

# Catalog of Fishes Queries May 2017

Dennis Polack Fishwisepro

**For consistency I suggest that you use [no initials] – plural instead of [no initial] or [initials not given]**

**maeoticus, *Engraulis encrasicolus*** Pusanov [I. I.] & Zeeb [Y.] 1926:94 [Trudy Krim'skogo Naucno-Issledovatel'skogo Instituta Biologii i Biologiceskogo Fakul'teta v. 1; ref. [18576](#)] Sea of Azov, Russia/Ukraine. Syntypes: whereabouts unknown. •Synonym of *Engraulis encrasicolus* (Linnaeus 1758) -- (Svetovidov 1973:111 [ref. [7169](#)], Whitehead et al. 1988:316 [ref. [5725](#)], Bogutskaya & Naseka 2004:30 [ref. [28183](#)], Parin et al. 2014:51 [ref. [33547](#)]). •Synonym of *Engraulis encrasicolus* (Linnaeus 1758), but a valid **ssubspecies** as described -- (Ninua & Japoshvili 2008:164 [ref. [31251](#)]). **Current status:** Synonym of *Engraulis encrasicolus* (Linnaeus 1758). Engraulidae. Habitat: brackish, marine.

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**hubbsi, *Melamphaes*** Ebeling [A. W.] 1962:99, Fig. 36 [Dana Report No. 58; ref. [5896](#)] Southeast of St. Helena, 19°16'S, 1°48'W, Dana station D3981, depth 100 meters (300 meters wire out) over bottom depth of 5070 meters. Holotype: ZMUC P41152. Paratypes: (5) ZMUC P41153-55 (3). Type catalog: Nielsen 1974:59 [ref. [9588](#)]. •Valid as *Melamphaes hubbsi* Ebeling 1962 -- (Maul 1990:612 [ref. [17237](#)], Kotlyar 1996:273 [ref. [23292](#)], Kotlyar 2004:2 [ref. [27590](#)], Kotlyar 2016:256 [ref. [34507](#)], Kotlyar 2016:389 [ref. [35038](#)]). **Current status:** Valid as *Melamphaes hubbsi* Ebeling 1962. Melamphaidae. Distribution: Central tropical South Atlantic (**near of** St. Helena Island). Habitat: marine.

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**ater, *Cossyphus*** McClelland [J.] 1843:403, Pl. 22 (fig. 3) [Calcutta Journal of Natural History v. 4 (no. 4); ref. [2927](#)] Chusan, China. Holotype (unique): whereabouts unknown. Type catalog: Ferraris 2007:148 [ref. [29155](#)]. •Species inquirenda in *Clarias* -- (Ferraris 2007:148 [ref. [29155](#)]). •Synonym of *Clarius magur* (Hamilton 1822) -- (Kottelat 2013:243 [ref. [32989](#)] with question). **Current status:** Uncertain as *Clarias* **magar** (Hamilton 1822). Clariidae. Habitat: freshwater.

**magur**

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**macrolepis, *Oxyurichthys*** Chu [Y.-T.] & Wu [H. W.] in Chu, Chan & Chen 1963:425, Fig. 321 [Ichthyofauna of the East China Sea; ref. [18002](#)] Ta Chen Island, Zhejiang Province, China. Holotype: SFI. 60-1281(lost). Paratypes: SFI 43489 (1). •Questionably a synonym of ***Oxyurichthys baliurus*** (Valenciennes 1837) -- (Pezold & Larson 2015:6, 87 [ref. [33894](#)]). **Current status:** Uncertain as ***Oxyurichthys baliurus*** (Valenciennes 1837). Gobiidae: Gobionellinae. Habitat: marine.

**Arcygobius**

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**kamul, *Squalus*** Bloch [M. E.] & Schneider [J. G.] 1801:138 [M. E. Blochii, Systema Ichthyologiae; ref. [471](#)] Unneeded new name for (or emendation of) and objective synonym of *Squalus kumal* Forsskal 1775. •Questionably a synonym of *Nebrius ferrugineus* (Lesson 1831) -- Fricke 2008:8 [ref. [30182](#)]. **Current status:** Uncertain as *Nebrius* **ferrugineus** (Lesson 1831). Ginglymostomatidae. Habitat: marine.

**ferrugineus**

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**pumatensis, Oreoglanis** Nguyen [H. D.] & Nguyen [V. H.] in Nguyen [V. H.] 2005:648, Fig. 57 [Freshwater fishes of Vietnam v. 2; ref. 29730] Pù Mát, Nghê An Province, Vietnam. Holotype: Univ. Su Pham, Ha Noi. Paratypes: (7). Authorship also seen as Duc & Hao in Hao. •Synonym of *Oreoglanis infulatus* Ng & Freyhof 2001 -- (Vidthayanon et al. 2009:154-155 [ref. 30420]). •Species inquirenda as *Oreoglanis pumanensis* -- (Kottelat 2013:228 [ref. 32989]). **Current status:** Uncertain as ***Oreoglanis puma* Ng & Freyhof 2001**. Sisoridae: Glyptosterninae. Distribution: Pù Mát, mountainous area of Nghê An Province, Vietnam. Habitat: freshwater.

### ***Oreoglanis pumatensis* Nguyen & Nguyen 2005**

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**arundinaceus, Ptyobranhus** McClelland [J.] 1844:200, 204, 221, Pl. 10 (fig. 1) [Calcutta Journal of Natural History v. 5 (no. 18); ref. 2928] Bengal, India. No types known. •Valid as *Moringua arundinacea* (McClelland 1844) -- (Talwar & Jhingran 1991:76 [ref. 20764]). •Declared a nomen oblitum by Castle 1968; in the **synonym** of *Moringua guthriana* (McClelland 1844) -- (Kottelat 2013:39 [ref. 32989]). **Current status:** Synonym of *Moringua guthriana* (McClelland 1844). Moringuidae. Distribution: Northern Indian Ocean. Habitat: brackish.

### **synonymy**

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**gronovii, Salmo** Walbaum [J. J.] 1792:83, 659 [Petri Artedi sueci genera piscium Part 3; ref. 4572] America. Based on Gronovius, Zoophy. 377. •Same as *Charax gracilis* Gronow in Gray 1854 -- (Paolo Parenti, pers. comm.). **Current status:** Synonym of ***Charax gracilis* Gronow 1854**. Characidae: Characinae. Habitat: freshwater.

***Charax gracilis* is not a valid name see record below.**

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**gracilis, Charax** Gronow [L. T.] in Gray 1854:154 [Catalogue of fish collected and described by Laurence Theodore Gronow; ref. 1911] Tropical America. No types known. •**Species inquirenda in Characidae** -- (Reis et al. 2003:159 [ref. 27061]). Characidae: Characinae. Habitat: freshwater.

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**drygalskii, Centrophorus** Engelhardt [R.] 1912:645 [Zoologischer Anzeiger v. 39 (nos 21/22); ref. 17459] Enoura, Sagami Bay, and off Yokohama, Sagami Bay, Japan. Syntypes: ZSM [old collection] (1 female) (1 male) destroyed during WWII. Type catalog: Neumann 2006:268 [ref. 28925]. •Questionably a synonym of ***Centrophorus acus* Garman 1906**-- (Compagno 1984:36 [ref. 6474]). **Current status:** Uncertain as ***Centrophorus acus* Garman 1906**. Centrophoridae. Habitat: marine.

### ***Centrophorus granulosis* Bloch & Schneider 1801.**

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**acumineata, Plagusia** Castelnau [F. L.] 1875:44 [Researches on the fishes of Australia No. 2; ref. 768] Fremantle, Western Australia, Australia. Syntypes: MNHN A-5189 (1). Type catalog: Desoutter et al. 2001:333 [ref. 25922]. •Synonym of *Paraplagusia bilineata* (Bloch 1787) -- (Desoutter 1986:433 [ref. 6212], Desoutter et al. 2001:333 [ref. 25922]). •Valid as *Paraplagusia acumineata* (with author as Bloch 1787) -- (Hutchins 2001:47 [ref. 25847], Hoese & Bray 2006:1856 [ref. 29000], Kottelat 2013:468 [ref. 32989]). **Current status:** **Synonym of *Paraplagusia acumineata* (Bloch 1787)**. Cynoglossidae: Cynoglossinae. Distribution: Western Australia. Habitat: brackish, marine.

**This is either**

**Valid as *Paraplagusia acumineata* (Castelnau 1875).**

**or**

**Synonym of *Paraplagusia bilineata* (Bloch 1787).**

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**micropogon, Wallago** Ng [H. H.] 2004:93, Fig. 1 [Copeia 2004 (no. 1); ref. 27505] Stung Treng morning market, 13°30.0'N, 105°58.0'E, Cambodia. Holotype: UMMZ 232320. Paratypes: UMMZ 186807 (1); USNM 103315 (1), 227965 (5). Type catalog: Ferraris 2007:381 [ref. 29155]. •Valid as *Wallago micropogon* Ng 2004 -- (Ferraris 2007:381 [ref. 29155], Kottelat 2013:240 [ref. 32989]). •Possibly a synonym of *Wallagonia leerii* (Bleeker 1851) -- (Roberts 2014:36 [ref. 33394]). **Current status:** Uncertain as ***Wallagonia micropogon*** (Bleeker 1851). Siluridae. Distribution: Mekong River drainage of Vietnam, Cambodia and Laos; middle Chao Phraya River drainage, central Thailand (if valid). Habitat: freshwater.

### **Wallagonia leerii**

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**bilineatus, Lepadichthys** Craig [M. T.], **Bogorodsky [S. V.], Randall [J. E.]** in Craig, Bogorodsky, Randall & Mal 2015:114, Fig. 1A [Zootaxa 3990 (no. 1); ref. 33898] Southeastern coast, Rahah Bay, 16°57'N, 54°49'E, Oman, depth 0-1.5 meters. Holotype (unique): BPBM 36336. •Valid as *Lepadichthys bilineatus* Craig, Bogorodsky & Randall 2015. **Current status:** Valid as *Lepadichthys bilineatus* Craig, Bogorodsky & Randall 2015. Gobiessocidae: Diademichthyinae. Distribution: Oman (western Indian Ocean). Habitat: marine.

### **Bogorodsky [S. V.] & Randall [J. E.]**

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**siamorientalis, Betta** Kowasupat [C.], Panijpan [B.], **Ruenwongsa [P.] Jeenthong [T.]** 2012:389, Fig. 1-3 [Vertebrate Zoology v. 62 (no. 3); ref. 32320] Sai Hai village (13°42'N, 101°13'E), Tha Thonglang subdistrict, Bang Khla district, Chachoengsao province, Thailand. Holotype: THNHM-F-01540. Paratypes: many at THNHM. •Valid as *Betta siamorientalis* Kowasupat, Panijpan, Ruenwongsa & Jeenthong 2012 -- (Kottelat 2013:452 [ref. 32989]). **Current status:** Valid as *Betta siamorientalis* Kowasupat, Panijpan, Ruenwongsa & Jeenthong 2012. Osphronemidae: Macropodusinae. Distribution: Thailand. Habitat: freshwater.

### **Ruenwongsa [P.] & Jeenthong [T.]**

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**anniae, Stiphodon** Keith [P.] & **[R. K.] Hadiaty** 2015:268, Figs. 1-2 [Cybium v. 38 (no. 4) (for 2014); ref. 33653] South Wosea, DS. Sawai, Weda Tengah, Halmahera, Maluku, Indonesia. Holotype: MZB 18930. Paratypes: MNHN. •Valid as *Stiphodon anniae* Keith & Hadiaty 2015 -- (Keith et al. 2015:178 [ref. 34328]). **Current status:** Valid as *Stiphodon anniae* Keith & Hadiaty 2015. Gobiidae: Gobiinae. Distribution: Halmahera, Indonesia [assumed to be amphidromous]. Habitat: freshwater, brackish, marine.

### **Hadiaty [R. K.]**

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**trachura, Belone** Valenciennes [A.] in Cuvier & Valenciennes 1846:456 [Histoire naturelle des poissons v. 18; ref. 1011] Ascension Island. Lectotype: MNHN 0000-4512. Paralectotypes: MNHN B-2573 [ex 4512] (1). Type catalog: Collette et al. 1997:8 [ref. 22813]. Lectotype selected by Collette & Parin 1970:33 [ref. 7415]. •Synonym of *Platybelone argalus* (Lesueur 1821), but a valid subspecies *trachura* -- (Collette & Parin 1970:33 [ref. 7415], Collette & Parin in Whitehead et al. 1986:607 [ref. 13676], Collette & Parin 1990:594 [ref. 16473], Collette 2003:4, 16 [ref. 27306], Collette 2016:2121, 2124 [ref. 34601]). •Valid as *Platybelone trachura* (Valenciennes 1846) -- (Wirtz et al. 2014:4 [ref. 33516]). **Current status:** **Synonym of** *Platybelone trachura* (Valenciennes 1846). Belonidae. Distribution: Eastern Atlantic: Madura and Ascension Island [if valid]. Habitat: marine.

### **Valid as**

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***albiaxillaris, Pomacentrus*** Allen [G. R.], Erdmann [M. V.] & Pertiwi [P. D.] 2017:51, Figs. 2-3, 4B, 5, 6A, 7B [Journal of the Ocean Science Foundation v. 25; ref. [35154](#)] Republic of Palau, SE of Koror, Uchelbeluu Reef, 7°16.680'N, 134°33.272'E. Holotype: ROM 78468. Paratypes: ROM, USNM, WAM P. Plus non-type specimens. The third author is spelled Pertiwi and not Purtiwi [email 3/25/2017 from Benjamin Victor]. •Valid as *Pomacentrus albiaxillaris* Allen, Erdmann & Pertiwi 2017. **Current status:** Valid as *Pomacentrus albiaxillaris* Allen, Erdmann & **Pertiwi** 2017. Pomacentridae. Distribution: Palau. Habitat: marine.

#### **Name discrepancy 4 other records use **Purtiwi****

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***caesifrons, Chrysiptera*** Allen [G. R.], Erdmann [M. V.] & **Kurniasih** 2015:20, Figs. 1-2 & 7a [Journal of the Ocean Science Foundation v. 15; ref. [33797](#)] Ayau Kecil Island, Ayau Atoll, Raja Ampat Islands, West Papua Province, Indonesia, 00°21.342'S, 130°58.648'W, depth 1.5-2.0 meters. Holotype: MZB 22260. Paratypes: MZB, WAM. Plus non-type specimens. •Valid as *Chrysiptera caesifrons* Allen, Erdmann & Kurniasih 2015. **Current status:** Valid as *Chrysiptera caesifrons* Allen, Erdmann & Kurniasih 2015. Pomacentridae. Distribution: Raja Ampat Islands, Indonesia. Habitat: marine.

#### **Kurniasih [E.]**

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***mbigua, Hoplias*** Azpelicueta [M. de las M.], Benítez [M. F.], Aichino **[D. R.]**, & **Mendez** [C. M. D.] 2015:73, Figs. 1, 2, 4A, 5, 6A, 7A [Acta Zoológica Lilloana 59 (no. 1-2); ref. [34030](#)] Provincia de Misiones, río Paraná in Nemesio Parma, Argentina, 27°21'23.04"S, 56°1'1.92"W. Holotype: CI-FML 6763. Paratypes: CI-FML, LGE-P. •Valid as *Hoplias mbigua* Azpelicueta, Benítez, Aichino & Mendez 2015 (Rosso et al. 2016:206 [ref. [34785](#)], Koerber et al. 2017:2 [ref. [35083](#)], Koerber et al. 2017:20 [ref. [35267](#)]). **Current status:** Valid as *Hoplias mbigua* Azpelicueta, Benítez, Aichino & Mendez 2015. Erythrinidae. Distribution: Paraná River, Argentina and Paraguay. Habitat: freshwater.

#### **[D. R.] & Mendez**

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***vali, Neotrygon*** Borsa **[P.]** 2017:5, Fig. 13 [bioRxiv; ref. [35149](#)] Honiara, Guadalcanal Island, Solomon Islands. Holotype (unique): CSIRO H.7723-01. Description fulfills conditions of ICZN and is therefore available (Ron Fricke email 4/2017). •Uncertain in *Neotrygon* Castelnau 1873. **Current status:** Uncertain as *Neotrygon vali* Borsa 2017. Dasyatidae: Neotrygoninae. Distribution: Western Pacific: Solomon Islands (if valid). Habitat: marine.

#### **Possibly Borsa [Ph.]**

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***waiapi, Poecilia Bragança*** **[P. H. N.]**, Costa [W. J. E. M.] & Gama [C. S.] 2012:338, Figs. 1-2 [Ichthyological Exploration of Freshwaters v. 22 (no. 4); ref. [31747](#)] Bank of rio Jari north of Laranjal do Jari, 0°43'38"S, 52°30'54"W, Estado do Amapá, Brazil, elevation 35 meters. Holotype: IEPA 2763. Paratypes: IEPA 2026 (2), 2755 (37); UFRJ 8141 (23, 8 c&s), 8142 (2, c&s). •Valid as *Poecilia waiapi* Bragança, Costa & Gama 2012 -- (Meyer 2015:275 [ref. [34698](#)]). **Current status:** Valid as *Poecilia waiapi* Bragança, Costa & Gama 2012. Poeciliidae: Poeciliinae. Distribution: Lower Jari River, northern Brazil. Habitat: freshwater.

#### **Bragança [P. H. N. de]**

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***santosi, Leporinus*** Britski [H. A.] & **Birindelli [J. O. S.]** 2013:26, Figs. 1-2 [Neotropical Ichthyology v. 11 (no. 1); ref. [32699](#)] Parauapebas, igarapé de Pojuca, tributary of rio Itacaiúnas, at Caldeirão, approximately 5°52'S, 50°32'W, Pará, Brazil. Holotype: MZUSP 110000. Paratypes: Many ANSP, INPA, MZUSP. •Valid as *Leporinus santosi* Britski & Birindelli 2013. **Current status:** Valid as *Leporinus santosi* Britski & Birindelli 2013. Anostomidae. Distribution: Rio Itacaiunas, large tributary of lower rio Tocantins, Brazil. Habitat: freshwater.

