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 more 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) (2019). ESCHMEYER'S CATALOG OF FISHES: GENERA, SPECIES, REFERENCES. Electronic version.

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

Galeocerdidae Herman & van den Eeckhaut 2010:51 [ref. 35300] (family) *Galeocerdo*

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."]

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 Rajiformes

Centrobatidae Jaekel 1898:51 [ref. 34311] (family) ? [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

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

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 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

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

Order Saccopharyngiformes

Family Neocyematidae

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

Order Clupeiformes

Pseudoclupeini Bleeker 1859d:XXX [ref. 371] (TRIBUS ≈ 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

Anadontostomidae [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, that name being based on the invalid genus *Anodontostoma* Tömäsvary 1883]

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

Platycarinae Macleay 1841:271 [ref. 32498] (family) *Platycara* [*nomen oblitum* Kottelat 2016:446 [ref. 32499]]

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]

Systomini Menon 1999:xii [ref. 24904] (tribe) *Systomus* [also as subtribe Systomina 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*

Order Characiformes

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 not to be used, preoccupied by Anodontinae Rafinesque 1820 in Mollusca]

Family Crenuchidae

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

Family Characidae

Eretmobryconini Thomaz, Arcila, Ortí & Malabarba 2015:13 [ref. 33893] (tribe) *Eretmobrycon*
Protocheirodontini Vari, Melo & Oliveira 2016: e150154 [ref. 34499] (tribe) *Protocheirodon*
Spintherobolinae Mirande 2018:14 [ref. 35990] (subfamily) *Spintherobolus*

Order Siluriformes

Family Ariidae

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

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*

Family Trichomycteridae

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

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*

Order Lophiiformes

Family Antennariidae

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

Order Gobiesociformes

Family Gobiesocidae

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

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

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] used Lampr- as stem (as used by us).

Family Veliferidae

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

Order Ophidiiformes

Family Ophidiidae

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

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]

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 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]

Suborder Cottoidei

Family Cyclopteridae

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

Order Perciformes

Family Lateolabracidae Ghedotti, Davis & Smith 2018

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

Family Percichthyidae

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

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

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*

Nuchequulini Chakrabarty & Sparks 2015:298 [ref. 33837] (tribe) *Nuchequula*

Family Pempheridae Bleeker 1859

Family Sciaenidae

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

Family Serranidae

Subfamily Anthiadinae 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]

Family Hapalogenyidae Parenti 2019

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

Suborder Mugiloidei

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*

Suborder Labroidei

Family Pomacentridae

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

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]]

Suborder Notothenioidei

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

Family Nototheniidae

Subfamily Pleuragrammatinae

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

Subfamily Nothoteniinae

Patagonototheniini Andersen 1984:24 [ref. 13369] (tribe) *Patagonotothen* [correct stem is Patagonotothen-]

Subfamily Trematominae

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

Family Channichthyidae

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

Order Pleuronectiformes

Family Citharidae

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

Family Paralichthyidae

Cyclopsettidae Campbell, Chanet, Chen, Lee & Chen 2019:[13] [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 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*]

References not in Eschmeyer's Catalog of Fishes

Bonelli, F. A. 1813 Observations entomologiques, deuxième partie, Turin, 1-52. [Also published as Mémoires de l'Académie Impériale des Sciences, Littérature et Beaux-Arts de Turin, v. 20: 433-484.]

Foerster, A. 1862. Synopsis der Familien und Gattungen der Braconen. Verhandlungen des Naturhistorischen Vereines der preussischen Rheinlande und Westphalens, v. 19: 225-288.

Kuschel, G. 1959. Nemonychidae, Belidae y Oxycorynidae de la fauna Chilena, con algunas consideraciones biogeográficas. Investigaciones Zoologicas Chilenas, v. 5: 229-271.