

Catalog of Fishes Queries April 2017 B

Dennis Polack Fishwisepro

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fellowsesii, Leuciscus Günther [A.] 1868:224, Fig. [Catalogue of the fishes in the British Museum v. 7; ref. 1990] Xanthos, Turkey. Syntypes: BMNH 1845.7.9.58-59 (2). •Synonym of *Leuciscus cephalus* (Linnaeus 1758) -- (Bogutskaya 1997:172 [ref. 23566]). •Synonym of *Squalius cephalus* (Linnaeus 1758). •Valid as *Squalius fellowsesii* (Günther 1868) -- (Turan et al. 2009:61 [ref. 30540], Bogutskaya & Zupančič 2010:53 [ref. 30905], Özuluğ & Freyhof 2011:134 [ref. 31360], Turan et al. 2013:322 [ref. 32584], Barbieri et al. 2015:64 [ref. 35029], Çiçek et al. 2015:147 [ref. 35151]). **Current status: *Synonym of Squalius fellowsesii*** (Günther 1868). Cyprinidae: Leuciscinae. Distribution: Aegean drainages: Turkey and Greece. Habitat: freshwater.

Valid as

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ghigii, Leucaspius Gianferrari [L.] 1927:123 [Atti della Società Italiana di Scienze Naturali di Milano v. 66; ref. 15787] Mulini River, Coschino, Rhodes Island, Greece. Holotype: MSNM 28 [ex MSNM 4385]. Paratypes: AMNH 9670 (1); BMNH 1927.10.21.2 (1), 1929.8.8.1 (1); IRSNB 29 (1); MSNG 27525 (1); NMBA 4165 (1); NMW 18423 (1). Type catalog: Tortonese 1961:187 [ref. 10343], Conci & Michelangeli 1974:225 [ref. 21560], Walschaerts 1987:13 [ref. 20755], Kottelat & Sutter 1988:53 [ref. 13796]. Also described as new in Gianferrari 1929:39, Fig. 1 [ref. 20205]. •See Doadrio & Carmona 2006:200 [ref. 28975] as *ghiggi*. •Valid as *Pseudophoxinus ghigii* (Gianferrari 1927) -- (Bogutskaya et al. 2006:335 [ref. 29055]). •Valid as *Squalius ghigii* (Gianferrari 1927) -- (Perea et al. 2010:14 [ref. 31802]). •Valid as *Ladigesocypris ghigii* (Gianferrari 1927) -- (Economidis 1995:205 [ref. 23025], Bogutskaya 1996:39 [ref. 22945], Bianco et al. 1996:51 [ref. 26724], Kottelat 1997:63 [ref. 22952], Bogutskaya 1997:171 [ref. 23566], Fricke et al. 2007:40 [ref. 29533], Kottelat & Freyhof 2007:202 [ref. 29996], Barbieri et al. 2015:54 [ref. 35029], Çiçek et al. 2015:146 [ref. 35151]). **Current status: Valid as *Ladigesocypris ghigii* Gianferrari 1927**. Cyprinidae: Leuciscinae. Distribution: Southwestern Anatolia. Habitat: freshwater, brackish.

(Gianferrari 1927)

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prosperi, Leucaspius Gianferrari [L.] 1927:124 [Atti della Società Italiana di Scienze Naturali di Milano v. 66; ref. 15787] Rhodes, Greece. Syntypes: BMNH 1929.8.8.2 (1); IRSNB 30 (1); MNHN 1929-0002 (3); MSNM 30 [ex MSNM 4386] (2); NMBA 4164 (1); NMW 6190-91 (2), 13490 (1); USNM 92239 (2). Type catalog: Bertin & Estève 1948:78 [ref. 19574], Conci & Michelangeli 1974:225 [ref. 21560], Walschaerts 1987:13 [ref. 20755], Kottelat & Sutter 1988:53 [ref. 13796]. Appeared with spelling *prosperi* as above; also described as new in Gianferrari 1929:41, Fig. 3 [ref. 20205] with spelling consistently as *prosperoi* [derivation of name not given]. •Synonym of *Ladigesocypris ghigii* (Gianferrari 1927) -- (Bogutskaya 1996:39 [ref. 22945], Kottelat 1997:63 [ref. 22952], Bogutskaya 1997:171 [ref. 23566]). •Valid as *Squalius ghigii* (Gianferrari 1927) based on placement of *ghigii*. **Current status: *Synonym of Squalius ghigii* (Gianferrari 1927)**. Cyprinidae: Leuciscinae. Habitat: freshwater, brackish.
Synonym of *Ladigesocypris ghigii* (Gianferrari 1927)