## Birindelli [J. L. O.]

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**waisihani, Triplophysa** Cao [L.] & **Zhang [E.]** 2008:35, Figs. 1-7 [Zootaxa No. 1932; ref. 29966] Kax River, tributary of the Ili River drainage at Dunmaza Town (43°82'N, 81°53'E), Yingying County, Xinjiang-Uighur Autonomous Region, northwestern China. Holotype: IHASW 890064. Paratypes: IHASW 890035, 37-39, 41-52, 54-58, 60-63, 68-70, 75, 78. •Valid as *Triplophysa waisihani* Cao & Zhang 2008 -- (Kottelat 2012:132 [ref. 32367], Zhang et al. 2016:145 [ref. 34477]). **Current status:** Valid as *Triplophysa waisihani* Cao & Zhang 2008. Nemacheilidae. Distribution: Kax River, tributary of the Ili River, and Manas River drainage, Xinjiang-Uighur Autonomous Region, China. Habitat: freshwater.

## Zhang [E]

:

**uaiso, Hyphessobrycon** **Carvalho [F. R.]** & Langeani [F.] 2013:526, Figs. 1-3 [Neotropical Ichthyology v. 11 (no. 3); ref. 32913] Minas Gerais, Ponte Alta District, municipality of Uberaba, headwaters of rio Uberaba, near BR-262 road, 19°40'58.7"S , 47°40'7.3"W, Brazil, elevation 1020 meters. Holotype: DZSJRP 16460. Paratypes: Many at DZSJRP, INPA, LIRP, MCP, MNRJ, MZUEL, MZUSP, NUP, UFRGS. •Valid as *Hyphessobrycon uaiso* Carvalho & Langeani 2013. **Current status:** Valid as *Hyphessobrycon uaiso* Carvalho & Langeani 2013. Characidae: Pristellinae. Distribution: Minas Gerias State, Brazil. Habitat: freshwater.

## Possibly - Carvalho [F. R. de]

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**macaubensis, Simpsonichthys** Costa [W. J. E. M.] & **Suzart [R.]** in Costa 2006:34, Figs. 7-8 [Zootaxa No. 1306; ref. 28771] Temporary pool near Macaúbas, rio Paramirim drainage, rio São Francisco basin, about 13°00'S, 42°30'W, Estado da Bahia, Brazil, elevation 680 meters. Holotype: UFRJ 6385. Paratypes: UFRJ 6105 (1), 6106 (12, c&s). •Valid as *Simpsonichthys macaubensis* Costa & Suzart 2006 -- (Costa 2007:100 [ref. 29445]). •Valid as *Hypsolebias macaubensis* (Costa & Suzart 2006) -- (Costa 2011:222 [ref. 31654], Costa et al. 2013:1 [ref. 32952], Britzke et al. 2016:134 [ref. 34461]). **Current status:** Valid as *Hypsolebias macaubensis* (Costa & Suzart 2006). Cynolebiidae. Distribution: Paramirim River drainage, São Francisco River basin, Bahia, Brazil. Habitat: freshwater.

## Suzart [R. dos R.]

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**auriferus, Prorivulus** Costa [W. J. E. M.], Lima [S. M. Q.] & **Suzart [R.]** in Costa 2004:3, Figs. 1-2 [Zootaxa No. 642; ref. 27874] Valença, coastal stream, (24L 0503477 UTM 8505050), Estado da Bahia, Brazil. Holotype: UFRJ 5932. Paratypes: UFRJ 5933 (4), 5934 (3, c&s). •Valid as *Prorivulus auriferus* Costa, Lima & Suzart 2004. **Current status:** Valid as *Prorivulus auriferus* Costa, Lima & Suzart 2004. Cynolebiidae. Distribution: Brazil. Habitat: freshwater.

## Suzart [R. dos R.]

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**paraguassuensis, *Cynolebias*** Costa [W. J. E. M.], **Suzart [R.]** & Nielsen [D. T. B.] 2007:130, Figs. 1-2 [aqua, International Journal of Ichthyology v. 12 (no. 3); ref. [29226](#)] Município de Itaberaba, temporary pool close to road BA-488, near riacho Novo, a tributary of rio Paraguaçu, about 12°20'S, 40°00'W, Estado de Bahia, Brazil. Holotype: UFRJ 6454. Paratypes: UFRJ 6455 (5), 6456 (1), 6457 (3, c&s). •Valid as *Cynolebias paraguassuensis* Costa, Suzart & Nielsen 2007 -- (Costa 2014:80 [ref. [33510](#)]). **Current status:** Valid as *Cynolebias paraguassuensis* Costa, Suzart & Nielsen 2007. Cynolebiidae. Distribution: Paraguaçu River drainage, Brazil. Habitat: freshwater.

**Suzart [R. dos R.]**

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**bilineatus, *Lepadichthys*** Craig [M. T.], **Bogorodsky [S. V.], Randall [J. E.]** in Craig, Bogorodsky, Randall & Mal 2015:114, Fig. 1A [Zootaxa 3990 (no. 1); ref. [33898](#)] Southeastern coast, Rahah Bay, 16°57'N, 54°49'E, Oman, depth 0-1.5 meters. Holotype (unique): BPBM 36336. •Valid as *Lepadichthys bilineatus* Craig, Bogorodsky & Randall 2015. **Current status:** Valid as *Lepadichthys bilineatus* Craig, Bogorodsky & Randall 2015. Gobiesocidae: Diademichthyinae. Distribution: Oman (western Indian Ocean). Habitat: marine.

**Bogorodsky [S. V.] & Randall [J. E.]**

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**nigrotaeniatus, *Creagrutus*** Dagosta [F. C. P.] & **Pastana [M. N. D. L.]** 2014:572, Figs. 1- 5, 8 [Zootaxa 3765 (no. 6); ref. [33181](#)] Mata Grosso State, Sepezal Municipality, rio Juruena, Bacia do rio Tapajós, 12°50'59"S, 58°55'36"W. Brazil. Holotype: LIRP 8967. Paratypes: LIRP 8966 (1 c&s), 8968 (1); MZUSP 113740 (1). •Valid as *Creagrutus nigrotaeniatus* Dagosta & Pastana 2014 -- (Thomaz et al. 2015:Add. 5 [ref. [33893](#)]). **Current status:** Valid as *Creagrutus nigrotaeniatus* Dagosta & Pastana 2014. Characidae: Stevardiinae. Distribution: Rio Juruena, Bacia do rio Tapajós, Brazil. Habitat: freshwater.

**Pastana [M. N. D. L.] 3X and Pastana [M. N. de L.] 1X have both been used.**

**I will standardize On Pastana [M. N. D. L.]**

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**molango, *Herichthys*** De la Maza-Benignos [M.] & **Lozano-Vilano [M. L.]** 2013:114, Figs. 10-11, 15 [Zootaxa 3734 (no. 2); ref. [32982](#)] Laguna Azteca, Hidalgo, 20.80388333N, 98.74801667E, Mexico, elevation 1274 meters. Holotype: UANL 10214. Paratypes: UANL 17510 (23). •Valid as *Nosferatu molango* (De la Maza-Benignos & Lozano-Vilano 2013) -- (De la Maza-Benignos et al. 2015:210 [ref. [33310](#)], McMahan et al. 2015:220 [ref. [33920](#)]). •Valid as *Herichthys molango* De la Maza-Benignos & Lozano-Vilano 2013 -- (Paepke et al. 2014:55 [ref. [32982](#)], Mejía et al. 2015:73 [ref. [33860](#)], Řičan et al. 2016:40 [ref. [34357](#)]). **Current status:** Valid as *Herichthys molango* De la Maza-Benignos & Lozano-Vilano 2013. Cichlidae: Cichlinae. Distribution: Laguna Azteca, Mexico. Habitat: freshwater.

**Lozano-Vilano [M. de L.]**

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**zairensis, *Schilbe*** **De Vos [L.]** 1995:285, Fig. 201 [Annales du Musée Royal de l'Afrique Centrale, Série Sciences Zoologiques v. 271; ref. [23748](#)] Lemfu, Inkisi River, lower Congo River Basin, Democratic Republic of Congo, about 5°18'S, 15°13'E. Holotype: MRAC 86-21-P-98. Paratypes: MRAC 85-19-P-15 (1), 86-21-P-99-101 (3), 86-21-P-102-105 (4). Type catalog: Ferraris 2007:366 [ref. [29155](#)]. •Valid as *Schilbe zairensis* De Vos 1995 -- (Ferraris 2007:366 [ref. [29155](#)]). **Current status:** Valid as *Schilbe zairensis* De Vos 1995. Schilbeidae. Distribution: Lower Congo River basin, central Africa. Habitat: freshwater.

**De Vos [L. D. G.]**

**pame, *Herichthys*** De la Maza-Benignos [M.] & **Lozano-Vilano [M. L.]** 2013:112, Figs. 8-9, 15 [Zootaxa 3734 (no. 2); ref. 32982] Río Tamasopo, San Luis Potosí, 22.51666667°N, 99.65°W, Mexico, elevation 393 meters. Holotype: UANL 19213. Paratypes: UANL 17436 (13), 17506 (14). •Valid as *Nosferatu pame* (De la Maza-Benignos & Lozano-Vilano 2013) -- (De la Maza-Benignos et al. 2015:210 [ref. 33982], McMahan et al. 2015:220 [ref. 33920]). •Valid as *Herichthys pame* De la Maza-Benignos & Lozano-Vilano 2013 -- (Paepke et al. 2014:55 [ref. 33351], Mejía et al. 2015:71 [ref. 33860], Řičan et al. 2016:40 [ref. 34357]). **Current status:** Valid as *Herichthys pame* De la Maza-Benignos & Lozano-Vilano 2013. Cichlidae: Cichlinae. Distribution: Río Tamasopo, San Luis Potosí, Mexico. Habitat: freshwater.

### **Lozano-Vilano [M. de L.]**

:

**pratinus, *Herichthys*** De la Maza-Benignos [M.] & **Lozano-Vilano [M. L.]** 2013:109, Figs. 6-7, 15 [Zootaxa 3734 (no. 2); ref. 32982] Río Micos, San Luis Potosí, 22°11626667N, 99°16976667E, Mexico, elevation 223 meters. Holotype: UANL 19212. Paratypes: UANL 17503 (26). •Valid as *Nosferatu pratinus* (De la Maza-Benignos & Lozano-Vilano 2013) -- (De la Maza-Benignos et al. 2015:210 [ref. 33310], McMahan et al. 2015:220 [ref. 33920]). •Valid as *Herichthys pratinus* De la Maza-Benignos & Lozano-Vilano 2013 -- (Paepke et al. 2014:55 [ref. 33351], Mejía et al. 2015:71 [ref. 33860]). •Synonym of *Herichthys pantostictus* (Taylor & Miller 1983) -- (Řičan et al. 2016:41 [ref. 34357]). **Current status:** Synonym of *Herichthys pantostictus* (Taylor & Miller 1983). Cichlidae: Cichlinae. Distribution: Río Micos, San Luis Potosí, Mexico (if valid). Habitat: freshwater.

### **Lozano-Vilano [M. de L.]**

:

**pardalis, *Urobatis*** Del Moral-Flores [**L. F.**], Angula [A.], López [M. I.] & Bussing [W. A.] 2015:502, Figs. 1-7 [Revista de Biología Tropical v. 63 (no. 2); ref. 33729] Playa Escondida, Provincia de Puntarenas, Costa Rica, 9°40'0.0012"N, 84°40'24.6"W. Holotype: UCR 2289-01. Paratypes: UCR. Type catalog: Angulo et al. 2015:386 [ref. 35212]. Author publishes as Moral-Flores. •Valid as *Urobatis pardalis* Moral-Flores, Angula, López & Bussing 2015 -- (Weigmann 2016:161 [ref. 34211], Last & McEachran 2016:662 [ref. 35013]). **Current status:** Valid as *Urobatis pardalis* Del Moral-Flores, Angula, López & Bussing 2015. Urotrygonidae. Distribution: Eastern Pacific: Costa Rica. Habitat: marine. [**L. F.**]

:

**unami, *Ginglymostoma*** Del Moral-Flores [L. F.], Ramíz-Antonio [E.], Angulo [A.] & **G. Pérez-Ponce de León** 2015:49, Figs. 1-5 [Revista Mexicana de Biodiversidad v. 86; ref. 33728] Punta Salchii, Puerto Angel, Oaxaca, Mexico, 15°40'N, 96°21'W. Holotype: CNPE-IBUNAM 18850. Paratypes: CNPE-IBUNAM, CPFES, UCR. Plus non-type specimens. Type catalog: Angulo et al. 2015:375 [ref. 35212]. •Valid as *Ginglymostoma unami* Del Moral-Flores, Ramíz-Antonio, Angulo & Pérez-Ponce de León 2015 -- (Del Moral-Flores et al. 2016:71 [ref. 34398], Weigmann 2016:7 [ref. 34211]). **Current status:** Valid as *Ginglymostoma unami* Del Moral-Flores, Ramíz-Antonio, Angulo & Pérez-Ponce de León 2015. Ginglymostomatidae. Distribution: Mexico to Peru. Habitat: marine.

### **Pérez-Ponce de León [G.]**

:

**taiwanensis, *Clariger*** Jang-Liaw [N.-H.], Gong [Y.-H.] & **Chen [I.-S.]** 2012:15, Figs. 1-2 [ZooKeys No. 199; ref. 32010] Keelung City, Chau-Jin Park, 25°08.48'N, 121°48.140'E, Taiwan, depth tide pool. Holotype: NTOU P-2011-11-062. Paratypes: NMMST P 01302 (1); NTOU P-2006-06-156 (5), 2011-11-057 (1), 2011-11-059 (1). •Valid as *Clariger taiwanensis* Jang-Liaw, Gong & Chen 2012. **Current status:** Valid as *Clariger taiwanensis* Jang-Liaw, Gong & Chen 2012. Gobiidae: Gobionellinae. Distribution: Taipei County and Keelung City, Taiwan. Habitat: marine.

### **Chen [I.-S.] – no space !**

**geo**, *Hoplolatilus* **Fricke [H.]** & Kacher [H.] 1982:247, Figs. 1-2 [Senckenbergiana Maritima v. 14 (nos 5-6); ref. [8482](#)] Ras Nasrani, depth 80 meters; Ras um Sid near Sharm El Scheikh, depth 100-116 meters, along the Sinai coast, Sharm el Sheikh, South Sinai Governorate, Egypt, Red Sea. No types known. Observed from diving vehicle, no specimens collected; name still available. •Valid as *Hoplolatilus geo* Fricke & Kacher 1982 -- (Goren & Dor 1994:32 [ref. [25356](#)], Earle & Pyle 1997:382 [ref. [22771](#)], Allen 2007:105 [ref. [29223](#)], Allen et al. 2010:172 [ref. [30989](#)]). **Current status:** Valid as *Hoplolatilus geo* Fricke & Kacher 1982. Malacanthidae: Malacanthinae. Distribution: Northern Red Sea endemic. Habitat: marine.

### **Fricke [H.-W.]**

:

**nipponicus**, *Gasterosteus* Higuchi [M.], Sakai [H.] & **Gotu [A.]** 2014:346, Figs. 1, 2a, 4 [Ichthyological Research v. 61 (no. 4); ref. [33316](#)] Usujiri, Minami-kayabe, Hokkaido, Japan Sea. Holotype: HUMZ 97486. Paratypes: Many at HUMZ, LBM, NSMT-P. Plus non-type specimens. •Valid as *Gasterosteus nipponicus* Higuchi, Sakai & Gotu 2014 -- (Tohkairin et al. 2015:6 [ref. [35331](#)], Dylidin & Orlov 2017:57 [ref. [35138](#)]). **Current status:** Valid as *Gasterosteus nipponicus* Higuchi, Sakai & **Gotu** 2014. Gasterosteidae. Distribution: North Pacific: Japan Sea, sea of Okhotsk, to Korean Peninsula and to Sakhalin Island, Russia. Habitat: freshwater, brackish, marine.

### **Gotu**

:

**duchuunguyeni**, *Opsariichthys* Huynh [T. Q.] & **Chen [I. S.]** 2014:136, Figs. 1-2 [Journal of Marine Science and Technology v. 21, Suppl. [for 2013]; ref. [33158](#)] Ky Cung River, Ky Chun -- Bang Giang river basin, Chi Lang commune, Trang Dinh district, Lang Son Province, Vietnam, 22°17'20.7"N, 106°27'30.0"E. Holotype: NTOUP-2013-10-186. Paratypes: NTOU P-2013-10-185 (3), -187 (1). •Valid as *Opsariichthys duchuunguyeni* Huynh & Chen 2014. **Current status:** Valid as *Opsariichthys duchuunguyeni* Huynh & Chen 2014. Cyprinidae: Xenocyprinae. Distribution: Ky Cung River, Vietnam. Habitat: freshwater.

### **Chen [I-S.]**

:

**longidorsalis**, *Utiaritichthys* Jégu [M.], **de Morais [L.]** & Santos [G. M. dos] 1992:114, Figs. 1, 7a, 7b, 8 [Cybium v. 16 (no. 2); ref. [19734](#)] Rio Aripuana, 3 kilometers from above the Dardanellos Fall, Madeira basin, 60°40'W, 9°10'S, Brazil. Holotype: INPA 3638. Paratypes: INPA 4811 (1). •Valid as *Utiaritichthys longidorsalis* Jégu, de Morais & Santos 1992 -- (Jégu in Reis et al. 2003:192 [ref. [27061](#)], Pereira & Castro 2014:397 [ref. [33385](#)], Andrade et al. 2016:165 [ref. [34307](#)]). **Current status:** Valid as *Utiaritichthys longidorsalis* Jégu, de Morais & Santos 1992. Serrasalminae. Distribution: Rio Madeira River basin, rio Amazonas system, Brazil. Habitat: freshwater.

