfamily) *Ptychochromis* [not published according to the rules, not available]

*Paratilapiinae* Tawil 2001:81 [ref. 37682] (subfamily) *Paratilapia* [not published according to the rules, not available]

*Boulengerochrominae* Tawil 2001:81 [ref. 37682] (subfamily) *Boulengerochromis* [not published according to the rules, not available]

*Hemichromini* Tawil 2001:81 [ref. 37682] (tribe) *Hemichromis* [not published according to the rules, not available]

*Chromidotilapiiini* Tawil 2001:79, 81 [ref. 37682] (tribe) *Chromidotilapia* [not published according to the rules, not available]

*Sarotherodontina* Tawil 2001:79, 80, 81, 83 [ref. 37682] (subtribe) *Sarotherodon* [not published according to the rules, not available]

*Oreochromina* Tawil 2001:79, 81, 82, 83 [ref. 37682] (subtribe) *Oreochromis* [not published according to the rules, not available]

*Cyphotilapiina* Tawil 2001:79, 81, 83 [ref. 37682] (subtribe) *Cyphotilapia* [not published according to the rules, not available]

*Cyrtocarina* Tawil 2001:78, 81, 83 [ref. 37682] (subtribe) *Cyrtocara* [not published according to the rules, not available]

*Pseudotropheina* Tawil 2001:78, 81, 83 [ref. 37682] (subtribe) *Pseudotropheus* [not published according to the rules, not available]

## Order Mugiliformes

### Family Mugilidae

- Rhinomugilinae Xia, Durand & Fu 2016:174 [ref. 34127] (subfamily) *Rhinomugil* [also as new tribe Rhinomugilini]
- Cheloninae Xia, Durand & Fu 2016:174 [ref. 34127] (subfamily) *Chelon* [preoccupied by Cheloninae Foerster 1862 in Hymenoptera (Braconidae), invalid]
- Trachystomaini Xia, Durand & Fu 2016:174 [ref. 34127] (tribe) *Trachystoma*
- Squalomugilini Xia, Durand & Fu 2016:174 [ref. 34127] (tribe) *Squalomugil*
- Crenimugilini Xia, Durand & Fu 2016:175 [ref. 34127] (tribe) *Crenimugil*

## Order Blenniiformes

### Family Pomacentridae

- Lepidozyginae Allen 1975:34 [ref. 97] (subfamily) *Lepidozygus*

### Suborder Gobiesocoei

#### Family Gobiesocidae

- Diademichthyidae Whitley 1950:127 [ref. 31944] (**family**) *Diademichthys* [also Whitley 1951b:403 [ref. 4715]]

### Suborder Blennioidei

#### Family Blenniidae

- Springerichthys Hundt et al. 2014:50 [ref. 38975] (clade / group name) [no valid type genus, not available, Article 11.7.1.1]
- Smithvanizichthys Hundt et al. 2014:50 [ref. 38975] (clade / group name) [no valid type genus, not available, Article 11.7.1.1]
- Almadablennius Hundt et al. 2014:52 [ref. 38975] (clade / group name) [no valid type genus, not available, Article 11.7.1.1]
- Williamsichthys Hundt et al. 2014:52 [ref. 38975] (clade / group name) [no valid type genus, not available, Article 11.7.1.1]

## Order Perciformes

### Suborder Percoidei

#### Family **Anthiadidae** Poey 1861 “Name in prevailing recent practice, Article 35.5”

- Anthiadides Poey 1861:363 [ref. 3499] (family) *Anthias* [stem changed to Anthian- by Bleeker 1874a:1 [ref. 5110]; stem corrected to Anthi- by Fowler & Bean 1930:176 [ref. 1477], confirmed by Fowler 1936c:741 [ref. 6546] and by Whitley 1951a:63, 64 [ref. 4711]; Anthiinae used as valid by: Nelson 1976 [ref. 32838], Nelson 1984 [ref. 13596], Nelson 1994 [ref. 26204], Eschmeyer 1998 [ref. 23416], Hoese et al. 2006, Nelson 2006 [ref. 32486], Allen & Erdmann 2008 [ref. 29480], Anderson & García- Moliner 2012 [ref. 31761], Williams, Delrieu-Trottin & Planes 2013 [ref. 32703], **but the stem Anthi- preoccupied by Anthies Bonelli 1813:18 [based on *Anthia* Weber 1801] in Carabidae (Coleoptera), so this stem invalid in fishes]**

**Suborder Notothenioidei**

Cryonotothenioidea Near *et al.* 2015:8 [ref. 36162] (“rank-free” group) ? [no stem of type genus, not available]

**Family Eleginopidae Gill 1893** [correct spelling, Sheiko 2019:58 [ref. 37173]]

**Family Nototheniidae**

**Subfamily Pleuragrammatinae** [although according to the rules Gelidinae Whitley 1937 can be used, we still prefer to use this widely cited name; *contra* Sheiko 2019:60 [ref. 37173]]

*Aethotaxinae* Miller 2001:445, 457 [ref. 36665] (subfamily) *Aethotaxis*

**Subfamily Nothoteniinae**

*Patagonototheniini* Andersen 1984:24 [ref. 13369] (tribe) *Patagonotothen* [correct stem is *Patagonotothen-*, see Sheiko 2019:65 [ref. 37173]]