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affinis, *Callionymus* Ogilby [J. D.] 1910:134 [On some new fishes from the Queensland coast; ref. 3289] Off Cape Moreton, Queensland, Australia. Holotype (unique): AMS E.1569. Objectively invalid; preoccupied by *Callionymus affinis* Regan 1908. •Synonym of *Calliurichthys scaber* (McCulloch 1926) -- (Hoese & Bray 2006:1581 [ref. 29000]). •Questionably a senior synonym of *Callionymus ogilbyi* Fricke 2002 -- (Fricke 2002:35 [ref. 26547]). **Current status:** Synonym of ***Callionymus scaber*** McCulloch 1926. Callionymidae. Habitat: marine.

Calliurichthys

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vanaclevei, Intonsagobius Herre [A. W. C. T.] 1950:73 [Proceedings of the Biological Society of Washington v. 63; ref. 11041] Dumaguete, Oriental Negros, Philippines. Holotype (unique): USNM 202513 [ex UW 7577]. Type catalog: Meldrim & Wadley 1968:873 [ref. 31181]. Originally as *van clevei*. •Synonym of *Callogobius maculipinnis* (Fowler 1918) -- (McKinney & Lachner 1984:627 [ref. 21192], Goren et al. 1991:299 [ref. 19765]). •Valid as *Callogobius vanaclevei* (Herre 1950) -- (Delventhal & Mooi 2013:156 [ref. 32677]). **Current status:** **Synonym of *Callogobius vanaclevei*** (Herre 1950). Gobiidae: Gobiinae. Distribution: Philippines. Habitat: marine.

Valid as

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hagiangensis, Sinogastromyzon Nguyen [V. H.] 2005:608, Fig. 37 [Freshwater fishes of Vietnam v. 2; ref. 29730] Town of Hà Giang, Hà Giang Province, Lô River, Vietnam. Holotype: NCNTTS I. Paratypes: (2). •Questionably valid as *Sinogastromyzon hagiangensis* Nguyen 2005 -- (Kottelat 2012:55 [ref. 32367]). •Questionably valid as *Schistura hagiangensis* (**Nguyun** 2005) -- (Kottelat 2012:109 [ref. 32367], Kottelat 2013:190 [ref. 32989], Kottelat 2013:207 [ref. 32989]). **Current status:** Uncertain as *Schistura hagiangensis* (Nguyen 2005). Nemacheilidae. Distribution: Small rivers and creeks of the Lô river system in Hà Giang, Hà Giang Province, Vietnam. Habitat: freshwater.

Nguyen

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productus, Nemachilus stoliczkae Herzenstein [S. M.] 1888:23, Pl. 1 (fig. 5) [Zoologischer Theil, Wien v. 3 (2 abt.) (1); ref. 2147] Tributaries of Hwang He [Chuan che] River, China. Holotype (unique): ZIN 7329. Original genus is correctly *Nemacheilus*. First reviser selecting *leptosoma* over *productus* apparently Zhu 1989:110. •Synonym of *Triplophysa leptosoma* (Herzenstein 1888) -- (Zhu 1989:110 [ref. 17744], Chen & Zhang in Chen 1998:79 [ref. 23556], Prokofiev 2007:18? [Engl. 14] [ref. 28990], Prokofiev 2006:257 [ref. 29061]). •Synonym of *Indotriplophysa leptosoma* (Herzenstein 1888) -- (Kottelat 2012:86 [ref. 32367]). **Current status:** Synonym of ***Indotriplophysa leptosoma*** (Herzenstein 1888). Nemacheilidae. Habitat: freshwater.