### **Tito de Morais [L.] – often as**

:

**exilicauda**, *Huigobio* Jiang [Z.-G.] & **Zhang [E.]** 2013:174, Figs. 1A, 2 [Zootaxa 3731 (no. 1); ref. [32958](#)] Guangdong Province: Lianping County (approximately 114°28'E, 24°22'N): a tributary discharging into the Dong-Jiang of upper Pearl River basin, China. Holotype: IHB 76IV7485. Paratypes: IHB 76IV6929, 7483, 7490, 7499, 7501, 7583 (6). Plus non-type specimens. •Valid as *Microphysogobio exilicauda* (Jiang & Zhang 2013) -- (Huang et al. 2016:207 [ref. [34842](#)], Huang et al. 2017:table 1 [ref. [35245](#)]). **Current status:** Valid as *Microphysogobio exilicauda* (Jiang & Zhang 2013). Cyprinidae: Gobioninae. Distribution: Pearl and Yangtze River basins, Guangdong and Jiangxi Provinces, southern China. Habitat: freshwater.

### **Zhang [E] – Bill indicated that E is a name and not an initial.**

:



***manibuii, Melanotaenia*** Kadarusman, Slembrouck [J.] & **Pouyaud [F.]** in Nugraha et al. 2015:118, Fig. 20 [Cybium v. 39 (no. 2) (for 30 June)]; ref. [33872](#)] Tisbo River near Bintuni, Papua Barat Province, Indonesia. Holotype: MZB 22166. Paratypes: MZB 22167 (14). Not available from electronic version, which appeared without ZooBank registration number; available from printed version that appeared 10 Sept. 2015. •Valid as *Melanotaenia manibuii* Kadarusman, Slembrouck & Pouyaud 2015. **Current status:** Valid as *Melanotaenia manibuii* Kadarusman, Slembrouck & Pouyaud 2015. Melanotaeniidae. Distribution: West Papua, Indonesia. Habitat: freshwater.

### **Pouyaud [L.]**

:

***sikuensis, Melanotaenia*** **Kadarusman, Sudarto & Pouyaud [L.]** in Nugraha et al. 2015:123, Figs. 25-26 [Cybium v. 39 (no. 2) (for 30 June)]; ref. [33872](#)] Siku Creek, Birds Neck Isthmus, Papua Barat Province, Indonesia. Holotype (unique): MZB 22164. Not available from electronic version, which appeared without ZooBank registration number; available from printed version that appeared 10 Sept. 2015. •Valid as *Melanotaenia sikuensis* Kadarusman, Sudarto & Pouyaud 2015. **Current status:** Valid as *Melanotaenia sikuensis* Kadarusman, Sudarto & Pouyaud 2015. Melanotaeniidae. Distribution: West Papua, Indonesia. Habitat: freshwater.

### **Kadarusman [no initials], Sudarto [no initials] & Pouyaud [L.]**

:

***annieae, Stiphodon*** Keith [P.] & **[R. K.] Hadiaty** 2015:268, Figs. 1-2 [Cybium v. 38 (no. 4) (for 2014)]; ref. [33653](#)] South Wosea, DS. Sawai, Weda Tengah, Halmahera, Maluku, Indonesia. Holotype: MZB 18930. Paratypes: MNHN. •Valid as *Stiphodon annieae* Keith & Hadiaty 2015 -- (Keith et al. 2015:178 [ref. [34328](#)]). **Current status:** Valid as *Stiphodon annieae* Keith & Hadiaty 2015. Gobiidae: Gobiinae. Distribution: Halmahera, Indonesia [assumed to be amphidromous]. Habitat: freshwater, brackish, marine.

### **Hadiaty [R. K.]**

:

***squamosissimus, Sicyopterus*** Keith [P.], Lord [C.], Busson [F.], Sauri [S.], Hubert [N.] & **Hadiaty [R.]** 2015:244, Figs. 1-3 [Cybium v. 39 (no. 4)]; ref. [34172](#)] Kabupaten Sukabumi, Citiis, West Java, Indonesia. Holotype: MZB 22716. Paratypes: MNHN, MZB. •Valid as *Sicyopterus squamosissimus* Keith, Lord, Busson, Sauri, Hubert & Hadiaty 2015. **Current status:** Valid as *Sicyopterus squamosissimus* Keith, Lord, Busson, Sauri, Hubert & Hadiaty 2015. Gobiidae: Sicydiinae. Distribution: Sumatra and Java, Indonesia. Habitat: freshwater.

### **Hadiaty [R. K.] - normally shown as [R. K.] to be consistent**

:

***siamorientalis, Betta*** Kowasupat [C.], Panijpan [B.], **Ruenwongsa [P.] Jeenthong [T.]** 2012:389, Fig. 1-3 [Vertebrate Zoology v. 62 (no. 3)]; ref. [32320](#)] Sai Hai village (13°42'N, 101°13'E), Tha Thonglang subdistrict, Bang Khla district, Chachoengsao province, Thailand. Holotype: THNHM-F-01540. Paratypes: many at THNHM. •Valid as *Betta siamorientalis* Kowasupat, Panijpan, Ruenwongsa & Jeenthong 2012 -- (Kottelat 2013:452 [ref. [32989](#)]). **Current status:** Valid as *Betta siamorientalis* Kowasupat, Panijpan, Ruenwongsa & Jeenthong 2012. Osphronemidae: Macropodusinae. Distribution: Thailand. Habitat: freshwater.

### **Ruenwongsa [P.] & Jeenthong [T.]**

:

**wayampi, *Phenacogaster*** Le Bail [P.-Y.] & **Lucena [Z. M. S.]** in Lucena & Malabarba 2010:287, Figs. 14-15 [Zoologia (Sociedade Brasileira de Zoologia) v. 27 (no. 2); ref. 30880] Rio Oiapoque system, French Guiana. Holotype: MNHN 1999-1457. Paratypes: MCP 34775 (1), MHNG 2682.003 (3), MNHN 2003-1457 (6), USNM 310892 (2). •Valid as *Phenacogaster wayampi* Le Bail & Lucena 2010. **Current status:** Valid as *Phenacogaster wayampi* Le Bail & Lucena 2010. Characidae: Characinae. Distribution: Oiapoque River, French Guiana. Habitat: freshwater.

**Lucena [Z. M. S. de] – to be consistent**

:

***gillmorlisi, Crenicichla*** Kullander [S. O.] & **de Lucena [C. A. S.]** 2013:151, Figs. 1-7 [Zootaxa 3641 (no. 2); ref. 32675] Río Acaray, dry arm below the reservoir, Alto Paraná, Paraguay. Holotype: MNHNP 126. Paratypes: MHNG 2237.036 (1), 2237.037 (1), 2237-066 (1), 2395.011 (6), 2730.057 (2), 2730.058 (1), 2730.059 (11), 2730.060 (1), 2730-061 (1), 2730.062 (2); MHNIB 0234 (2), 3686 (29); NRM 42452 (1), 42461 (2), 41828 (1). •Valid as *Crenicichla gillmorlisi* Kullander & de Lucena 2013 -- (Koerber et al. 2017:79 [ref. 35267]). **Current status:** Valid as *Crenicichla gillmorlisi* Kullander & de Lucena 2013. Cichlidae: Cichlinae. Distribution: Río Acaray, right bank tributary to the río Paraná, Paraguay. Habitat: freshwater.

**Lucena [C. A. S. de] – to be consistent**

:

***chhimtuipuiensis, Physoschistura*** Lalramliana, Lalhlimpaia [D. V.], Solo [B.] & **Vanramliana** 2016:193, Figs. 1-4 [Zootaxa 4173 (no. 2); ref. 34795] Ngengpui River, a tributary of Kaladan River, in the vicinity of Khawmawi, Lunglei district, Mizoram, India, 22°31'18"N, 92°46'27"E. Holotype: PUCMF 14062. Paratypes: PUCMF. •Valid as *Physoschistura chhimtuipuiensis* Lalramliana, Lalhlimpaia, Solo & Vanramliana 2016 -- (Endruweit 2017:378 [ref. 35305]). **Current status:** Valid as *Physoschistura chhimtuipuiensis* Lalramliana, Lalhlimpaia, Solo & Vanramliana 2016. Nemacheilidae. Distribution: Kaladan River drainage, Mizoram, India. Habitat: freshwater.

**Vanramliana [no initials]**

:

***wayana, Phenacogaster*** Le Bail [P.-Y.] & **Lucena [Z. M. S.]** in Lucena & Malabarba 2010:291, Figs. 19-21 [Zoologia (Sociedade Brasileira de Zoologia) v. 27 (no. 2); ref. 30880] Crique Japigny, Rio Approuague sysem, French Guiana. Holotype: MNHN 2003-2565. Paratypes: (many) at MCP, MHNG, MNHN, USNM. •Valid as *Phenacogaster wayana* Le Bail & Lucena 2010 -- (Melo et al. 2016:133 [ref. 34701]). **Current status:** Valid as *Phenacogaster wayana* Le Bail & Lucena 2010. Characidae: Characinae. Distribution: Suriname, French Guiana and Brazil. Habitat: freshwater.

**Lucena [Z. M. S. de] – to be consistent**

:

***procerus, Astyanax*** **Lucena [C. A. S.]**, Castro [J. B.] & Bertaco [V. A.] 2013:541, Figs. 4-5 [Neotropical Ichthyology v. 11 (no. 3); ref. 32914] Rio Grande do Sul State, Nicolau Vergueiro, arroio Quebra Dentes, 28°36'09"S, 52°27'03"W. Holotype: MCP 47002. Paratypes: many at MCN, MCP, UFRGS. •Valid as *Astyanax procerus* Lucena, Castro & Bertaco 2013 -- (Bertaco & Vigo 2015:267 [ref. 33857], Bertaco et al. 2016:412 [ref. 34561]). **Current status:** Valid as *Astyanax procerus* Lucena, Castro & Bertaco 2013. Characidae: No subfamily. Distribution: Upper and middle rio Taquari-Antas and rio Jacuí, laguna dos Patos system, Rio Grande do Sul, Brazil. Habitat: freshwater.

**Lucena [C. A. S. de] – to be consistent**

***gymnocheilus*, *Saugobio* Lo, Yao & Chen [Y. Y.]** in Chen et al. 1998:71 [Fauna Sinica. Osteichthyes. Cypriniformes II; ref. 23878] China. Syntypes: IHASW 53-3-604 to 606 and 53-3-632 to 636 (12) Yichang, Hubei, 73-IV-381 to 395 (15) Yueyang, Hunan. Also appeared in Wu 1977:542, Fig. 9-76 [ref. 2850]. •Valid as *Saugobio gymnocheilus* Lo, Yao & Chen 1998 -- (Ding 1994:303 [ref. 21531], Zhu 1995:85 [ref. 25213], Cheng & Zhou 1997:180 [ref. 26385], Yue in Chen et al. 1998:387 [ref. 23878], Dai & Yang 2002:310 [ref. 26615], Yang et al. 2003:169 [ref. 26806], Zhang et al. 2016:79 [ref. 34477]). •Synonym of *Saugobio lissilabris* Bănărescu & Nalbant 1973 -- (Dai et al. 2014:283 [ref. 33444]). **Current status:** Synonym of *Saugobio lissilabris* Bănărescu & Nalbant 1973. Cyprinidae: Gobioninae. Distribution: China (if valid). Habitat: freshwater.

### **Lo [no initials], Yao [no initials] & Chen [Y. Y.]**

:

***xiru*, *Astyanax* Lucena [C. A. S.]**, Castro [J. B.] & Bertaco [V. A.] 2013:544, Figs. 7-8 [Neotropical Ichthyology v. 11 (no. 3); ref. 32914] Rio Grande do Sul, Sapiranga, rio Feitoria, rio Caí drainage, 29°38'10"S, 51°00'28"W, Brazil. Holotype: MCP 19986. Paratypes: many at MCN, MCP, UFRGS. Plus additional non-type material. •Valid as *Astyanax xiru* Lucena, Castro & Bertaco 2013 -- (Bertaco et al. 2016:412 [ref. 34561], Koerber et al. 2017:4 [ref. 35083], Casciotta et al. 2016:1 [ref. 35095]). **Current status:** Valid as *Astyanax xiru* Lucena, Castro & Bertaco 2013. Characidae: No subfamily. Distribution: Rio rio Jacuí drainage, laguna dos Patos system, and from the upper and middle rio Uruguay drainage, Rio Grande do Sul, and Santa Catarina states: Brazil and Argentina. Habitat: freshwater.

### **Lucena [C. A. S. de] – to be consistent**

:

***gillmorlisi*, *Crenicichla* Kullander [S. O.] & de Lucena [C. A. S.]** 2013:151, Figs. 1-7 [Zootaxa 3641 (no. 2); ref. 32675] Río Acaray, dry arm below the reservoir, Alto Paraná, Paraguay. Holotype: MNHNP 126. Paratypes: MHNG 2237.036 (1), 2237.037 (1), 2237-066 (1), 2395.011 (6), 2730.057 (2), 2730.058 (1), 2730.059 (11), 2730.060 (1), 2730-061 (1), 2730.062 (2); MHNIB 0234 (2), 3686 (29); NRM 42452 (1), 42461 (2), 41828 (1). •Valid as *Crenicichla gillmorlisi* Kullander & de Lucena 2013 -- (Koerber et al. 2017:79 [ref. 35267]). **Current status:** Valid as *Crenicichla gillmorlisi* Kullander & de Lucena 2013. Cichlidae: Cichlinae. Distribution: Río Acaray, right bank tributary to the río Paraná, Paraguay. Habitat: freshwater.

### **Lucena [C. A. S. de] – to be consistent**

:

***quadratus*, *Pimelodus* Lucinda [P. H. F.], Ribeiro [F. R. V.] & Lucena [C. A. S.]** 2016:339, Figs. 1, 2b [Ichthyological Exploration of Freshwaters v. 27 (no. 4) for Dec.; ref. 34916] Porto Nacional, rio Tocantins, Tocantins State, Brazil, 10°35'50"S, 48°24'21"W. Holotype: MCP 42419. Paratypes: MCP, UNT. •Valid as *Pimelodus quadratus* Lucinda, Ribeiro & Lucena 2016. **Current status:** Valid as *Pimelodus quadratus* Lucinda, Ribeiro & Lucena 2016. Pimelodidae. Distribution: Middle Rio Tocantins drainage, Brazil. Habitat: freshwater.

### **Lucena [C. A. S. de] – to be consistent**

:

***microather*, *Basilichthys* Marrero Galindez [A.]** 1950:75, Fig. [Flechas de Plata, Atherinidos argentinos; ref. 5939] Río de La Plata and Paraná, Argentina. No types known. •Synonym of *Odontesthes perugiae* Evermann & Kendall 1906 -- (Dyer 1998:535 [ref. 23858], Dyer in Reis et al. 2003:522 [ref. 27061], Litz & Koerber 2014:29 [ref. 33622], Mirande & Koerber 2015:50 [ref. 35117], Wingert et al. 2017:503 [ref. 35244]). **Current status:** Synonym of *Odontesthes perugiae* Evermann & Kendall 1906. Atherinopsidae: Atherinopsinae. Habitat: freshwater.

### **Marrero y Galindez [A.]**

:

***ignota*, *Pseudotothyris* Martins [F. O.]**, Britski [H. A.] & Langeani [F.] 2014:825, Fig. 7, 8 [Zoological Journal of the Linnean Society v. 170 (no. 4); ref. [33221](#)] Santa Catarina, stream tributary to lago Acaraí, São Francisco do Sul, 26°17'33"S, 48°35'21"W, Brazil. Holotype: UFRGS 16404. Paratypes: DZSJRP, MCP, MZUSP, UFRGS. •Valid as *Pseudotothyris ignota* Martins, Britski & Langeani 2014. **Current status:** Valid as *Pseudotothyris ignota* Martins, Britski & Langeani 2014. Loricariidae: Otothyriinae. Distribution: Brazil. Habitat: freshwater.

**Martins [F. de O.] – to be consistent**

:

***arachas*, *Microlepidogaster* Martins [F. O.]**, Calegari [B. B.] & Langeani [F.] 2013:380, Figs. 1-3 [Zootaxa 3608 (no. 5); ref. [32415](#)] Stream at Sacramento Municipality, tributary to rio Araguari at road from Sacramento to Araxá, rio Paranaíba drainage, upper rio Paraná basin, Minas Gerais State, Brazil, 19°49'11"S, 47°16'0"W. Holotype: DZSJRP 2999. Paratypes: Many at AMNH, DZSJRP, LBP, MCP, MNRJ, MZUSP. •Valid as *Microlepidogaster arachas* Martins, Calegari & Langeani 2013 -- (Martins et al. 2014:560 [ref. [33544](#)], Calegari et al. 2014:220 [ref. [33627](#)], Roxo et al. 2017:351 [ref. [35310](#)]). **Current status:** Valid as *Microlepidogaster arachas* Martins, Calegari & Langeani 2013. Loricariidae: Otothyriinae. Distribution: Rio Paranaíba drainage, upper rio Paraná basin. Habitat: freshwater.

**Martins [F. de O.] – to be consistent**

:

***careopinnatus*, *Hypostomus* Martins [F. O.]**, Marinho [M. M. F.], Langeani [F.] & Serra [J. P.] 2012:494, Figs. 1-2 [Copeia 2012 (no. 3); ref. [32197](#)] Alto Araguaia, tributary of Rio Ariranha, Rio Taquari drainage, upper Rio Paraguay basin, 17°18'37"S, 53°32'22"W, Mato Grosso State, Brazil. Holotype: DZSIRP 12231. Paratypes: at ANSP, AUM, CPUFMT, DZSJRP, INPA, MNRJ, MZUSP, NUP, UFRGS. •Valid as *Hypostomus careopinnatus* Martins, Marinho, Langeani & Serra 2012 -- (Rosa et al. 2014:59 [ref. [33228](#)], Zawadzki et al. 2014:103 [ref. [33233](#)], Martins et al. 2014:7 [ref. [33617](#)]). **Current status:** Valid as *Hypostomus careopinnatus* Martins, Marinho, Langeani & Serra 2012. Loricariidae: Hypostominae. Distribution: Rio Taquari drainage, upper Rio Paraguay basin, Brazil. Habitat: freshwater.