**Subfamily Trematominae**

*Pagotheniini* Andersen 1984:24 [ref. 13369] (tribe) *Pagothenia*

**Family Channichthyidae**

*Champocephalinae* Voskoboinikova 2000:328 [ref. 25153] (subfamily)

*Champocephalus*

*Pagetopsinae* Voskoboinikova 2000:328, 329 [ref. 25153] (subfamily) *Pagetopsis* [once misspelled as *Pagetopsini*]

*Cryodraconini* Voskoboinikova 2000:329 [ref. 25153] (tribe) *Cryodraco* [once misspelled as *Chionodraconini*]

*Dacodraconini* Voskoboinikova 2000:329 [ref. 25153] (tribe) *Dacodraco*

**Family Bathydraconidae**

*Cygnodraconinae* Corso *et al.* 2024:279 [ref. 41485] (subfamily) *Cygnodraco* [not published according to the rules, not available]

**Suborder Scorpaenoidei**

**Family Zanclorhynchidae Andriashev 1993**

*Zanclorhynchinae* Andriashev 1993:133 [ref. 21897] (subfamily) *Zanclorhynchus*

**Suborder Cottoidei****Family Psychrolutidae**

*Eurymeninae* Jackson & Nelson 1998:1355 [ref. 23806] (subfamily) *Eurymen*

*Malacocottinae* Jackson & Nelson 1998:1356 [ref. 23806] (subfamily) *Malacocottus*

**Family Cyclopteridae**

*Eumicrotreminae* Oku, Imamura & Yabe 2017:53 [ref. 35060] (subfamily) *Eumicrotremus*

**Order Centrarchiformes****Family Percichthyidae**

**Percalatidae Sandel 2012 [ref. 34314] (family) *Percalates* [proposed in an unpublished dissertation, not available]**

Percalatidae Lavoué *et al.* 2014: 55 [ref. 34071] (family) *Percalates* [not published according to the rules, not available]

**Family Caesioscorpidae Parenti & Randall 2020**

Caesioscorpidae Parenti & Randall 2020:131 [ref. 37354] (family) *Caesioscorpis*

**Order Labriformes****Suborder Labroidei****Family Labridae**

**Cirrhilabrini Randall 1999:? [ref. 24041] (tribe) *Cirrhilabrus***

**Order Acropomatiformes****Family Lateolabracidae Ghedotti, Davis & Smith 2018**

Lateolabracidae Ghedotti, Davis & Smith in Ghedotti, Gruber, Barton, Davis & Smith 2018:[9] [ref. 36233] (family) *Lateolabrax*

**Family Lobotidae**

Hapalogenyidae Parenti 2019:81 [ref. 36744] (family) *Hapalogenys*

**Family Malakichthyidae**

Hemilutjanidae Parenti & Randall 2020:132 [ref. 37354] (family) *Hemilutjanus*

**Family Pempheridae Bleeker 1859****Family Stereolepididae Smith, Ghedotti & Davis. 2022**

Stereolepidae Dornburg & Near 2021:Tab. S1 [ref. 38723] (family) *Stereolepis* [not published according to the rules, not available]

Stereolepididae Smith, Ghedotti & Davis in Smith, Ghedotti, Domínguez-Domínguez, McMahan, Espinoza, Martin, Girard & Davis 2022: [ref. 39586] (family) *Stereolepis*

**Order Acanthuriformes****Family Leiognathidae**

Gazzinae Chakrabarty & Sparks 2015:298 [ref. 33837] (subfamily) *Gazza* [also as new tribe Gazzini]

Eubleekerini Chakrabarty & Sparks 2015:298 [ref. 33837] (tribe) *Eubleekeria*

Equulitini Chakrabarty & Sparks 2015:298 [ref. 33837] (tribe) *Equulites*

Nuquequulini Chakrabarty & Sparks 2015:298 [ref. 33837] (tribe) *Nuquequula*

**Family Lutjanidae**

**Jordanichthyidae Evermann & Clark 1928:686 [ref. 5565] (family) *Jordanichthys***

**Family Sciaenidae**

Pachyurinae Sasaki 1989:129 [ref. 19782] (subfamily) *Pachyurus* [also as tribe Pachyurini; **preoccupied by Pachyurini Kuschel 1959 in Coleoptera (Belidae), invalid**]

**Order Lophiiformes****Family Antennariidae**

*Chironectiides* Billberg 1833:52 [ref. 34146] (Natio ≈ family) *Chironectes*

**Family Histiophrynidae Arnold & Pietsch 2012**

*Histiophryninae* Arnold & Pietsch 2012:117 [ref. 31574] (subfamily) *Histiophryne*

**Family Rhycheridae Hart et al. 2022**

Rhycheridae Hart, Arnold, Alda, Kenaley, Pietsch, Hutchinson & Chakrabarty 2022:11 [ref. 39144] (family) *Rhycherus*

**Family Tathicarpidae Hart et al. 2022**

Tathicarpidae Hart, Arnold, Alda, Kenaley, Pietsch, Hutchinson & Chakrabarty 2022:11 [ref. 39144] (family) *Tathicarpus*

**Order Tetraodontiformes****Family Diodontidae Billberg 1833**

*Diodontiides* Billberg 1833:52 [ref. 34146] (Natio ≈ family) *Diodon*

**Family Tetraodontidae**

*Ooidiides* Billberg 1833:52 [ref. 34146] (Natio ≈ family) *Ovoides* [as *Ooides*]

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