Triplophysa

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maraenoides, Coregonus lavaretus var. Berg [L. S.] (ex Polyakov) 1916:94, Fig. 86 [Les Poissons des eaux douces de la Russie; ref. 277] Lakes Chud [Peipus] and Pskov, Estonia and Russia. Neotype: ZISP 53230. Appeared first as name only in Polyakov 1874:xxxii [ref. 19594]. Objectively invalid; preoccupied by *Coregonus asperi maraenoides* Fatio 1885. But Kottelat et al. 2005:183 [ref. 28473] date the name to Polyakov and names a neotype from Kessler material; the connection to literature is not clearcut and perhaps unacceptable. •Synonym of *Coregonus lavaretus* (Linnaeus 1758), but a valid subspecies as described -- (Berg 1948:385 [ref. 12882], Reshetnikov et al. 1997:731 [ref. 24702], Reshetnikov 1998:43 [ref. 23570]). •Placement unclear -- (Kottelat 1997:122 [ref. 22952]). •Treated as valid, dating to Polyakov 1874 -- (Bogutskaya & Naseka 2004:139 [ref. 28183]). •Valid as *Coregonus*

maraenoides Polyakov 1874 -- (Kottelat & Freyhof 2007:375 [ref. 29996]). **Current status:** Valid as *Coregonus maraenodes* Polyakov 1874. Salmonidae: Coregoninae. Distribution: Estonia and Russia, introduced into other areas of Europe. Habitat: freshwater.

maraenoides

Is it possible to synchronise the Current Author (Polyakov or Berg) to the Reference ?

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blackfordii, Mesoprion Goode [G. B.] & Bean [T. H.] 1878:176 [Proceedings of the United States National Museum v. 1 (no. 24); ref. 18130] Pensacola, Florida, U.S.A. Lectotype: USNM 21330. Paralectotypes: USNM 12515 (1, cast, apparently lost) Washington City market, USNM 20978 (1, cast, apparently lost) Savanna Bank. Description based primarily on USNM 21330 from Pensacola, which was designated lectotype by Eschmeyer 1998:237 [ref. 23416]; counts for 4 more specimens are given on p. 179. •Synonym of *Lutjanus campechanus* (Poey 1860) -- (Rivas 1966:122 [ref. 23910], Allen 1985:68 [ref. 6843], Castro-Aguirre et al. 1999:306 [ref. 24550]). **Current status:** Synonym of *Lutjanus purpureus* (Poey 1866). Lutjanidae. Habitat: marine.

campechanus

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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*

acumineaa (Bloch 1787). Cynoglossidae: Cynoglossinae. Distribution: Western Australia. Habitat: brackish, marine.

acumineata

Reference shows Castelnau [F. L.] 1875 as the author.

Fix one or the other.

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The data in the following 2 records are in conflict

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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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.

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metzelaari, Kyphosus Jordan [D. S.] & Evermann [B. W.] 1927:506 [Proceedings of the California Academy of Sciences (Series 4) v. 16 (no. 15); ref. 2453] Curaçao, Venezuela. No types known. •Possible synonym of *Kyphosus sectator* (Linnaeus 1766) -- (Desoutter 1990:831 [ref. 18967]). •Possible synonym of *Kyphosus sectator* (Linnaeus 1758). •Synonym of *Kyphosus sectatrix* (Linnaeus 1758) -- (Knudsen & Clements 2013:54 [ref. 33031]). •Synonym of *Kyphosus bosquii* (Lacepède 1802) -- (Sakai & Nakabo 2014:272 [ref. 33211]). **Current status:** Synonym of *Kyphosus*

bosquii (Lacepède 1802). Kyphosidae: Kyphosinae. Habitat: marine.

Synonym of *Kyphosus bigibbus* Lacepède 1801

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palpebrosus*, *Kyphosus Miranda Ribeiro [A. de] 1919:176, Unnum. pl. (fig. 2) [Arquivos do Museu Nacional de Rio de Janeiro v. 22; ref. 15243] Trindade, Martin Vaz Islands, off southeastern Brazil, South Atlantic, 20°31'S, 29°19'W. Holotype (unique): MNRJ 1719. •Possible synonym of *Kyphosus sectator* (Linnaeus 1766) [= *Kyphosus saltatrix* (Linnaeus 1758)] -- (Desoutter 1973:420 [ref. 7203], Desoutter 1990:831 [ref. 18967]). •Possible synonym of *Kyphosus sectatrix* (Linnaeus 1758). •Synonym of *Kyphosus bosquii* (Lacepède 1802) -- (Sakai & Nakabo 2014:272

[ref. 33211]). **Current status: Uncertain as *Kyphosus bosquii* (Lacepède 1802)**. Kyphosidae: Kyphosinae. Habitat: marine.