**Martins [F. de O.] – to be consistent**

:

***discus*, *Microlepidogaster* Martins [F. O.]**, Rosa [A. C.] & Langeani [F.] 2014:161, Figs. 1-4a [Zootaxa 3873 (no. 5); ref. [33544](#)] Minas Gerais State, Botumirim, unnamed stream on dirt road Ita/cambira-Botumirim, tributary to rio Itacambiruçu, rio Jequitinhonha basin, 16°47'40"S, 43°03'39"W, Brazil, elevation 946 meters. Holotype: DZSJRP 19101. Paratypes: DZSJRP, MCP, MZUSP. •Valid as *Microlepidogaster discus* Martins, Rosa & Langeani 2014. **Current status:** Valid as *Microlepidogaster discus* Martins, Rosa & Langeani 2014. Loricariidae: Otothyriinae. Distribution: Headwaters of rio Itacambiruçu, coastal basin, Brazil. Habitat: freshwater.

**Martins [F. de O.] – to be consistent**

:

**fangi, Pararhodeus Miao [C. P.]** 1934:180, Fig. 31 [Contributions from the Biological Laboratory of the Science Society of China. (Zoological Series) v. 10 (no. 3); ref. [13903](#)] Chinkiang, China. Holotype: SSCN 3216. •Valid as *Pararhodeus fangi* Miao 1934 -- (Wu 1964:206 [ref. [13503](#)]). •In genus *Rhodeus* -- (Arai & Akai 1988:209 [ref. [6999](#)]). •Valid as *Rhodeus fangi* (Miao 1934) -- (Zhu 1995:47 [ref. [25213](#)], Lin in Chen et al. 1998:451 [ref. [23878](#)], Arai et al. 2001:280 [ref. [25545](#)], Naseka & Bogutskaya 2004:282 [ref. [27838](#)], Bogutskaya & Naseka 2004:44 [ref. [28183](#)], Chen et al. 2005:90 [ref. [28516](#)], Li & Arai 2010:303 [ref. [31188](#)], Li & Arai 2011:303 [ref. [31188](#)], Li & Arai 2014:175 [ref. [33267](#)], Zhang et al. 2016:68 [ref. [34477](#)]). **Current status:** Valid as *Rhodeus fangi* (Miao 1934). Cyprinidae: Acheilognathinae. Distribution: China. Habitat: freshwater.

### Miao [C.-P.]

:

**wui, Pseudobagrus Miao [C.- P.]** 1934:210, Fig. 42 [Contributions from the Biological Laboratory of the Science Society of China. (Zoological Series) v. 10 (no. 3); ref. [13903](#)] Chinkiang [Chen-Chiang], Jiangsu Province, China. Holotype: SSCN 12495. Type catalog: Ferraris 2007:101 [ref. [29155](#)]. •Synonym of *Pelteobagrus vachellii* (Richardson 1846) -- (Ferraris 2007:101 [ref. [29155](#)]). •In *Tachysurus* -- (see Bogutskaya et al. 2008:340 [ref. [30085](#)]). •Synonym or *Tachysurus wui* (Miao 1934) -- (Kottelat 2013:268 [ref. [32989](#)]). **Current status:** Uncertain as *Tachysurus vachellii* (Richardson 1846). Bagridae. Habitat: freshwater.

### Miao [C.-P.] – remove space

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**pingi, Rhodeus Miao [C.- P.]** 1934:176, Fig. 30 [Contributions from the Biological Laboratory of the Science Society of China. (Zoological Series) v. 10 (no. 3); ref. [13903](#)] Chinkiang, China. Holotype: SSCN 13200. Other specimens: SSCN 3229 (1), 13188 (1). •In genus *Rhodeus* -- (Arai & Akai 1988:209 [ref. [6999](#)]). •Synonym of *Rhodeus ocellatus* (Kner 1866) -- (Wu 1964:203 [ref. [13503](#)], Lin in Chen et al. 1998:446 [ref. [23878](#)], Kottelat 2013:157 [ref. [32989](#)], Zhang et al. 2016:69 [ref. [34477](#)]). **Current status:** Synonym of *Rhodeus ocellatus* (Kner 1866). Cyprinidae: Acheilognathinae. Habitat: freshwater.

### Miao [C.-P.] – remove space

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**montenegrensis, Pomatoschistus** Miller [P. J.] & **Sanda** [R.] 2008:260, Figs. 1, 2a-b, 3, 5a [Journal of Fish Biology v. 72 (no. 1); ref. [29469](#)] Gulubovci, 42°18'55.3"N, 19°12'03.4"E, on River Moraca, above Lake Skadar, southern Montenegro. Holotype: NMP P6V 80388. Paratypes: NMP P6V 80367 (1), 80368 (1, c&s), 80372 (1), 80374 (1), 80375 (1), 80377 (1), 80378 (1), 80380 (1), 80386 (1), 80387 (1), 80389-91 (3), 80393 (1), 80395 (1), 81164-66 (3). Plus additional material: (179 spec., 8 c&s). Type catalog: Mlíkovský et al. 2011:156 [ref. [33498](#)]. •Valid as *Pomatoschistus montenegrensis* Miller & Sanda 2008. **Current status:** Valid as *Pomatoschistus montenegrensis* Miller & Sanda 2008. Gobiidae: Gobiinae. Distribution: Lake Skadar basin, Montenegro and Albania. Habitat: freshwater.

### Šanda

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**bengalensis, Hapalogenys** Mohapatra [A.], **Ray [K.]** & Kumar [V.] 2013:368, Figs. 1-4 [Zootaxa 3718 (no. 4); ref. [32925](#)] Digha, Mohaba, West Bengal, 21°37.843'N, 87°37.827'E, India. Holotype: MARC.ZSI F3039. Paratypes: MRAC/ZSI/F3040 (1), 3041 (4), F3042 (4); ZSI F-10839/2 (1). •Valid as *Hapalogenys bengalensis* Mohapatra, Ray & Kumar 2013. **Current status:** Valid as *Hapalogenys bengalensis* Mohapatra, Ray & Kumar 2013. Hapalogenyidae. Distribution: West Bengal, India. Habitat: marine.

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**arunachalensis, Barilius** Nath [P.], Dam [D.] & **Anil Kumar** 2010:19, Figs. 5-9 [Records of the Zoological Survey of India 110 (Part 3); ref. 33488] Agari River mouth, D'Ering Memorial Wildlife Sanctuary, near Pasighat, East Siang District, Arunachal Pradesh, India. Holotype: APFS/ZSI/P-502. Paratypes: APFS/ZSI/P-503 (11). •Valid as *Barilius arunachalensis* Nath, Dam & Anil Kumar 2010. **Current status:** Valid as *Barilius arunachalensis* Nath, Dam & Anil Kumar 2010. Cyprinidae: Danioninae. Distribution: Arunachal Pradesh, India. Habitat: freshwater.

**Anil Kumar [no initials]**

:

**shibattai, Hypsolebias** Nielsen [D. T. B.], Martins [M.], de Araujo [L. M.] & **dos Reis Suzart [R.]** 2014:2, Figs. 1-2 [aqua, International Journal of Ichthyology v. 20 (no. 1); ref. 33143] Bahia, Bom Jesus da Lapa, rio São Francisco basin, temporary pool at road BR-430, 13°21'16"S, 43°17'15"W, Brazil, elevation 433 meters. Holotype: ZUEC 7648. Paratypes: MZUEL 7879 (4), ZUEC 7649 (6). •Valid as *Hypsolebias shibattai* Nielsen, Martins, de Araujo & dos Reis Suzart 2014. **Current status:** Valid as *Hypsolebias shibattai* Nielsen, Martins, de Araujo & dos Reis Suzart 2014. Cynolebiidae. Distribution: Bom Jesus de Lapa, Bahia, Brazil. Habitat: freshwater.

**Suzart [R. dos R.] – to be consistent**

:

**longicephalus, Syngnathus phelgon Nikitin & Natradze** 1946:170 Batumi, Georgia. Taken from "Fauna of Russia" 2014:210 [ref. 33547]. •Synonym of *Syngnathus schmidti* Popov 1928 -- (Parin et al. 2014:210 [ref. 33547]). **Current status:** Synonym of *Syngnathus schmidti* Popov 1928. Syngnathidae: Syngnathinae.

**Nikitin [no initials] & Natradze [no initials]**

**But probably**

**Nikitin [S. A.] & Natradze [A. G.]**

:

**garapia, Pareiorhaphis Pereira [E. H. D.]**, Lehmann A. [P.], Schwambach [L. J.] & Reis [R. E.] 2015:557, Figs. 1-3 [Zootaxa 4034 (no. 3); ref. 34007] Rio Grande do Sul, Maquiné, Barra do Ouro, Arroio Garapiá upstream the Garapiá waterfall, Brazil, 29°30'05.2"S, 50°13'15.8"W. Holotype: MCP 48861. Paratypes: AMNH, MCP, MNRJ. •Valid as *Pareiorhaphis garapia* Pereira, Lehmann A., Schwambach & Reis 2015 -- (Bertaco et al. 2016:419 [ref. 34561], Pereira & Reis 2017:75 [ref. 35307]). **Current status:** Valid as *Pareiorhaphis garapia* Pereira, Lehmann A., Schwambach & Reis 2015. Loricariidae: Neoplecostominae. Distribution: Arroio Garapiá, Rio Tramandaí drainage, Brazil. Habitat: freshwater.

**Pereira [E. H. L.]**

:

**furtivus, Hemiancistrus** Provenzano R. [F.] & **Barriga S. [R.]** 2017:223, Figs. 1, 2A [Zootaxa 4272 (no. 2); ref. 35332] Río Silanche, río Blanco tributary, close to San Francisco de Silanche town, Esmeraldas River basin, Pichincha Province, Ecuador, approximately 00°08'45"N, 79°16'38"W. Holotype: MEPN 11569. Paratypes: AUM, MCZ, MEPN. •Valid as *Hemiancistrus furtivus* Provenzano & Barriga 2017. **Current status:** Valid as *Hemiancistrus furtivus* Provenzano & Barriga 2017. Loricariidae: Hypostominae. Distribution: Esmeraldas River basin, Ecuador. Habitat: freshwater.

**Appears as Barriga Salazar [R.], Barriga Salazar [R. E.], Barriga-Salazar [R.], Barriga S [R.] and Barriga [R.]**

**I will standardize on Barriga Salazar [R. E.]**

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***roraima*, *Neblinichthys* Provenzano R. [F.]**, Lasso A. [C.] & Ponte [V.] 1995:245, Figs. 1-3 [Ichthyological Exploration of Freshwaters v. 6 (no. 3); ref. [21886](#)] Río Caroni system, 1st creek northwest of base camp Roraima Tepui, 5°15'N, 60°40'W, Estado Bolívar, Venezuela, elevation 1200-1400 meters. Holotype: MHNLS 8753. Paratypes: ANSP 168916 (7); FMNH 101047 (5); MBUCV-V-21301 to 03 (1, 1, 4), 21304 (35); MHNLS 7464-65 (1, 4), 7466 (59); USNM 317585 (5). Type catalog: Lasso et al. 1998:46-47 [ref. [23639](#)], Provenzano et al. 1998:13 [ref. [24196](#)], Ferraris 2007:273 [ref. [29155](#)]. •Synonym of *Neblinichthys yaravi* (Steindachner 1915) -- (Ferraris 2007:273 [ref. [29155](#)]). •Valid as *Neblinichthys roraima* Provenzano R., Lasso & Ponte 1995 -- (Burgess & Finley 1996:170 [ref. [22901](#)], Isbrücker 2001:30 [ref. [25653](#)], Isbrücker 2002:23 [ref. [27178](#)], Fisch-Muller in Reis et al. 2003:390 [ref. [27061](#)], Taphorn et al. 2010:616 [ref. [30973](#)], Armbruster & Taphorn 2013:66 [ref. [32700](#)], Reis et al. 2016:13 [ref. [34496](#)]). **Current status:** Valid as *Neblinichthys roraima* Provenzano R., Lasso A. & Ponte 1995. Loricariidae: Hypostominae. Distribution: Upper Caroni drainage, Venezuela. Habitat: freshwater.

**I think this should be Provenzano [F.]**

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***sofia*, *Xyliphius* Sabaj [M. H.]**, Carvalho [T. P.] & Reis [R. E.] in Carvalho, Reis & Sabaj 2017:15, Figs. 1, 3A, 4-7, 8A, 9C [Copeia v. 105 (no. 1); ref. [35187](#)] Río Amazonas, main channel in vicinity of Iquitos, Maynas, Loreto, Peru, 03°42'21"S, 073°12'14"W. Holotype (unique): ANSP 182322. •Valid as *Xyliphius sofiae* Sabaj, Carvalho & Reis 2017. **Current status:** Valid as *Xyliphius sofiae* Sabaj, Carvalho & Reis 2017. Aspredinidae. Distribution: Iquitos, Río Amazonas, Peru. Habitat: freshwater.

**Normally shown as Sabaj Perez[M. H.]**

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***ponticus*, *Spicara flexuoda* Shcherbuha** 1982:184 Black Sea. •Synonym of *Spicara flexuosa* Rafinesque 1810 -- (Parin et al. 2014:372 [ref. [33547](#)]). **Current status:** Synonym of *Spicara flexuosa* Rafinesque 1810. Centracanthidae.

**Probably - Shcherbuka [A. Ya.]**

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***andrewi*, *Schistura* Solo [B.]**, Lalramliana [no initial], **Lalronunda** [S.] & Lalnuntluanga [no initial] 2014:254, Figs. 1-2 [Zootaxa 3860 (no. 3); ref. [33517](#)] Mizoram, Mat River, tributary of Kaladan River, 23°20'04"N, 92°50'01"E, India. Holotype: PUCMF 14001. Paratypes: PUCMF 14002 (8), MZUBM/F. 14000-140003 (3). •Valid as *Schistura andrewi* Solo, Lalramliana, **Lalronunda** & Lalnuntluanga 2014. **Current status:** Valid as *Schistura andrewi* Solo, Lalramliana, **Lalronunda** & Lalnuntluanga 2014. Nemacheilidae. Distribution: Mat River, Mizoram, India. Habitat: freshwater.

**Lalronunga**

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***limboonkengi*, *Platyrrhina* Tang [D. S.]** 1933:561, Pl. 42 (figs. 1-2) [Lingnan Science Journal, Canton v. 12 (no. 4); ref. [16527](#)] Amoy, China. Holotype: ZMUA 280 (lost). Paratypes: ZMUA 281 (4) (lost). •Valid as *Platyrrhina limboonkengi* Tang 1933 -- (Compagno 1999:486 [ref. [25589](#)], Compagno in Randall & Lim 2000:582 [ref. [25122](#)]). •Synonym of *Platyrrhina sinensis* (Bloch & Schneider 1801) -- (Iwasutki et al. 2011:27 [ref. [31118](#)]). **Current status:** Synonym of *Platyrrhina sinensis* (Bloch & Schneider 1801). Platyrrhinidae. Habitat: marine.

**Tang [D.-S.]**

:

**zawadzki**, *Corydoras* Tencatt [**L. F. C.**] & Ohara [W. M.] 2016:431, Figs. 1-3 [Zootaxa 4144 (no. 3); ref. 34627] Mato Grosso State, Colniza Municipality, Guariba District, Igarapé Pica-Pau, a tributary to the Rio Juma Rio Aripuanã drainage, Rio Madeira basin, Brazil, 09°22'27"S, 60°02'59"W. Holotype: MNRJ 45565. Paratypes: INPA, MCP, MZUSP, NUP, ZUFMS-PIS. •Valid as *Corydoras zawadzki* Tencatt & Ohara 2016. **Current status:** Valid as *Corydoras zawadzki* Tencatt & Ohara 2016. Callichthyidae: Corydoradinae. Distribution: Rio Aripuanã drainage, Mato Grosso State, Brazil. Habitat: freshwater.

[**L. F. C.**]

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**intermedius**, *Clarias* Teugels [G. G.], **Sudarto [no initials]** & Pouyaud [L.] 2001:86, Fig. 5 [Cybium v. 25 (no. 1); ref. 25350] Palangkaraya market, central Kalimantan, Borneo, Indonesia. Holotype: MZB 10574. Paratypes: MNHN 2000-1212 to 1213 (2), 2000-1214 to 1217 (4), 2000-1218-1219 (2); MRAC 96-050-P-120-121 (2), 96-050-P-129-132 (4); ZRC 46110-46113 (4). Type catalog: Ferraris 2007:144 [ref. 29155], Ng & Kim 2008:38 [ref. 29920]. •Valid as *Clarias intermedius* Teugels, Sudarto & Pouyaud 2001 -- (Ng 2003:2 [ref. 27067], Sudarto et al. 2003:154 [ref. 27238], Sudarto et al. 2004:9 [ref. 27680], Ng 2004:294 [ref. 27992], Ferraris 2007:144 [ref. 29155], Ng & Hadiaty 2011:1578 [ref. 31220], Kottelat 2013:243 [ref. 32989], Ng & Kottelat 2014:443 [ref. 33579]). **Current status:** Valid as *Clarias intermedius* Teugels, Sudarto & Pouyaud 2001. Clariidae. Distribution: Central Kalimantan, Borneo, Indonesia. Habitat: freshwater.

[**Sudarto [T.]**]

:

**chuoculongensis**, *Gymnocypris dobula* **Tsao, Chen, Wu, Tsao, Chen & Zhu** in Wu & Wu 1992:458, 459 [The fishes of the Qinghai-Xizang Plateau; ref. 21205] Chuoculong Lake, Jilong County, Xizang Autonomous Region [Tibet], China. Syntypes: (10) IHASW 75VII238 (1), 241-44 (4), 249 (1), 252-53 (2), 255-56 (2), 75VII405-09 (5), 411 (1), 414 (1), 417 (1), 421 (1), 426 (1) [10 of these are syntypes, remaining 10 are ex. of the nominate ssp.; not distinguished in original] •Synonym of *Gymnocypris dobula* Günther 1868, but a valid subspecies. **Current status:** Synonym of *Gymnocypris dobula* Günther 1868. Cyprinidae: Cyprininae. Habitat: freshwater.

[**Tsao [no initials], Chen [no initials], Wu [no initials], Tsao [no initials], Chen [no initials] & Zhu [no initials]**]

:

**scleracanthus**, *Gymnocypris* **Tsao, Wu [C.-Z.], Chen & Zhu** in Wu & Wu 1992:451 [English p. 595], Fig. 125 [The fishes of the Qinghai-Xizang Plateau; ref. 21205] Lagngam Co (lake) [= Langoe Lake?], Lhaze County, Xizang Autonomous Region [Tibet], China, elevation 4300 meters. Syntypes: NPIB? 0626-32 (7). •Valid as *Gymnocypris scleracanthus* Tsao, Wu, Chen & Zhu 1992 -- (Zhang et al. 1995:118 [ref. 22734], Zhu 1995:547 [ref. 25213], Zhang et al. 2016:118 [ref. 34477], Tang et al. 2016:134 [ref. 34489]). **Current status:** Valid as *Gymnocypris scleracanthus* Tsao, Wu, Chen & Zhu 1992. Cyprinidae: Cyprininae. Distribution: China. Habitat: freshwater.

[**Tsao [no initials], Wu [C.-Z.], Chen [no initials] & Zhu [no initials]**]

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**conspicillum**, *Tetrodon* **Walbaum [J.]** (ex Houttuyn) 1779:1577 [Hannoverisches Magazin v. 17 (no. 99); ref. 26433] Nagasaki, Japan. No types known. Original genus should have been spelled *Tetraodon*. New name for *Tetraodon ocellatus* Linnaeus 1758, based on 'Stekelbuik' of Houttuyn (1782, ref. 2220). •Synonym of *Gastrophysus ocellatus* (Linnaeus 1758) -- (Kottelat 2013:477 [ref. 32989]). •Synonym of *Takifugu ocellatus* (Linnaeus 1758). **Current status:** Synonym of *Takifugu ocellatus* (Linnaeus 1758). Tetraodontidae. Habitat: freshwater, brackish.

[**Walbaum [J. J.]**]

:

***rhyacophila*, *Ptychocharax*** Weitzman [S. H.], Fink [S. V.], Machado-Allison [A.] & **Royero L. [R.]** 1994:55, Figs. 1-2 [Ichthyological Exploration of Freshwaters v. 5 (no. 1); ref. [21375](#)] Alto Río Siapa, tributary of the Río Casiquiare, Amazonas, Venezuela, about between 1°40'-1°41'N, 64°22'-64°28'W, elevation 560 meters. Holotype: MBUCV-V-20400. Paratypes: AMNH 51513 (2), 93157-62 (16, 8, 37, 2, 18, 3); MBUCV-V-18564 (25, not 21); UMMZ 220251 (3, c&s); USNM 316804 (4), 316819 (4), 316820 (12, 4 c&s), 316821 (7). Type catalog: Provenzano et al. 1998:15 [ref. [24196](#)]. •Valid as *Ptychocharax rhyacophila* Weitzman, Fink, Machado-Allison & Royero L. 1994 -- (Weitzman & Burns 1997:137 [ref. [24512](#)] as *rhyacophyla*, Malabarba & Weitzman 2000:280 [ref. [24413](#)], Weitzman in Reis et al. 2003:227 [ref. [27061](#)], Thomaz et al. 2015:Add.5 [ref. [33893](#)]). **Current status:** Valid as *Ptychocharax rhyacophila* Weitzman, Fink, Machado-Allison & **Royero L.** 1994. Characidae: Stevardiinae. Distribution: Upper Siapa River in Casiquiare River drainage, Venezuela. Habitat: freshwater.

### **Royero [R.]**

#### **Royero**

:

***yiliangensis*, *Garra pingi*** Wu [H.-W.] & **Chen** in Wu, Lin, Chen, Chen & He 1977:375, Fig. 7-92 [The cyprinid fishes of China v. 2; ref. [4807](#)] Yiliang, Yunnan Province, China. Syntypes: KIZ 635025-26 (1, 1), 635028-29 (1, 1), 635031 (1). •Synonym of *Garra pingi* (Tchang 1929), but a valid subspecies as described -- (Chu & Cui in Chu & Chen 1989:272 [ref. [13584](#)], Zheng et al. 1989:214 [ref. [21202](#)], Zhu 1995:69 [ref. [25213](#)], Li et al. 2008:67 [ref. [29588](#)], Zhang et al. 2016:111 [ref. [34477](#)]). •Valid as *Garra yiliangensis* Wu & Chen 1977 -- (Kottelat 1998:33 [ref. [23436](#)], Zhang et al. in Yue 2000:248 [ref. [25272](#)], Chen et al. 2009:439 [ref. [30322](#)]). **Current status:** Valid as *Garra yiliangensis* Wu & Chen 1977. Cyprinidae: Labeoninae. Distribution: China. Habitat: freshwater.

### **Chen [no initials]**

:

***zanaensis*, *Glyptothorax*** Wu [X.-W.], **He [M.-J.]** & Chu [S.-L.] 1981:74 (English p. 79), Fig. 1 (1-b) [Oceanologia et Limnologia Sinica v. 12 (no. 1); ref. [4809](#)] Zana (28°29'28.7"N, 98°27'22.7"E), Nujiang (upper Salween River) drainage in Tibet. Syntypes: IHASW [= IHB] 606164-66 (3), 606168 (1), 606170-74 (5), 606178 (1), 6006651-53 (3). Type catalog: Ferraris 2007:394 [ref. [29155](#)]. •Valid as *Glyptothorax zanaensis* Wu, He & Chu 1981 -- (Mo & Chu 1986:341 [ref. [8064](#)] as *zainaensis*, Wu & Wu 1992:532 [ref. [21205](#)], Zhang et al. 1995:130 [ref. [22734](#)], Zhu 1995:153 [ref. [25213](#)] as *zainaensis*, Kottelat 1998:105 [ref. [23436](#)], Yang in Chen 1998:298 [ref. [23556](#)] as *zainaensis*, Chu in Chu et al. 1999:146 [ref. [24534](#)], Freyhof et al. 2000:96 [ref. [25184](#)] as cf. *zainaensis*, Kottelat 2001:138 [ref. [25780](#)], Thomson & Page 2006:57 [ref. [28859](#)], Ferraris 2007:394 [ref. [29155](#)] as *zanaensis*, Ng & Rainboth 2008:65 [ref. [29764](#)], Ng & Freyhof 2008:21 [ref. [29810](#)] as aff. *zanaensis* and probably new, from Vietnam, Ng & Hadiaty 2009:68 [ref. [30166](#)], Ng et al. 2012:59 [ref. [31857](#)], Jiang et al. 2012:368 [ref. [31988](#)], Kottelat 2013:227 [ref. [32989](#)], Kottelat 2015:47 [ref. [33971](#)] as aff. *zanaensis*, Zhang et al. 2016:175 [ref. [34477](#)], Ng & Kottelat 2017:416 [ref. [35173](#)]). **Current status:** Valid as *Glyptothorax zanaensis* Wu, He & Chu 1981. Sisoridae: Sisorinae. Distribution: Tibet. Habitat: freshwater.

### **He [M. J.]**

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**longianalis, Sinibrama** Xie [Z.-G.], Xie [C.-X.] & **Zhang [E.]** 2003:404, Fig. 2 [Raffles Bulletin of Zoology v. 51 (NO. 2); ref. 27550] Stream tributary to Wu Jiang of the upper Chang Jiang [Yangtze River] basin, Xiang Jiang in Zunyi, Guizhou Province, China. Holotype: IHASW 6650583. Paratypes: IHASW 6650554 (1), 6650559 (1), 6650561 (1), 6650566-67 (2), 6650572-75 (4), 6650577-79 (3), 6650587 (1), 6650589-94 (6), 6650596-77 (2), 6650600 (1), 6650602-03 (2); IHASW 87VI225 (1), 87VI256 (1); ZRC 6650601(1). •Valid as *Sinibrama longianalis* Xie, Xie & Zhang 2003 -- (Zhang et al. 2016:63 [ref. 34477]). **Current status:** Valid as *Sinibrama longianalis* Xie, Xie & Zhang 2003. Cyprinidae: Xenocypridinae. Distribution: Xiang Jiang in Zunyi and Qingshui Jiang in Kaiyang, tributary to Wu Jiang, Guizhou Province, China. Habitat: freshwater.

**Zhang [E]** – Bill indicated that E is a name and not an initial.

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**summus, Characidium Zanata [A. M]** & Ohara [W. M.] 2015:369, Figs. 1a, 2-3 [Zootaxa 4021 (no. 2); ref. 33970] Rondônia, Guajará-Mirim, upper rio Pacaás Novos, rio Madeira basin, Brazil, 10°50'46.29"S, 63°37'47.29"W. Holotype: MZUSP 116954. Paratypes: INPA, MNRJ, MZUSP, UFRO. •Valid as *Characidium summum* Zanata & Ohara 2015. **Current status:** Valid as *Characidium summum* Zanata & Ohara 2015. Crenuchidae: Characidiinae. Distribution: Upper rio Pacaás Novos, rio Madeira basin, Rondônia, Brazil. Habitat: freshwater.

**Zanata [A. M.]**

:

**zhui, Sinilabeo** Zheng [C.-Y.] & **Chen** in Zheng et al. 1989:200 [Engl. p. 411], Fig. 154 [Fishes of the Zhujiang River; ref. 21202] Yiliang, Yunnan Province, China. Syntypes: IHASW 635019-20 (2), 635235 (1), 635240 (1). •Valid as *Sinilabeo zhui* Zheng & Chen 1989 -- (Zhang et al. in Yue 2000:193 [ref. 25272]). ■ Valid as *Bangana zhui* (Zheng & Chen 1989) -- (Zhang & Chen 2006:49 [ref. 28775], Liu & Zhou 2009:65 [ref. 30000], Zhang et al. 2016:108 [ref. 34477]). •Valid as *Altigena zhui* (Zheng & Chen 1989) -- (Kottelat 2017:494 [ref. 35262]). **Current status:** Valid as *Altigena zhui* (Zheng & Chen 1989). Cyprinidae: Labeoninae. Distribution: Upper Pearl River basin: China. Habitat: freshwater.

**Chen [no initials]**

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**longibarbus, Parasinilabeo** Zhu [Y.], Lan [C.] & Zhang **[E.]** 2006:503 [English 507], Figs. 1-2 [Acta Hydrobiologica Sinica v. 30 (no. 5); ref. 28857] He Jiang flowing to the Zhu Jiang river [Pearl River] basin, Fuchuan County, Guangxi, China. Holotype: IHASW 2002051387. Paratypes: IHASW 2002051405-7 (3), 2002051410 (1), 2002051413 (1), 2002051424-5 (2), 2001060469 (1). •Valid as *Parasinilabeo longibarbus* Zhu, Lan & Zhang 2006 -- (Huang et al. 2007:531 [ref. 29347], Zhu et al. 2011:47 [ref. 31305], Zhang et al. 2016:113 [ref. 34477], Zheng et al. 2016:144 [ref. 34678]). **Current status:** Valid as *Parasinilabeo longibarbus* Zhu, Lan & Zhang 2006. Cyprinidae: Labeoninae. Distribution: Pearl River basin, Guangxi, China. Habitat: freshwater.

**Zhang [E]** – Bill indicated that E is a name and not an initial.

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**ulbubunitj, Egglestonichthys Larson [H. S.]** 2013:149, Figs. 2-4 [aqua, International Journal of Ichthyology v. 19 (no. 3); ref. 32790] Off Pockets Beach, north of West Alligator Head, Northern Territory, Australia, depth 1.4 meters. Holotype: NTM S.14635-005. Paratypes: Many at AMS, NTM, QM. WAM. Plus non-type material. •Valid as *Egglestonichthys ulbubunitj* Larson 2013. **Current status:** Valid as *Egglestonichthys ulbubunitj* Larson 2013. Gobiidae: Gobiinae. Distribution: Northern Territory, Australia. Habitat: freshwater, brackish.

**Larson [H. K.]**

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**schokur, *Salmo (Coreg.)*** Pallas [P. S.] 1776:80, 705 [Reise durch verschiedene Provinzen des russischen Reiches; ref. [18509](#)] Ob River, Russia. No types known.

•Synonym of *Coregonus nasus* (Pallas 1776) -- (Berg 1948:353 [ref. [12882](#)], Reshetnikov 1998:45 [ref. [23570](#)], Parin et al. 2014:120 [ref. [33547](#)]). **Current status:** Synonym of *Coregonus nasus* (Pallas 1776). Salmonidae: Coregoninae. Habitat: freshwater, brackish, marine.

**(*Coregonus*) - Bill wanted to get rid of abbreviations**

:

**grammica, *Plagiusa*** Richardson [J.] 1846:280 [Report of the British Association for the Advancement of Science 15th meeting [1845]; ref. [3742](#)] Canton, China; coasts of China. Syntypes: Cambridge Philosophical Soc. (2, whereabouts unknown) Cynoglossidae: Cynoglossinae. Habitat: marine.

***Plagusia***

:

**aurolimbata, *Plagiusa*** Richardson [J.] 1846:280 [Report of the British Association for the Advancement of Science 15th meeting [1845]; ref. [3742](#)] Canton; coasts of China. No types known. Originally as *auro-limbata*. Based solely on illustration by Reeves (see Whitehead 1970:218, Pl. 28b [ref. [11606](#)]). •Synonym of *Cynoglossus puncticeps* (Richardson 1846) -- (Menon 1977:75 [ref. [7071](#)], Kottelat 2013:467 [ref. [32989](#)]). **Current status:** Synonym of *Cynoglossus puncticeps* (Richardson 1846). Cynoglossidae: Cynoglossinae. Habitat: freshwater, brackish, marine.

***Plagusia***

:

**favosquamis, *Plagiusa*** Richardson [J.] 1846:281 [Report of the British Association for the Advancement of Science 15th meeting [1845]; ref. [3742](#)] Canton; coasts of China. No types known. Based solely on illustration by Reeves (see Whitehead 1970:218, Pl. 28c [ref. [11606](#)]). Cynoglossidae: Cynoglossinae. Habitat: marine.

***Plagusia***

:

**vitiazi, *Cyclopterinae*** Lindberg [G. U.] & Legeza [M. I.] 1955:437, Figs. 24-25 [Trudy Zoologicheskogo Instituta, Akademii Nauk SSSR v. 18; ref. [2785](#)] Northeast of Simushir Island, Kuril Islands, depth 0-50 meters over bottom depth of 3000 meters. Holotype: ZIN 33759. Paratypes: ZIN 33666 (1). •Valid as *Pelagocyclus vitiazi* Lindberg & Legeza 1955 -- (Ueno 1970:145 [ref. [26199](#)], Kido in Masuda et al. 1984:337 [ref. [6441](#)], Lindberg & Krasnyukova 1987:372 [ref. [15964](#)]). •Synonym of *Aptocyclus ventricosus* (Pallas 1769) -- (Kido & Shinohara 1996:175 [ref. [22205](#)], Sheiko & Fedorov 2000:31 [ref. [25650](#)], Mecklenburg et al. 2002:558 [ref. [25968](#)], Parin et al. 2002:S104 [ref. [28300](#)], Mecklenburg & Sheiko 2003:3 [ref. [27295](#)], Parin et al. 2014:304 [ref. [33547](#)], Oku et al. 2017:53 [ref. [35060](#)]). **Current status:** Synonym of *Aptocyclus ventricosus* (Pallas 1769). Cyclopteridae: Liparopsinae. Habitat: marine.

***Pelagocyclus***

:

**rubrolabiale, *Aphyosemion*** Berkenkamp[H. O.] 1973:108 [Aquarienfreund v. 2 (no. 7); ref. [7358](#)] •In the **synonym** *Fundulopanchax rubrolabialis* (Radda 1973). **Current status:** Synonym of *Fundulopanchax rubrolabialis* (Radda 1973). Nothobranchiidae. Habitat: freshwater.

**synonymy of**

:

**marginatus, Brosmius** Ayres [W. O.] 1854: **102 [= 202]** [The Pacific [newspaper] v. 3 and 4 (thru no. 6); ref. [157](#)] San Francisco Bay, California, U.S.A. No types known. Appeared first as above on 27 Oct.; then in Ayres 1854:13 [ref. [18923](#)]. •Valid as *Brosmophyscis marginata* (Ayres 1854) -- (Cohen & Nielsen 1978:54 [ref. [881](#)], Eschmeyer & Herald 1983:103 [ref. [9277](#)], Matarese et al. 1989:218 [ref. [26885](#)], McAllister 1990:137 [ref. [14674](#)], Nielsen & Cohen in Nielsen et al. 1999:122 [ref. [24448](#)], Mecklenburg et al. 2002:267 [ref. [25968](#)], Nelson et al. 2004:92 [ref. [27807](#)], Page et al. 2013:95 [ref. [32708](#)], Pietsch & Orr 2015:27 [ref. [34694](#)]). **Current status:** Valid as *Brosmophyscis marginata* (Ayres 1854). Bythitidae. Distribution: Eastern Pacific. Habitat: marine.

### What does this mean ?

:

**Nguyen, V. H. and S. V. Ngo** 2001 [ref. 28301]

Ca nuoc ngot Viet Nam. Tap I. Ho ca chep (Cyprinidae). [Freshwater fishes of Viet Nam. Volume I. Family Cyprinidae]. v. 1: 1-622 [In Vietnamese. Authorship in Vietnamese given as Nguyen van Hao and Ngo Sy Van.]