Uncertain as *Kyphosus bigibbus* Lacepède 1801

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longibarbus*, *Artedidraco Eakin [R. R.], Riginella [E.] & La Mesa [M.] 2015:1 [Polar Biology v. 38 (no. 10); ref. 33845] [Lost aboard the ship] Weddell Sea, Antarctica. Holotype: MNA. Paratype: Need reference. •Valid as *Artedidraco longibarbus* Eakin, Riginella & La Mesa 2015. **Current status: Valid as *Artedidraco longibarbus* Eakin**, Riginella & La Mesa 2015. Artedidraconidae. Distribution: Weddell Sea, Antarctica. Habitat: marine.

Eakin

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DATA CONFLICT IN FOLLOWING RECORDS:

lacustris*, *Salmo Linnaeus [C.] 1758:309 [Systema Naturae, Ed. X v. 1; ref. 2787] Switzerland (several localities). No types known. Kottelat 1997:143 [ref. 22952] "restricted" the type locality to Lake Constance, Switzerland, but the Code does not provide for such restriction in that manner. •Synonym of *Salmo trutta* Linnaeus 1758 -- (Berg 1948:250 [ref. 12882]). •Synonym of *Salmo trutta* Linnaeus 1758, but a valid subspecies -- (Svetovidov in Whitehead et al. 1984:382 [ref. 13675], Lelek 1987:112 [ref. 22962]). •Synonym of *Salmo trutta* Linnaeus 1758 or valid as *Salmo lacustris* Linnaeus 1758 -- (Kottelat 1997:143 [ref. 22952]). **Current status: Synonym of *Salmo trutta* Linnaeus 1758**. Salmonidae: Salmoninae. Habitat: freshwater, brackish, marine.

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illanca*, *Salmo Wartmann [B.] 1783:55 [Schriften der Gesellschaft Naturforschender Freunde zu Berlin v. 4; ref. 17831] Germany. No types known. •Synonym of *Salmo lacustris* Linnaeus 1758 -- (Kottelat 1997:143 [ref. 22952]). **Current status: Synonym of *Salmo lacustris* Linnaeus 1758**. Salmonidae: Salmoninae. Habitat: freshwater.

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microps*, *Salmo Hardin [S.] 1862:383 [Öfversigt af Kongliga Vetenskaps-Akademiens förhandlingar, Kungliga Svenska Vetenskapsakademien. v. 18; ref. 18245] Lake Vänern, Sweden. Syntypes: whereabouts unknown. •Synonym of *Salmo trutta* Linnaeus 1758 or *Salmo lacustris* Linnaeus 1758 or *Salmo truttula* Nilsson 1832 -- (Kottelat 1997:143 [ref. 22952]). **Current status: Synonym of *Salmo lacustris* Linnaeus 1758**. Salmonidae: Salmoninae. Habitat: freshwater, brackish, marine.

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DATA CONFLICT IN FOLLOWING RECORDS:

verrucosus*, *Balistes Gronow [L. T.] in Gray 1854:33 [Catalogue of fish collected and described by Laurence Theodore Gronow; ref. 1911] Indian seas. Holotype (unique): BMNH 1853.11.12.194 [Gronovius coll.] (skin). Type catalog: Wheeler 1958:245 [ref. 13434]. Objectively invalid; preoccupied by *Balistes verrucosus* Linnaeus 1758. *Balistes niger* Park is the valid name of the species currently known as *Sufflamen chrysopterum* (Bloch & Schneider) (see Günther 1870:218 [ref. 1995]). •Synonym of *Balistes niger* Park 1794 -- (Wheeler 1958:245 [ref. 13434]). **Current**

status: Synonym of *Balistes niger* Park 1794. Balistidae. Habitat: marine.