### Ngô

:

**dissensus, Astyanax Lucena** [C. A. S.] & Thofehrn [S. B.] in Lucena [C. A. S.], Castro [J. B.] & Bertaco [V. A.] 2013:538, Figs. 1-2 [Neotropical Ichthyology v. 11 (no. 3); ref. [32914](#)] Rio Grande do Sul, Candiota, arroio Candiota, downstream of Thermoelectric Power Plant, rio Jaguarão drainage, 31°34'36"S, 53°40'22"W, Brazil. Holotype: MCP 47000. Paratypes: many at MCN, MCP, UFRGS. •Valid as *Astyanax dissensus* Lucena & Thofehrn 2013 -- (Bertaco 2014:498 [ref. [33320](#)], Koerber & Litz 2014:2 [ref. [34967](#)], Bertaco & Vigo 2015:267 [ref. [33857](#)], Bertaco et al. 2016:412 [ref. [34561](#)], Koerber & Litz 2016:2 [ref. [35098](#)], Koerber et al. 2017:4 [ref. [35083](#)], Terán et al. 2017:7 [ref. [35358](#)]). **Current status:** Valid as *Astyanax dissensus* Lucena & Thofehrn 2013. Characidae: Characids incertae sedis. Distribution: Laguna dos Patos system and rio Uruguay drainage, Brazil, Argentina and Uruguay. Habitat: freshwater.

### de Lucena

:

**anjan, Cobitis** Dowski [D. F.] in **Sinizyn** 1900:49 [Varshavskogo Uchebnogo Okruga; ref. [22999](#)] Not available, nomen nudum. •In the synonymy of *Misgurnus mohoity* (Dybowski 1869) -- (Kottelat 2006:58 [ref. [28831](#)]). **Current status:** Synonym of *Misgurnus mohoity* (Dybowski 1869). Cobitidae.

### Sinitzyn

:

**lavicycla, Pempheris flavicycla** Randall [J. E.], Satapoomin [U.] & Alpermann [T. J.] in Randall, Bogorodsky, Alpermann, Satapoomin, **Moori** & Mal 2014:4, Figs. 3-6 [Journal of the Ocean Science Foundation 2013 (v. 9); ref. [33103](#)] Mafia Island, Chole Islands, Chole Bay, Tanzania, depth 0-2 meters. Holotype: BPBM 17633. Paratypes: BPBM, SAIAB, USNM, ZSI/CLT. •Valid as *Pempheris flavicycla*, subspecies *flavicycla* Randall, Bogorodsky & Alpermann, et al. 2014. •Valid as *Pempheris flavicycla* Randall, Bogorodsky & Alpermann 2014 -- (Mooi & Randall 2014:389, 395 [ref. [33215](#)]). •Synonym of *Pempheris adusta* Bleeker 1877 -- (Koeda et al. 2014:303 [ref. [33297](#)]). •Valid as *Pempheris flavicycla* Randall, Satapoomin & Alpermann 2014 -- (Randall & Bineesh 2014:25 [ref. [33266](#)], Randall et al. 2014:377 [ref. [33585](#)], Randall & Victor 2014:82 [ref. [33616](#)], Randall & Victor 2015:6 [ref. [34131](#)], Pinheiro et al. 2016:112 [ref. [34187](#)]). **Current status:** Valid as *Pempheris flavicycla* Randall, Satapoomin & Alpermann 2014. Pempheridae. Distribution: Red Sea, Gulf of Aden, Kenya, Tanzania, Seychelles, Chagos Archipelago to Thailand. Habitat: marine.

### Mooi

:

:

**colasi**, *Oxyeleotris* Pouyaud [L.], Kadarusman & Hadiaty [R. K.] in **Pouyaud**, Kadarisman, Hadiaty, Slembrouck, Lemauk, et al. 2013:524, Figs. 1-4 [Cybium v. 36 (no. 4) [2012]; ref. [32533](#)] 3°19.414"S, 113°44.798"E, Jabuenggara Cave on the border of Selewiki Lake, 14 km south of Urisa village, west of Lengguru, Kaimana, West Papua Province, Indonesia. Holotype: MZB 20031. Paratypes: MNHN 2012-0034 (4), MZB 20032 (4), •Valid as *Oxyeleotris colasi* Pouyaud, Kadarusman & Hadiaty 2013. **Current status:** Valid as *Oxyeleotris colasi* Pouyaud, Kadarusman & Hadiaty 2013. Eleotridae: Butinae. Distribution: Lengguru, West Papua, Indonesia. Habitat: freshwater.

## Pouyaud

:

**daduheensis**, *Sinogastromyzon* Guo [Y.-S.] & Yang [J.] in Yang & **Goa** 2013:895, Figs. 1-8 [Acta Zootaxonomica Sinica v. 38 (no. 4); ref. [32962](#)] Dadu River, Xiaoshunicun, China, 29°15'N, 102°19'E, altitude 900 meters. Holotype: 201203001. Paratypes: 201203001 -08 (8), 201203002-13 (12). •Valid as *Sinogastromyzon daduheensis* Guo & Yang 2013. **Current status:** Valid as *Sinogastromyzon daduheensis* Guo & Yang 2013. Balitoridae. Distribution: Sichuan Province, China. Habitat: freshwater.

## Guo

:

**japonicus**, *Priacanthus* Cuvier [G.] (ex **Langsdorff**) in Cuvier & Valenciennes 1829:106, Pl. 50 [Histoire naturelle des poissons v. 3; ref. [4879](#)] Japan. Holotype (unique): ZMB 427. Type catalog: Bauchot & Desoutter 1987:105 [ref. [12478](#)]. Based on manuscript description by 'Langsdorff' [Georg Heinrich Freiherr von Langsdorff, 1774-1852, German explorer and naturalist], with an underlying specimen at ZMB. •Valid as *Cookeolus japonicus* (Cuvier 1829) -- (Starnes 1988:145 [ref. [6978](#)], Randall et al. 1990:135 [ref. [15987](#)], Allen & Robertson 1994:120 [ref. [22193](#)], Heemstra in Smith & Heemstra 1995:x [ref. [21953](#)], Azevedo & Heemstra 1995:2 [ref. [22269](#)], Starnes in Fischer et al. 1995:1407 [ref. [22830](#)], Randall 1995:147 [ref. [22896](#)], Garrison 1996:861 [ref. [21337](#)], Santos et al. 1997:82 [ref. [23531](#)], De La Cruz Agüero et al. 1997:258 [ref. [24545](#)], Grove & Lavenberg 1997:341 [ref. [24023](#)], Arruda 1997:81 [ref. [24952](#)], Randall et al. 1997:507 [ref. [25919](#)], Anderson et al. 1998:23 [ref. [23611](#)], De La Cruz-Agüero 1998:63 [ref. [24504](#)], Chirichigno F. & Vélez D. 1998:348 [ref. [24555](#)], Starnes 1999:2599 [ref. [24834](#)], Smith-Vaniz et al. 1999:221 [ref. [25013](#)], Nakabo 2000:746 [ref. [25086](#)], Starnes in Randall & Lim 2000:612 [ref. [25122](#)], Thomson et al. 2000:109 [ref. [25640](#)], López et al. 2001:3 [ref. [25809](#)], Hutchins 2001:31 [ref. [25847](#)], Shinohara et al. 2001:323 [ref. [25995](#)], Nakabo 2002:746 [ref. [26001](#)], Youn 2002:318, 596 [ref. [26218](#)], Coad & Gilhen 2002:634 [ref. [26862](#)], Allen & Adrim 2003:34 [ref. [26830](#)], Starnes 2003:1385 [ref. [27084](#)], Manilo & Bogorodsky 2003:S105 [ref. [27377](#)], Moura & Menezes in Menezes et al. 2003:78 [ref. [27192](#)], Myers & Donaldson 2003:623 [ref. [27495](#)], Randall et al. 2004:13 [ref. [27624](#)], Bunkley-Williams & Williams 2004:107 [ref. [27795](#)], Nelson et al. 2004:138 [ref. [27807](#)], Shinohara et al. 2005:431 [ref. [28370](#)], Mundy 2005:353 [ref. [28379](#)], Paxton et al. 2006:1117 [ref. [28995](#)], Randall 2007:208 [ref. [30952](#)], Fricke et al. 2009:50 [ref. [30213](#)], McCosker & Rosenblatt 2010:191 [ref. [30957](#)], Motomura et al. 2010:104 [ref. [31256](#)], Shinohara et al. 2011:49 [ref. [31715](#)], Allen & Erdmann 2012:363 [ref. [31980](#)], Page et al. 2013:142 [ref. [32708](#)], Shinohara et al. 2014:260 [ref. [33330](#)], Smith-Vaniz & Jelks 2014:44 [ref. [33341](#)], Wirtz et al. 2014:6 [ref. [33516](#)], Psomadakis et al. 2015:204 [ref. [34104](#)], Starnes in Carpenter & De Angelis 2016:2423 [ref. [34618](#)], Fourrière et al. 2016:445 [ref. [34668](#)], Del Moral-Flores et al. 2016:608 [ref. [34923](#)]). **Current status:** Valid as *Cookeolus japonicus* (Cuvier 1829). Priacanthidae. Distribution: Circumglobal in tropical and subtropical seas, including Hawaiian Islands. Habitat: marine.

**Langsdorff appears to normally be spelled with one "f" unless there are 2 different authors.**

:

**elongatus, Monostichodus** Vaillant [L. L.] in **Rivière [É.]** 1886:17 [La Revue scientifique: revue hebdomadaire illustrée (Revue rose), éd. par Jean Duhem. v. 38 [series 3: v. 23 (no. 1)]; ref. [17852](#)] Africa. no types known. *Hemistichodus vaillanti* Pellegrin 1900 of authors. •Valid as *Monostichodus elongatus* Vaillant 1886 -- (Musschoot & Snoeks 2016:1080 [ref. [34892](#)]). **Current status:** Valid as *Monostichodus elongatus* Vaillant 1886. Distichodontidae. Distribution: Gabon, Africa. Habitat: freshwater.

**Rivière - Initials normally not in Qualification.**

:

**strigatus, Chaetodon** Cuvier [G.] (ex Langsdorff) in Cuvier & Valenciennes 1831:25, Pl. 170 [Histoire naturelle des poissons v. 7; ref. [4881](#)] Nagasaki, Nagasaki Prefecture, Japan. Holotype (unique): ZMB 8157 (stuffed). Type catalog: Bauchot 1963:137 [ref. [20718](#)]. Based on description in manuscript by "Langsdorff" (Georg Heinrich Freiherr von Langsdorff, 1774-1852, German explorer and scientist). •Valid as *Microcanthus strigatus* (Cuvier 1831) -- (Hayashi in Masuda et al. 1984:181 [ref. [6441](#)], Matsuura in Okamura et al. 1985:517, 692 [ref. [8056](#)], Allen & Swainston 1988:92 [ref. [25477](#)], Randall et al. 1990:216 [ref. [15987](#)], Kuitert 1993:215 [ref. [23929](#)], Francis 1993:162 [ref. [25479](#)], Allen 1997:144 [ref. [23977](#)] as *Mirocanthus*, Chen et al. 1997:115 [ref. [26476](#)], Kuitert 1997:204 [ref. [25488](#)], Cheng & Zhou 1997:315 [ref. [26385](#)], Randall et al. 1997:216 [ref. [25919](#)], Johnson 1999:738 [ref. [25471](#)], Randall & Lim in Randall & Lim 2000:623 [ref. [25122](#)], Nakabo 2000:958 [ref. [25182](#)], Laboute & Grandperrin 2000:289 [ref. [25191](#)], Markevich 2001:129 [ref. [25196](#)], Sadovy & Cornish 2000:180 [ref. [25480](#)], Shinohara et al. 2000:180 [ref. [25987](#)], Shimizu 2001:32 [ref. [25799](#)], Hutchins 2001:264 [ref. [25841](#)], Hutchins 2001:36 [ref. [25847](#)], Carpenter 2001:3303 [ref. [26124](#)], Nakabo 2002:958 [ref. [26193](#)], Youn 2002:356, 627 [ref. [26218](#)], Parin 2003:S15 [ref. [28536](#)], Randall 2005:307 [ref. [28239](#)], Mundy 2005:411 [ref. [28379](#)], Hoese & Bray 2006:1324 [ref. [29000](#)], Randall 2007:274 [ref. [30952](#)], Motomura et al. 2010:133 [ref. [31256](#)], Knudsen & Clements 2013:78 [ref. [33031](#)], Parin et al. 2014:376 [ref. [33547](#)], Knudsen & Clements 2016:259 [ref. [34458](#)], Koeda et al. 2016:13 [ref. [35354](#)]). **Current status:** Valid as *Microcanthus strigatus* (Cuvier 1831). Kyphosidae: Microcanthinae. Distribution: Southeastern Indian Ocean, western and central Pacific, antitropical: Exmouth Gulf to Cape Leeuwin (Western Australia), southern and eastern Australia to New Caledonia; Taiwan, north to southern Japan and Ogasawara Islands; Hawaiian Islands. Habitat: marine.

**Langsdorff appears to normally be spelled with one "f" unless there are 2 different authors**

:

**leptocheilus, Dangila** Valenciennes [A.] in Cuvier & Valenciennes 1842:234 [Histoire naturelle des poissons v. 16; ref. [1009](#)] Jakarta, Java, Indonesia. Syntypes: ?RMNH 2109 (1), 2110 (1), 2532 (1), ?2533 (2). Type information: Roberts 1993:17 [ref. [21799](#)]. Appeared first in Kuhl & van **Hasslet** as *Labiobarbus leptocheilus*, name only. •Valid as *Dangila leptocheila* (Valenciennes 1842) -- (Ng & Tan 1999:353 [ref. [24159](#)]). •Synonym of *Dangila cuvieri* Valenciennes 1842 -- (Roberts 1989:38 [ref. [6439](#)]). •Valid as *Labiobarbus leptocheila* (Valenciennes 1842) [sometimes as *leptocheilus*] -- (Roberts 1993:17 [ref. [21799](#)], Kottelat et al. 1993:36 [ref. [23448](#)], Roberts 1994:320 [ref. [22596](#)], Kottelat 1995:428 [ref. [22833](#)], Kottelat & Lim 1995:230 [ref. [23210](#)], Doi 1997:7 [ref. [22832](#)], Kottelat 1998:37 [ref. [23436](#)], Freyhof et al. 2000:95 [ref. [25184](#)], Kottelat 2001:58 [ref. [25780](#)], Kottelat & Widjanarti 2005:150 [ref. [28284](#)], Parenti & Lim 2005:180 [ref. [28285](#)] as cf. *leptocheilus*, Kottelat 2013:118 [ref. [32989](#)], Kottelat 2015:42 [ref. [33971](#)]). **Current status:** Valid as *Labiobarbus leptocheilus* (Valenciennes 1842). Cyprinidae: Labeoninae. Distribution: Southeast Asia. Habitat: freshwater.

**Hasslet**

**notatus, *Osphronemus*** Cuvier [G.] (ex Kuhl & van **Hasslet**) in Cuvier & Valenciennes 1831:386 [Histoire naturelle des poissons v. 7; ref. [4881](#)] Java, Indonesia. Syntypes: ? RMNH 1083 (1), 1084 (1), 10-98 (1) [?, =mistake], 1987 (1), 141 (1). Type information: Roberts 1993:39 [ref. [21799](#)]. Appeared first as name only in footnote in Cuvier 1829:228 [ref. [995](#)]. •Synonym of *Osphronemus goramy* Lacepède 1801 -- (Roberts 1989:177 [ref. [6439](#)], Roberts 1992:353 [ref. [14373](#)], Roberts 1993:39 [ref. [21799](#)], Kottelat 2013:455 [ref. [32989](#)]). **Current status:** Synonym of *Osphronemus goramy* Lacepède 1801. Osphronemidae: Osphroneminae. Habitat: freshwater.

### **Hasselt**

:

***ulbubunitj, Egglestonichthys* Larson [H. S.]** 2013:149, Figs. 2-4 [aqua, International Journal of Ichthyology v. 19 (no. 3); ref. [32790](#)] Off Pococks Beach, north of West Alligator Head, Northern Territory, Australia, depth 1.4 meters. Holotype: NTM S.14635-005. Paratypes: Many at AMS, NTM, QM. WAM. Plus non-type material. •Valid as *Egglestonichthys ulbubunitj* Larson 2013. **Current status:** Valid as *Egglestonichthys ulbubunitj* Larson 2013. Gobiidae: Gobiinae. Distribution: Northern Territory, Australia. Habitat: freshwater, brackish.

### **Larson [H. K.]**

:

***juruenae, Otocinclus*** Ribeiro [A. C.] & Lehmann A. [P.] 2016:241, Figs. 1, 3 [Zootaxa 4147 (no. 3); ref. [34636](#)] Bridge over Rio São João da Barra, Juara, Rio Juruena drainage, Tapajos basin, Mato Grosso, Brazil, 10°18'46.0"S, 57°38'44.0"W. Holotype: MZUSP 120361. Paratypes: CPUFMT, MCP. •Valid as *Otocinclus juruenae* Ribeiro & Lehmann A. 2016. **Current status:** Valid as *Otocinclus juruenae* Ribeiro & **Lehmann A.. Loricariidae:** Hypoptopomatinae. Distribution: Tapajos basin, Mato Grosso, Brazil. Habitat: freshwater.

### **Lehmann A. 2016. Loricariidae**

:

***Congolapia*** Dunz [A. R.], **Vreven [E J.]** & Schliewen [U. K.] 2012:66 [ref. [32297](#)]. Fem. *Tilapia bilineata* Pellegrin 1900. Type by original designation. •Valid as *Congolapia* Dunz, Vreven & Schliewen 2012. **Current status:** Valid as *Congolapia* Dunz, Vreven & Schliewen 2012. Cichlidae: Pseudocrenilabrinae.

### **Vreven [E. J.]**

:

***Ahliesaurus Bertelsen[E.]***, Krefft [G.] & Marshall [N. B.] 1976:21 [ref. [289](#)]. Masc. *Ahliesaurus berryi* Bertelsen, Krefft & Marshall 1976. Type by original designation. •Valid as *Ahliesaurus* Bertelsen, Krefft & Marshall 1976 -- (Krefft in Whitehead et al. 1984:422 [ref. [13675](#)], Okiyama 1984:207 [ref. [13644](#)], Fujii in Masuda et al. 1984:64 [ref. [6441](#)], Krefft 1986:268 [ref. [5684](#)], Paxton & Niem 1999:1927 [ref. [24746](#)], Sato & Nakabo 2002:44 [ref. [25953](#)], Thompson 2003:921 [ref. [27003](#)], Parin et al. 2014:150 [ref. [33547](#)], Stewart 2015:555 [ref. [34215](#)]). **Current status:** Valid as *Ahliesaurus* Bertelsen, Krefft & Marshall 1976. Notosudidae.

### **Bertelsen [E.]**

:

***Iranocypris Bruun[A. F.]*** & Kaiser [E. W.] 1944:4 [ref. [674](#)]. Fem. *Iranocypris typhlops* Bruun & Kaiser 1944. Type by original designation (also monotypic). Journal dates to 1948, preprint appeared in 1944? •Valid as *Iranocypris* Bruun & Kaiser 1944 -- (Banister & Bunni 1980:151 [ref. [175](#)], Proudlove 2006:63 [ref. [28992](#)], Jouladeh-Roudbar et al. 2015:873 [ref. [34062](#)]). •Synonym of *Garra* Hamilton 1822 -- (Sayyadzadeh et al. 2015:77 [ref. [34042](#)], Mousavi-Sabet & Eagderi 2016:45 [ref. [34341](#)]). **Current status:** Synonym of *Garra* Hamilton 1822. Cyprinidae: Labeoninae.

### **Bruun [A. F.]**

:



**Hongshuia Zhang [E.]**, Qiang [X.] & Lan [J.-H.] 2008:34 [ref. [29452](#)].  
Fem. *Hongshuia paoli* Zhang, Qiang & Lan 2008. Type by original designation. •Valid  
as *Hongshuia* Zhang, Qiang & Lan 2008 -- (Yuan et al. 2008:46 [ref. [29667](#)], Zheng  
2010:3 [ref. [30961](#)], Zhu et al. 2011:39 [ref. [31305](#)], Zhang et al. 2016:112  
[ref. [34477](#)], Zheng et al. 2016:139 [ref. [34678](#)]). **Current status:** Valid  
as *Hongshuia* Zhang, Qiang & Lan 2008. Cyprinidae: Labeoninae.

### Zhang [E.]

:

**Lepidotus Asso [I. de]** 1801:38 [ref. [6523](#)]. Masc. *Lepidotus catalonicus* Asso 1801.  
Type by monotypy. •Synonym of *Brama* Bloch & Schneider 1801 -- (Mead 1972:25  
[ref. [6976](#)], Mead 1973:386 [ref. [7199](#)]). **Current status:** Synonym of *Brama* Bloch &  
Schneider 1801. Bramidae.

### Asso [I. de]

:

**Parachelon** Durand [J.-D.], Chen [W.-J.], Shen [K.-N.], **Fu [F.]** & Borsa [P.]  
2012:695 [ref. [32366](#)]. *Mugil grandisquamis* Valenciennes 1836. Type by original  
designation (also monotypic). •Valid as *Parachelon* Durand, Chen, Shen, Fu & Borsa  
2012 -- (Durand & Borsa 2015:268 [ref. [34115](#)], Xia et al. 2016:170 [ref. [34127](#)] in  
"Cheloninae"). **Current status:** Valid as *Parachelon* Durand, Chen, Shen, Fu & Borsa  
2012. Mugilidae.

### Fu [F.]

:

**Flesus Moreau [E.]** 1881:298 (v. 3) [ref. [3040](#)]. Masc. *Pleuronectes flesus* Linnaeus  
1758. Type by absolute tautonymy of name in synonymy of one of two included species.  
•Synonym of *Platichthys* Girard 1854 -- (Norman 1934:376 [ref. [6893](#)], Nielsen  
1973:626 [ref. [6885](#)], Lindberg & Fedorov 1993:147 [ref. [21500](#)], Li & Wang 1995:251  
[ref. [16193](#)], Evseenko 2004:11 [ref. [27606](#)], Parin et al. 2014:540  
[ref. [33547](#)]). **Current status:** Synonym of *Platichthys* Girard 1854. Pleuronectidae:  
Pleuronectinae.

### Moreau [É.]

:

**Thalassinus Moreau [E.]** 1881:319, 320 (v. 1) [ref. [3040](#)]. Masc. *Squalus*  
*rondeletii* Risso 1810. Type by monotypy. •Objective synonym  
of *Thalassorhinus* Valenciennes 1838; synonym of *Prionace* Cantor 1849 -- (Compagno  
1973:30 [ref. [7163](#)], Compagno 1984:521 [ref. [6846](#)], Compagno 1988:346  
[ref. [13488](#)]). **Current status:** Synonym of *Prionace* Cantor 1849. Carcharhinidae.

### Moreau [É.]

:

**Musilová, Z., O. Řičan, K. Janko and J. Nocák** 2008 (21 Feb.) [ref. 29518] [See ref. online](#)

Molecular phylogeny and biogeography of the Neotropical cichlid fish tribe Cichlasomatini  
(Teleostei: Cichlidae: Cichlasomatinae). Molecular Phylogenetics and Evolution v. 46:  
659-672. [Available online 22 Oct. 2007.]

### J. Novák

:

**Euryochus Pereira [E. H. L.]** & Reis [R. E.] 2017:76 [ref. [35307](#)]. Masc. *Euryochus*  
*thysanos* Pereira & Reis 2017. Type by monotypy. •Valid as *Euryochus* Pereira & Reis  
2017. **Current status:** Valid as *Euryochus* Pereira & Reis 2017. Loricariidae:  
Neoplecostominae.

### Pereira [E. H. L.]

:

**Hirtella** Pereira **Pereira [E. H. L.]**, Zanata [A.], M. Cetra [M.] & Reis [R. E.] 2014:673 [ref. [33601](#)]. Fem. *Hirtella carinata* Pereira, Zanata, Cetra & Reis 2014. Type by original designation (also monotypic). •Valid as *Hirtella* Pereira, Zanata, Cetra & Reis 2014 -- (Pereira & Reis 2017:71 [ref. [35307](#)]). **Current status:** Valid as *Hirtella* Pereira, Zanata, Cetra & Reis 2014. Loricariidae: Neoplecostominae.

### **Pereira [E. H. L.]**

:

**Fonchiiloricaria** **Rodriguez** [M. S.], Ortega [H.] & Covain [R.] 2011:882 [ref. [31506](#)]. Fem. *Fonchiiloricaria nanodon* **Rodriguez**, Ortega & Covain 2011. Type by original designation (also monotypic). •Valid as *Fonchiiloricaria* **Rodriguez**, Ortega & Covain 2011 -- (Covain et al. 2015:513 [22] [ref. [34066](#)] in Loricariini). **Current status:** Valid as *Fonchiiloricaria* **Rodriguez**, Ortega & Covain 2011. Loricariidae: Loricariinae.

### **Rodríguez**

:

**Metasalanx** Wakiya [Y.] & **Takahashi** [N.] 1937:293 [ref. [4571](#)]. Masc. *Metasalanx coreanus* Wakiya & Takahashi 1937. Type by monotypy. Not available; manuscript name in synonymy of *Hemisalanx* Regan 1908, and apparently never made available by subsequent use. •In the synonymy of *Salanx* Cuvier 1816 -- (Roberts 1984:206 [ref. [5318](#)]). **Current status:** Synonym of *Salanx* Cuvier 1816. Salangidae.

### **Takahasi**

:

**Qianlabeo** **Zhang [E.]** & Chen [Y.-Y.] 2004:27 [ref. [27930](#)]. Masc. *Qianlabeo striatus* Zheng & Chen 2004. Type by original designation (also monotypic). •Valid as *Qianlabeo* Zhang & Chen 2004 -- (Zheng 2010:3 [ref. [30961](#)], Zhu et al. 2011:39 [ref. [31305](#)], Zhang et al. 2016:115 [ref. [34477](#)]). **Current status:** Valid as *Qianlabeo* Zhang & Chen 2004. Cyprinidae: Labeoninae.

### **Zhang [E]**

:

**Linichthys** **Zhang [E.]** & Fang [F.] 2005:62 [ref. [28089](#)]. Masc. *Barbodes laticeps* Lin & Zhang 1986. Type by original designation (also monotypic). •Valid as *Linichthys* Zhang & Fang 2005 -- (Yang et al. 2012:362 [ref. [33458](#)] in Labeonini). **Current status:** Valid as *Linichthys* Zhang & Fang 2005. Cyprinidae: Labeoninae.

### **Zhang [E]**

:

**Akrokolioplax** **Zhang [E.]** & Kottelat [M.] 2006:21 [ref. [28711](#)]. *Epalzeorhynchus bicornis* Wu 1977. Type by original designation (also monotypic). •Valid as *Akrokolioplax* Zhang & Kottelat 2006 -- (Zheng 2010:3 [ref. [30961](#)], Zhu et al. 2011:39 [ref. [31305](#)], Kottelat 2013:72 [ref. [32989](#)], Zhang et al. 2016:106 [ref. [34477](#)], Kottelat 2016:445 [ref. [34856](#)]). •Synonym of *Gonorhynchus* McClelland 1838 -- (Yang et al. 2012:362 [ref. [33458](#)], Ciccotto & Page 2016:472 [ref. [34501](#)]). •Synonym of *Tariqilabeo* Mirza & Saboohi 1990 -- (Ciccotto & Page 2017:447 [ref. [35090](#)]). **Current status:** Synonym of *Tariqilabeo* Mirza & Saboohi 1990. Cyprinidae: Labeoninae.

### **Zhang [E]**

:

**Hongshuia** **Zhang [E.]** Qiang [X.] & Lan [J.-H.] 2008:34 [ref. [29452](#)]. Fem. *Hongshuia paoli* Zhang, Qiang & Lan 2008. Type by original designation. •Valid as *Hongshuia* Zhang, Qiang & Lan 2008 -- (Yuan et al. 2008:46 [ref. [29667](#)], Zheng 2010:3 [ref. [30961](#)], Zhu et al. 2011:39 [ref. [31305](#)], Zhang et al. 2016:112 [ref. [34477](#)], Zheng et al. 2016:139 [ref. [34678](#)]). **Current status:** Valid as *Hongshuia* Zhang, Qiang & Lan 2008. Cyprinidae: Labeoninae.

### **Zhang [E]**

:

**Cophecheilus** Zhu [Y.], **Zhang [E.]** Zhang [M.] & Han [Y.-Q.] 2011:41 [ref. [31305](#)]. Masc. *Cophecheilus bamen* Zhu, Zhang, Zhang & Han 2011. Type by original designation (also monotypic). •Valid as *Cophecheilus* Zhu, Zhang, Zhang & Han 2011 -- (He et al. 2015:299 [ref. [33757](#)], Zhang et al. 2016:108 [ref. [34477](#)], Zheng et al. 2016:139 [ref. [34678](#)]). **Current status:** Valid as *Cophecheilus* Zhu, Zhang, Zhang & Han 2011. Cyprinidae: Labeoninae.

### **Zhang [E.]**

:

**Nosferatu** De la Maza-Benignos [M.], Ornelas-Garcia [C. P.], **Lozano-Vilano [M. d. L.]**, García-Ramírez et al. 2015:210 [ref. [33310](#)]. Masc. *Herichthys pame* De la Maza-Benignos & Lozano-Vilano Type by original designation. •Valid as *Nosferatu* De la Maza-Benignos, Ornelas-García, Lozano-Vilano, García-Ramírez & Doadrio 2015 -- (McMahan et al. 2015:220 [ref. [33920](#)]). •Synonym of *Herichthys* Baird & Girard 1854 -- (Mejía et al. 2015:71 [ref. [33860](#)], Řičan et al. 2016:40 [ref. [34357](#)]). **Current status:** Synonym of *Herichthys* Baird & Girard 1854. Cichlidae: Cichlinae.

### **Lozano-Vilano**

#### **[M. de L.]**

:

**Congolapia** Dunz [A. R.], Vreven **[E J.]** & Schliewen [U. K.] 2012:66 [ref. [32297](#)]. Fem. *Tilapia bilineata* Pellegrin 1900. Type by original designation. •Valid as *Congolapia* Dunz, Vreven & Schliewen 2012. **Current status:** Valid as *Congolapia* Dunz, Vreven & Schliewen 2012. Cichlidae: Pseudocrenilabrinae.

### **[E. J.]**

:

**Pseudomyxus** Durand [J.-D.], Chen [W.-J.], Shen [K.-N.], **Fu [C.]** & Borsa [P.] 2012:695 [ref. [32366](#)]. Masc. *Mugil capensis* Valenciennes 1836. Type by original designation (also monotypic). •Valid as *Pseudomyxus* Durand, Chen, Shen, Fu & Borsa 2012 -- (Durand & Borsa 2015:268 [ref. [34115](#)], Xia et al. 2016:170 [ref. [34127](#)] in "Cheloninae"). **Current status:** Valid as *Pseudomyxus* Durand, Chen, Shen, Fu & Borsa 2012. Mugilidae.

### **Fu [C.-Z.]**

:

**Parachelon** Durand [J.-D.], Chen [W.-J.], Shen [K.-N.], **Fu [C.]** & Borsa [P.] 2012:695 [ref. [32366](#)]. *Mugil grandisquamis* Valenciennes 1836. Type by original designation (also monotypic). •Valid as *Parachelon* Durand, Chen, Shen, Fu & Borsa 2012 -- (Durand & Borsa 2015:268 [ref. [34115](#)], Xia et al. 2016:170 [ref. [34127](#)] in "Cheloninae"). **Current status:** Valid as *Parachelon* Durand, Chen, Shen, Fu & Borsa 2012. Mugilidae.

### **Fu [C.-Z.]**

:

**Neochelon** Durand [J.-D.], Chen [W.-J.], Shen [K.-N.], **Fu [C.]** & Borsa [P.] 2012:695 [ref. [32366](#)]. *Mugil falcipinnis* Valenciennes 1836. Type by original designation (also monotypic). •Valid as *Neochelon* Durand, Chen, Shen, Fu & Borsa 2012 -- (Durand & Borsa 2015:268 [ref. [34115](#)], Xia et al. 2016:170 [ref. [34127](#)] in "Cheloninae"). **Current status:** Valid as *Neochelon* Durand, Chen, Shen, Fu & Borsa 2012. Mugilidae.

### **Fu [C.-Z.]**

:

**Andeancistrus** Lujan [N. K.], Meza-Vargas [V.] & **Barriga-Salazar [R.]** 2015:652 [ref. [33963](#)]. Masc. *Chaetostomus platycephalus* Boulenger 1898. Type by original designation. •Valid as *Andeancistrus* Lujan, Meza-Vargas & Barriga-Salazar 2015. **Current status:** Valid as *Andeancistrus* Lujan, Meza-Vargas & Barriga-Salazar 2015. Loricariidae: Hypostominae.

### **Barriga-Salazar [R. E.] – to be consistent**

:

**Transancistrus** Lujan [N. K.], **Meza-Vargas [V.]**, **Barriga-Salazar [R.]** 2015:657 [ref. [33963](#)]. Masc. *Cordylancistrus santarosensis* Tan & Armbruster 2012. Type by original designation. •Valid as *Transancistrus* Lujan, Meza-Vargas, Barriga-Salazar 2015. **Current status:** Valid as *Transancistrus* Lujan, Meza-Vargas, Barriga-Salazar 2015. Loricariidae: Hypostominae.

### **Meza-Vargas [V.] & Barriga-Salazar [R. E.] – to be consistent**

:

**Chauliocheilos Martins [F. O.]**, Andrade [B. N.], Rosa [A. C.] & Langeani [F.] 2014:194 [ref. [33629](#)]. Masc. *Chauliocheilos saxatilis* Martins, Andrade, Rosa & Langeani 2014. Type by original designation (also monotypic). •Valid as *Chauliocheilos* Martins, Andrade, Rosa & Langeani 2014. **Current status:** Valid as *Chauliocheilos* Martins, Andrade, Rosa & Langeani 2014. Loricariidae: Hypoptopomatinae.

### **Martins [F. de O.]**

:

**Euryochus Pereira [E. H. L.]** & Reis [R. E.] 2017:76 [ref. [35307](#)]. Masc. *Euryochus thysanos* Pereira & Reis 2017. Type by monotypy. •Valid as *Euryochus* Pereira & Reis 2017. **Current status:** Valid as *Euryochus* Pereira & Reis 2017. Loricariidae: Neoplecostominae.

### **Pereira [E. H. L.]**

:

**Hirtella Pereira [E. H. L.]**, Zanata [A.], M. Cetra [M.] & Reis [R. E.] 2014:673 [ref. [33601](#)]. Fem. *Hirtella carinata* Pereira, Zanata, Cetra & Reis 2014. Type by original designation (also monotypic). •Valid as *Hirtella* Pereira, Zanata, Cetra & Reis 2014 -- (Pereira & Reis 2017:71 [ref. [35307](#)]). **Current status:** Valid as *Hirtella* Pereira, Zanata, Cetra & Reis 2014. Loricariidae: Neoplecostominae.

### **Pereira [E. H. L.]**

:

**Metasalanx** Wakiya [Y.] & **Takahashi** [N.] 1937:293 [ref. [4571](#)]. Masc. *Metasalanx coreanus* Wakiya & Takahashi 1937. Type by monotypy. Not available; manuscript name in synonymy of *Hemisalanx* Regan 1908, and apparently never made available by subsequent use. •In the synonymy of *Salanx* Cuvier 1816 -- (Roberts 1984:206 [ref. [5318](#)]). **Current status:** Synonym of *Salanx* Cuvier 1816. Salangidae.