niger, Balistes Park [M.] 1797:37 [The Transactions of the Linnean Society of London v. 3; ref. 17801] Habitat in Sumatræ littore [Bengkulu Province, Sumatra, Indonesia, eastern Indian Ocean]. Holotype (unique): BMNH 1863.11.12.10 (dry, right half skin). Type catalog: Wheeler 1974:476 [ref. 31545]. Objectively invalid; preoccupied by *Balistes niger* Bloch 1786. •Synonym of *Sufflamen chrysopterum* (Bloch & Schneider 1801) -- (see Günther 1870:218 [ref. 1995]). **Current status:** Synonym of *Sufflamen chrysopterum* (Bloch & Schneider 1801). Balistidae. Habitat: marine.

ambiguus, Merluccius Lowe [R. T.] 1841:37 [Proceedings of the Zoological Society of London 1840 (pt. 8, no. 89); ref. 2830] Madeira. Holotype (unique): whereabouts unknown. Original genus should have been *Merluccius*. •Synonym of *Merluccius merluccius* (Linnaeus 1758) -- (Svetovidov 1973:300 [ref. 7169], Maurin 1990:534 [ref. 15767], Inada in Cohen et al. 1990:339 [ref. 18936], Lloris et al. 2016:2011 [ref. 34587]). •Synonym of *Gadella maraldi* (Risso 1810) -- (Cohen 1973:323 [ref. 6589], Cohen 1990:521 [ref. 15766], Iwamoto & Cohen 2016:1998 [ref. 34586] spelled *ambiguous*). **Current status:** Synonym of *Merluccius maraldi* (Risso 1810). Merlucciidae: Merlucciinae. Habitat: brackish, marine.

Gadella maraldi

byrkelange, Gadus Walbaum [J. J.] 1792:135 [Petri Artedi sueci genera piscium Part 3; ref. 4572] No locality stated. No types known. Based on the 'Bürkelange' of Strøm 1767:400 [ref. 21098]. •Synonym of *Molva dypterygia* (Pennant 1784) -- (Svetovidov in Whitehead et al. 1986:702 [ref. 13676], Cohen in Cohen et al. 1990:63 [ref. 18936], Parin et al. 2014:182 [ref. 33547], Iwamoto & Cohen 2016:2027 [ref. 34586]). **Current status:** Synonym of *Molva merluccius* (Pennant 1785). Merlucciidae: Merlucciinae. Habitat: brackish, marine.

Probably: Synonym of *Molva dypterygia* (Pennant 1784). Lotidae.

profundus, Barilius Mayanglambam [D.] & Vishwanath [W.] 2012:2364, Fig. 1 [Journal of Threatened Taxa v. 4 (no. 2); ref. 31817] Koladyne River at Kolchaw, 22°23'N, 92°57'E, Lawntlai District, Mizoram, India. Holotype: MUMF 24.xii.2009. Paratypes: MUMF 27002-27005 (4), 27021-27018 (8). •Valid as *Barilius profundus* Mayanglambam & Vishwanath 2012. **Current status:** Valid as *Barilius profundus* **Dishma & Vishwanath** 2012. Cyprinidae: Danioninae. Distribution: Koladyne River, Mizoram, India. Habitat: freshwater.

Mayanglambam & Vishwanath

expletiforis, Pethia Mayanglambam [D.] & Vishwanath [W.] 2013:83, Figs. 1-2 [Zootaxa 3736 (no. 1); ref. 32976] Mizoram, Saiha District, Ka-ao River near new Serkawr village, Kalidan drainage, 22°21'10"N, 92°57'49"E, India, elevation 199 meters. Holotype: MUMF 27341. Paratypes: MUMF 27342-27344 (3). •Valid as *Pethia expletiforis* Mayanglambam & Vishwanath 2013 -- (Lalramliana et al. 2014:373 [ref. 33389], Katwate et al. 2014:5814 [ref. 33390], Batuwita et al. 2015:580 [ref. 33714]). **Current status:** Valid as *Pethia expletiforis* **Dishma & Vishwanath** 2013. Cyprinidae: Cyprininae. Distribution: Misoram, India. Habitat: freshwater.