### **Takahasi**

:

**Magadania** Shinohara [G.], Nazarkin [M. V.] & Chereshev [I. A.] in Shinohara, **Nazarkin & Yabe & Chereshev** 2004:137 [ref. [27581](#)]. *Magadania skopetsi* Shinohara, Nazarkin & Chereshev 2004. Type by original designation (also monotypic). Appeared first in Fedorov et al. 2003:119 [ref. [27579](#)] with authorship as above and in press as the stated date. Preoccupied, replaced by *Magadanichthys* Shinohara, Nazarkin & Chereshev 2006. •Valid as *Magadania* Shinohara, Nazarkin & Chereshev 2004 -- (Fedorov et al. 2003:119 [ref. [27579](#)]). •Synonym of *Magadanichthys* Shinohara, Nazarkin & Chereshev 2006 -- (Parin et al. 2014:425 [ref. [33547](#)]). **Current status:** Synonym of *Magadanichthys* Shinohara, Nazarkin & Chereshev 2006. Zoarcidae: Gymnelinae.

### **Nazarkin, Yabe & Chereshev**

:

**Peromere** Duméril [A. M. C.] 1856:170 [ref. [1154](#)]. *Syngnathus rondeletii* Delaroche 1809. Appeared as Péromère; **not available, French vernacular name only, apparently not later made available.** Syngnathidae: Syngnathinae.

### **Ambiguous statement needs a comma**

**not available, French vernacular name only, apparently not, later made available.**

:

**Do we need both of the 2 following records ?**

***Tetragonizus* and *Tetragonizos***

•

***Tetragonizus*** Billberg [G. J.] 1833:53 [ref. [34146](#)]. Masc. *Ostracion cornutus* Linnaeus 1833. Type by original designation (also monotypic). • **Valis** as *Lactoria* Jordan & Fowler 1902 when both are considered as synonyms and when *Lactoria* is in prevailing usage -- (Kullander 2016:110 [ref. [34147](#)]). **Current status:** Synonym of *Lactoria* Jordan & Fowler 1833. Ostraciidae.

**Valid**

:

***Tetragonizos*** Billberg [G. J.] 1833:52, 53 [ref. [34146](#)]. Masc. *Ostracion cornutus* Linnaeus 1758. Type by monotypy. Not used as valid after 1899; therefore reversal of priority in favor of *Lactoria* Jordan & Fowler 1902 is followed (ICZN Art. 23.9). • Synonym of *Lactoria* Jordan & Fowler 1902-- (Kullander 2016:110 [ref. [34147](#)]). **Current status:** Synonym of *Lactoria* Jordan & Fowler 1902. Ostraciidae.

:

***Peromere*** Duméril [A. M. C.] 1856:170 [ref. [1154](#)]. *Syngnathus rondeletii* Delaroche 1809. Appeared as Péromère; **not available, French vernacular name only, apparently not later made available.** Syngnathidae: Syngnathinae.

**Ambiguous statement needs a comma**

**not available, French vernacular name only, apparently not, later made available.**

:

***Nemoossis*** Hidaka [K.], Tsukamoto [Y.] & Iwatsuki [Y.] 2016:[2] [ref. [34592](#)]. Masc. *Pterothrissus bellocci* Cadenat 1937. Type by original designation. • Valid as *Nemoossis* Hidaka, Tsukamoto & Iwatsuki 2016. **Current status: Valid as *Nemoossis* Cadenat 1937.** Albulidae: Pterothrissinae.

**Valid as *Nemoossis* Hidaka, Tsukamoto & Iwatsuki 2016**

:

***Transancistrus*** Lujan [N. K.], **Meza-Vargas [V.], Barriga-Salazar [R.]** 2015:657 [ref. [33963](#)]. Masc. *Cordylancistrus santarosensis* Tan & Armbruster 2012. Type by original designation. • Valid as *Transancistrus* Lujan, Meza-Vargas, Barriga-Salazar 2015. **Current status:** Valid as *Transancistrus* Lujan, Meza-Vargas, Barriga-Salazar 2015. Loricariidae: Hypostominae.

**Meza-Vargas [V.] & Barriga-Salazar [R.]**

:

***Eidinemacheilus*** Segherloo [I. H.], Ghaedrahmati [N.] & Freyhof [J.] 2016:471 [ref. [34639](#)]. Masc. ***Noemacheilus smithi* Greenwood** Type by original designation (also monotypic). First author seen as Hashemzadeh Segherloo [ref. [35254](#)]. • Valid as *Eidinemacheilus* Segherloo, Ghaedrahmati & Freyhof 2016 -- (Freyhof et al. 2016:227 [ref. [34803](#)], Esmaeili et al. 2017:62 [ref. [35254](#)]). **Current status:** Valid as *Eidinemacheilus* Segherloo, Ghaedrahmati & Freyhof 2016. Nemacheilidae.

***Noemacheilus smithi* Greenwood 1976**

:

***Poecilopanchax*** (subgenus of *Cynopoecilus*) Costa [W. J. E. M.] 2016:129 [ref. [34776](#)]. Masc. *Cynolebias notabilis* Ferrer, Wingert & Malabarba 2014. Type by original designation (**and monotypy**). • Valid as *Cynopoecilus* Regan 1912, but a valid subgenus as described. **Current status:** Synonym of *Cynopoecilus Poecilopanchax* Costa 2016. Cynolebiidae.

**Also monotypic – To be consistent**



:

**Pseudoqolus** Lujan [N. K.], Cramer [C. A.], Covain [R.], Fisch-Muller [S.] & López-Fernández [H.] 2017:333 [12] [ref. [35031](#)]. Masc. *Panaqolus koko* Fisch-Müller & Covain 2012. Type by original designation (**and monotypic**). •Valid as *Pseudoqolus* Lujan, Cramer, Covain, Fisch-Muller & López-Fernández 2017. **Current status:** Valid as *Pseudoqolus* Lujan, Cramer, Covain, Fisch-Muller & López-Fernández 2017. Loricariidae: Hypostominae.

### Also monotypic – To be consistent

:

**Spinilophus** Yearsley [G. K.] & Last [P. R.] 2016:36 [ref. [34939](#)]. Masc. *Urolophus armatus* **Müller & Henle 1841**. Type by original designation (also monotypic). •Valid as *Spinilophus* Yearsley & Last 2016 -- (Last et al. 2016:677 [ref. [35015](#)]). **Current status:** Valid as *Spinilophus* Yearsley & Last 2016. Urolophidae.

### Valenciennes in Müller & Henle 1841

:

**Georgimarinus** Voskoboinikova [O. S.] & Nazarkin [M. V.] 2015:521 [630] [ref. [33994](#)]. Masc. **Cyclopterus** *barbatus* Lindberg & Legeza 2015. Type by original designation (also monotypic). Dates to Russian abstract that appeared on 2 Oct. 2015 in Voprosy Ikhtiologii v. 55 (no. 5):521. •Valid as *Georgimarinus* Voskoboinikova & Nazarkin 2015. •Synonym of *Eumicrotremus* Gill 1862 -- (Oku et al. 2017:54 [ref. [35060](#)]). **Current status:** Synonym of *Eumicrotremus* Gill 1862. Cyclopteridae: Eumicrotreminae.

### Cyclopteropsis

:

**Poecilopanchax** (subgenus of *Cynopoecilus*) Costa [W. J. E. M.] 2016:129 [ref. [34776](#)]. Masc. **Cynolebias notabilis** Ferrer, Wingert & Malabarba 2014. Type by original designation (and monotypy). •Valid as *Cynopoecilus* Regan 1912, but a valid subgenus as described. **Current status:** Synonym of *Cynopoecilus Poecilopanchax* Costa 2016. Cynolebiidae.

### Cynopoecilus notabilis

:

**Acommissura** (subgenus of *Synchiropus*) Fricke [R.] 2016:9 [ref. [34659](#)]. Neut. *Synchiropus sechellensis* Regan 1908. Type by original designation. •Valid as *Synchiropus* Gill 1859, subgenus *Acommissura* Fricke 2016. **Current status:** Valid as ***Synchiropus Acommissura*** Fricke 2016. Callionymidae.

### Possibly change to *Synchiropus (Acommissura)*

:

:

LOOK INTO SUBGENUS QUERY BILL

**Acommissura** (subgenus of *Synchiropus*) Fricke [R.] 2016:9 [ref. [34659](#)]. Neut. *Synchiropus sechellensis* Regan 1908. Type by original designation. •Valid as *Synchiropus* Gill 1859, subgenus *Acommissura* Fricke 2016. **Current status:** Valid as *Synchiropus Acommissura* Fricke 2016. Callionymidae.

**Aplocheilus** (subgenus of *Poecilia*) McClelland [J.] 1838:944 [ref. [2924](#)]. Masc. *Aplocheilus chrysostrigmus* McClelland 1839. Type by subsequent designation. Type designated by Bleeker 1864:140 [ref. [4859](#)]. Genus originally spelled *Paecilia*. *Haplochilus* Agassiz 1846:29, 172 [ref. [64](#)] is an unjustified emendation. Predated by *Odontopsis* van Hasselt 1823; see Roberts 1993:33 [ref. [21799](#)]. Declared a nomen protectum by Kottelat 2013:299 [ref. [32989](#)]. First appeared without species;

species added by McClelland 1839:301 [ref. [2923](#)]. Spelled *Aplochelus* by McClelland 1839:261 [ref. [2923](#)]. •Valid as *Aplocheilus* McClelland 1838 (often dated 1839) -- (Radda 1974:1 [ref. [30318](#)], Jayaram 1981:294 [ref. [6497](#)], Parenti 1981:471 [ref. [7066](#)] with type as *Esox panchax*, Kottelat 1985:272 [ref. [11441](#)], Kottelat 1989:16 [ref. [13605](#)], Aatur Rahman 1989:62 [ref. [24860](#)], Seegers 1997:7 [ref. [23895](#)], Parenti 1999:2198 [ref. [24784](#)], Lazara 2001:49 [ref. [25711](#)], Aatur Rahman 2003:77 [ref. [31338](#)], Huber 2005:14 [ref. [28394](#)], Hertwig 2008:163 [ref. [29531](#)], Shibukawa 2009:50 [ref. [30449](#)], Kottelat 2013:299 [ref. [32989](#)]). **Current status:** Valid as *Aplocheilus* McClelland 1838. Aplocheilidae.

**Bengana** (subgenus of *Cyprinus*) Gray [J. E.] 1835:Pl. 97 (v. 2) [ref. [1878](#)]. Fem. *Cyprinus (Bengana) falcata* Gray 1832. Type by monotypy. Not the same as *Bengala* (see Bănărescu 1997:20 [ref. [23274](#)]) contrary to Eschmeyer & Bailey ("Genera" 1990). •Status uncertain -- (Bănărescu 1997:20 [ref. [23274](#)]). **Current status:** Uncertain. Cyprinidae: Cyprininae.

**Brachypetersius** (subgenus of *Phenacogrammus*) Hoedeman [J. J.] 1956:559-560 [ref. [6184](#)]. Masc. *Micralestes altus* Boulenger 1899. Type by original designation (also monotypic). First appeared in Hoedeman 1951:8 [ref. [2178](#)] as a new subgenus of *Alestopetersius* but not available (no fixation of type species after 1930, Art. 13.3); dates to Hoedeman 1956. •See Géry 1995:47 [ref. [22057](#)]. •Valid as *Brachypetersius* Hoedeman 1956 -- (Poll 1967:99 [ref. [3529](#)], Paugy 1984:164 [ref. [6183](#)], Paugy & Schaefer 2007:401 [ref. [30022](#)], Mirande 2009:6 [ref. [30267](#)] in Alestidae, Mirande 2010:474 [ref. [31006](#)]). **Current status:** Valid as *Brachypetersius* Hoedeman 1956. Alestidae.

**Campagnoia** (subgenus of *Parmaturus*) Springer [S.] 1979:102 [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.

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

**Haplochilus** See *Aplocheilus*. Aplocheilidae.

**Panchax** Valenciennes [A.] in Cuvier & Valenciennes 1846:380 [ref. [1011](#)]. Masc. *Panchax buchanani* Valenciennes 1846 (= *Esox panchax* Hamilton 1822). Type is *panchax* by absolute tautonymy of senior objective synonym, Valenciennes' *P. buchanani* is an unneeded replacement for *E. panchax*. Not *lineatum* as designated by Bleeker 1864:140 [ref. [4859](#)]. •Synonym of *Aplocheilus* McClelland 1839 -- (Parenti 1981:471 [ref. [7066](#)], Lazara 2001:49 [ref. [25711](#)], Kottelat 2013:299 [ref. [32989](#)]). **Current status:** Synonym of *Aplocheilus* McClelland 1839. Aplocheilidae.

**Crossocheilichthys** (subgenus of *Crossocheilos*) Bleeker [P.] 1859:335 [ref. [368](#)]. Masc. *Lobocheilos cobitis* Bleeker 1854. Type by monotypy. Also in Bleeker 1860:122 [ref. [380](#)]. •Synonym of *Crossocheilus* Kuhl & van Hasselt 1823 -- (Kottelat 2013:89 [ref. [32989](#)], Ciccotto et al. 2017:272 [ref. [35402](#)]). **Current status:** Synonym of *Crossocheilus* Kuhl & van Hasselt 1823. Cyprinidae: Labeoninae.

**Ctenoxylepis** (subgenus of *Oxyurichthys*) Pezold [F. L.] & Larson [H. K.] 2015:11 [ref. [33894](#)]. Masc. *Gobius keiensis* Smith 1938. Type by original designation (also monotypic). •Synonym of *Oxyurichthys* Bleeker 1857, but a valid subgenus

as *Ctenoxylepis* Pezold & Larson 2015. **Current status:** Synonym of *Oxyurichthys* Bleeker 1857. Gobiidae: Gobionellinae.

**Iconisemion** (subgenus of *Aphyosemion*) Huber [J. H.] 2013 [ref. [33091](#)]. Masc. *Haplochilus striatus* Boulenger 2013. Seen only from a listing. •Synonymy of *Aphyosemion* Myers 1924, but a valid subgenus *Iconisemion* as described. **Current status:** Synonym of *Aphyosemion Iconisemion*. Nothobranchiidae.

**Leiurus** (subgenus of *Capriscus*) Swainson [W.] 1839:194, 326 [ref. [4303](#)]. Masc. *Leiurus macrophthalmus* Swainson 1839. Type by subsequent designation. Type designated by Swain 1883:282 [ref. [5966](#)]. Objectively invalid; preoccupied by *Leiurus* Swainson on p. 242 of same work, replaced by *Abalistes* Jordan & Seale 1906. •Synonym of *Abalistes* Jordan & Seale 1906 -- (Allen et al. 2006:1870 [ref. [29098](#)]). **Current status:** Synonym of *Abalistes* Jordan & Seale 1906. Balistidae.

**Leiurus** (subgenus of *Gasterosteus*) Swainson [W.] 1839:175, 242 [ref. [4303](#)]. Masc. *Gasterosteus aculeatus* Linnaeus 1758. Type by subsequent designation. Type designated by Swain 1882:276 [ref. [5966](#)]. *Leiurus* on Swainson page 326 not same genus. •Synonym of *Gasterosteus* Linnaeus 1758 -- (Monod 1973:280 [ref. [7193](#)]). **Current status:** Synonym of *Gasterosteus* Linnaeus 1758. Gasterosteidae.

**Mooreichthys** (subgenus of *Etheostoma*) Sloss [B. L. N.], Billington [N.] & Burr [B. M.] 2004:547 [ref. [31536](#)]. Masc. *Hadropterus sellaris* Radcliffe & Welsh 1913. Not available, seen in the literature (see Scharpf 2008:31 [ref. [30399](#)]). Appeared as a nomen nudum in meeting abstracts in 1994 and 2003 and in print in Sloss et al. 2004:547 [ref. [31536](#)]. Appeared with one included species *sellare* as a subgenus of *Etheostoma*. No description and not described as new. See *Mooreichthys* Stephens et al. 2014. **Current status:** Uncertain. Percidae: Etheostomatinae.

**Mooreichthys** (subgenus of *Etheostoma*) Stephens [R. R.], Johnson [K. A.] & Grady [M. P.] 2014:542 [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.

**Sandat** (subgenus of *Perca*) Bory de Saint-Vincent [J. B. G. M.] 1828:v. 15, p. 98 [ref. [3853](#)]. Masc. *Perca lucioperca* Linnaeus 1758. Appeared without species, type inferred from vernacular name. •Synonym of *Sander* Oken 1817. **Current status:** Synonym of *Sander* Oken 1817. Percidae: Luciopercinae.

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**Panafilus** (subgenus of *Panaqolus*) Lujan [N. K.], Cramer [C. A.], Covain [R.], Fisch-Muller [S.] & López-Fernández [H.] 2017 [ref. [35031](#)]. Masc. *Panaque albomaculatus* Kanazawa 1958. Type by original designation. •Synonym of *Panaqolus* Isbrücker & Schraml 2001, but a valid subgenus *Panafilus* as described. **Current status:** Valid as *Panaqolus Panafilus* Lujan, Cramer, Covain, Fisch-Muller & López-Fernández 2017. Loricariidae: Hypostominae.

**Panaqoco** (subgenus of *Panaqolus*) Lujan [N. K.], Cramer [C. A.], Covain [R.], Fisch-Muller [S.] & López-Fernández [H.] 2017:332 [ref. [35031](#)]. Masc. *Panaque maccus* Schaefer & Stewart 1993. Type by original designation (also monotypic). •Synonym of *Panaqolus* Isbrücker & Schraml 2001, but a valid subgenus *Panaqoco* as described. **Current status:** Valid as *Panaqolus Panaqoco* Lujan, Cramer, Covain, Fisch-Muller & López-Fernández 2017. Loricariidae: Hypostominae.