Mayanglambam & Vishwanath

chlorosoma, Cobitis McClelland [J.] 1839:305, 437, Pl. 52 (fig. 3) [Asiatic Researches v. 19 (pt 2); ref. 2923] Upper Assam, India. No types known. •Questionably a senior synonym of *Acanthocobitis zonalternans* (Blyth 1860) -- (Kottelat 2012:76 [ref. 32367], Kottelat 2013:199 [ref. 32989]). •Synonym of *Paranthocobitis zonalternans* (Blyth 1860) -- (but not treated in Singer & Page 2015). **Current status:** Synonym of *Paracanthocobitis zonalternans* (**McClelland 1839**). Nemacheilidae. Habitat: freshwater.

(Blyth 1860)

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euxinica, Diplecogaster bimaculata Murgoci [A. A.] 1964:229, Fig. 1 [Revue Roumaine de Biologie, Série de Zoologie v. 9 (no. 5); ref. 2663] Western Black Sea, Romania. Holotype: MGAB 55. Paratypes: (13) whereabouts unknown. •Synonym of *Diplecogaster bimaculata* (Bonnaterre 1788) -- (Hofrichter 1995:138 [ref. 30502], Fricke et al. 2007:100 [ref. 29533]). •Synonym of *Diplecogaster bimaculata* (Bonnaterre 1788), but a valid subspecies *euxinica* as described -- (Briggs 1973:653 [ref. 7222], Briggs in Whitehead et al. 1986:1354 [ref. 13677], Parin et al. 2015:471 [ref. 33547]). •Valid as *Diplecogaster euxinica* Murgoci 1964 -- (Fricke et al. 2015:6 [ref. 33962]). **Current status:** Valid as *Diplecogaster euxinica* **Murgoci** 1964.

Murgoci

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nebra, Etheostoma Near [T. J.] & Thomas [M. R.] 2015:131, Figs. 2, 3A-B, 4A-C, 5 [Bulletin of the Peabody Museum of Natural History v. 56 (no. 2); ref. 34008] Flat Lick Creek, immediately below confluence with Big Spring Branch, 37.15689°N, 84.4789°E, Pulaski Co., Kentucky. Holotype: YPM ICH 27033. Paratypes: INHS, UMMZ, UF, UPM. Plus additional non-type specimens. •Valid as *Etheostoma nebra* Near & Thomas 2015. **Current status:** Valid as *Etheostoma nebra* Near & **Thomas** 2015. Percidae: Etheostomatinae. Distribution: Kentucky, U.S.A. Habitat: freshwater.

Thomas

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simus, Puntius Smith [H. M.] 1945:185, Fig. 32 [Bulletin of the United States National Museum No. 188; ref. 4056] Huey Melin [Maelin], a tributary of the Mao River, northern Thailand. Holotype (unique): USNM 119452. Type catalog: Monkolprasit 1969:13 [ref. 25088]. A secondary junior homonym of *Barbus simus* Sauvage & Dabre de Thiersant 1874. •Synonym of *Systomus orphoides* (Valenciennes 1842) -- (Rainboth 1996:104 [ref. 22772]). •Synonym of *Systomus jacobusboehlkei* (Fowler 1958) -- (Kottelat 2013:166 [ref. 32989]). **Current status:** Synonym of **Systomus jacobusboehlkei** (Fowler 1958). Cyprinidae: Cyprininae. Habitat: freshwater.

Barbodes

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takhoaensis, Puntius Nguyen [V. H.] & Doan [L. H.] 1969:12, Fig. 10 in ref. 29795 [Some data on composition, origin, and distribution of cyprinid species in northern Vietnam; ref. 25483] Suoi Nan Ta Khoa stream, Son La Province, Vietnam. Lectotype: RIAH 140. Paralectotypes: (9) RIAH 140 (8). See Kottelat 2001:113, 119 for availability issues. Spelled in more than one way originally, Kottelat 2001:119 [ref. 25482] as first reviser selected *takhoaensis*. See Nguyen & Doan 2008 [ref. 29793] for an English translation of ref. 25483. Lectotype selected by Roberts & Catania 2008:91 [ref. 29794]. •Valid as *Puntius takhoaensis* Nguyen & Doan 1969 -- (Kottelat 2001:37 [ref. 25482]). •Should be referred to *Systomus* -- (Roberts & Catania 2008:96 [ref. 29794]). •Synonym of *Systomus jacobusboehlkei* (Fowler 1958) -- (Kottelat 2013:166 [ref. 32989]). **Current status:** **Valid as Systomus jacobusboehlkei** (Fowler 1958). Cyprinidae: Cyprininae. Distribution: Vietnam (if valid). Habitat: freshwater.

Synonym of Barbodes

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affinis, *Gobius* Kolombatović [G.] 1891:17 [Godicnje Izviesće C. K. Velike Realke u Splitu za Skolsku Godinu, Split v. 1890-1891; ref. [18430](#)] Dalmatia, Croatia, Adriatic Sea, Mediterranean Sea. Syntypes: NMW 28663-76 (1, 1, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 1), 28647-49 (3), 28658-62 (5). Objectively invalid; preoccupied by *Gobius affinis* Eichwald 1831, replaced by *Pomatoschistus pictus adriaticus* Miller 1973. •Synonym of *Pomatoschistus adriaticus* Miller 1973. **Current status:** Synonym of ***Pomatoschistus adriaticus* Miller 1973**. Gobiidae: Gobiinae. Habitat: marine.
***Pomatoschistus pictus* (Malm 1865)**

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amguidensis, *Barbus biscarensis* Pellegrin [J.] 1934:56 [Mémoires de la Société d'Histoire Naturelle de l'Afrique du Nord v. 4 (no. 3); ref. [19568](#)] Amguid, Algeria. Lectotype: MNHN 1932-0034. Paralectotypes: MNHN 1931-0101 (1), 1932-0033 (1), 1932-0035 (1). Type catalog: Bertin & Estève 1948:39 [ref. [19574](#)] as *amguibensis*. Lectotype selected by Almaça 1969:1134 [ref. [20712](#)]. •Synonym of *Barbus callensis* Valenciennes 1842 -- (Lévêque & Daget 1984:236 [ref. [6186](#)]). •Valid as *Luciobarbus amguidensis* (Valenciennes 1842) -- (Levin et al. 2012:544 [ref. [33912](#)]). **Current status: Valid as *Luciobarbus amguidensis* (Valenciennes 1842)**. Cyprinidae: Cyprininae. Distribution: Algeria. Habitat: freshwater.

This is possibly either

Valid as *Luciobarbus amguidensis* (Pellegrin 1834).

Or

Synonym of *Luciobarbus callensis* (Valenciennes 1842)

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clavatus, *Glyptothorax* Rameshori [Y.] & Vishwanath [W.] 2014:186, Figs. 1-3 [Ichthyological Exploration of Freshwaters v. 25 (no. 2); ref. [33511](#)] Headwaters of Barak River at Maram Khullen, 25°23'N, 94°04'E, Manipur, northeastern India, elevation 982 meters. Holotype: add. •Valid as *Glyptothorax clavatus* Rameshori & Vishwanath 2014 -- (Premananda et al. 2015:328 [ref. [33759](#)], Arunkumar 2016:182 [ref. [34481](#)]). **Current status:** Valid as *Glyptothorax clavatus* **Yumnam & Vishwanath** 2014. Sisoridae: Sisorinae. Distribution: Barak-Meghna-Surma River drainage, Manipur, India. Habitat: freshwater.

Rameshori & Vishwanath

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wuyiensis, *Acrossocheilus* Wu [S.-H.] & Chen [H.-X.] in Wu, Chen, Cao & Li 1981:126 [English p. 128], 1 fig. [Wuyi Science Journal v. 1; ref. [31051](#)] Min River drainage, Wuyishan Natural Reserve, Fujian, China. Holotype: No Ao174586. Paratypes: (19). Holotype preserved in Laboratory of Animals of Fujian Agricultural College. Paratypes in Laboratory of Animals and at the Fujian Museu. Described in the subgenus *Lissocheilichthys*. •Valid as *Acrossocheilus wuyiensis* Wu & Chen 1981 -- (Yuan & Zhang 2010:44 [ref. [31050](#)], Yuan et al. 2015:165 [ref. [34103](#)] with Wu & Li 1981 as authors). •Synonym of *Acrossocheilus labiatus* (Regan 1908)--- (Zhang et al. 2016:88 [ref. [34477](#)]). **Current status:** Synonym of ***Acrossocheilus labiatus* (Regan 1908)**. Cyprinidae: Cyprininae. Distribution: Min-Jiang basin, Wuyishan Natural Reserve, Fujian, China [if valid]. Habitat: freshwater.

Acrossocheilus labiatus

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labiatus, *Gymnostomus* Regan [C. T.] 1908:358 [Annals and Magazine of Natural History (Series 8) v. 2 (no. 10) (art. 40); ref. 3636] Lake Candidius, Taiwan. Holotype (unique): BMNH 1909.4.28.26. Type catalog: Ho & Shao 2011:28 [ref. 31432].
•Synonym of *Acrossocheilus paradoxus* (Günther 1868) -- (Yuan et al. 2006:170 [ref. 28704], Ho & Shao 2011:28 [ref. 31432]). •Valid as *Acrossocheilus labiatus* (Regan 1908) -- (Wu et al. 1977:275 [ref. 4807], Jin in Kuang et al. 1986:116 [ref. 26639], Zheng et al. 1989:178 [ref. 21202], Chen et al. in Pan et al. 1991:144 [ref. 23876], Ding 1994:322 [ref. 21531], Zhu 1995:57 [ref. 25213], Shan et al. in Yue 2000:97 [ref. 25272], Tang et al. 2001:12 [ref. 25373], Zhang et al. 2016:87 [ref. 34477]). **Current status: **Synonym of** *Acrossocheilus labiatus* (Regan 1908).** Cyprinidae: Cyprininae. Distribution: Taiwan and China. Habitat: freshwater.

Valid as

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pavoninus, *Cyclopterinae* Shaw [G.] in Shaw & Nodder 1797:no page number, Pl. 310 [The Naturalist's Miscellany; ref. 4013] Near Bangor, North Wales. No types known. Based on description and figure received by Shaw. •Synonym of *Cyclopterus lumpus* Linnaeus 1758 -- (Mecklenburg & Sheiko 2003:6 [ref. 27295]). **Current status: **Synonym of** *Cyclopterus lumpus* Linnaeus 1758.** Cyclopteridae: Cyclopterinae. Habitat: marine.

Cyclopterus

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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.

Plagiusa

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fasciata, *Plagiusa* DeKay [J. E.] 1842:304 [Zoology of New-York; ref. 1098] South Carolina, U.S.A. No types known. Based on a Holbrook illustrations, brief description. •Synonym of *Symphurus plagiusa* (Linnaeus 1766) -- (Munroe 1998:104 [ref. 23285]). **Current status: **Synonym of** *Symphurus plagiusa* (Linnaeus 1766).** Cynoglossidae: Symphurinae. Habitat: brackish, marine.

Plagiusa

:
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.

Plagiusa

:
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

:

melampetala, Plagusia Richardson [J.] 1846:281 [Report of the British Association for the Advancement of Science 15th meeting [1845]; ref. [3742](#)] Canton, coast of China. No types known. Based solely on illustration by Reeves (see Whitehead 1970:218, Pl. 29a [ref. [11606](#)] as *melamptela*). •Synonym of *Cynoglossus arel* (Bloch & Schneider 1801) -- (Menon 1977:60 [ref. [7071](#)]). •Valid as *Cynoglossus melampetalus* (Richardson 1846) -- (Feng in Pan et al. 1991:533 [ref. [23876](#)], Li & Wang 1995:344 [ref. [16193](#)]). **Current status:** Valid as *Cynoglossus melampetalus* (Richardson 1846). Cynoglossidae: Cynoglossinae. Distribution: China. Habitat: freshwater, brackish.

Plagusia

:

nigrolabeculata, Plagusia Richardson [J.] 1846:280 [Report of the British Association for the Advancement of Science 15th meeting [1845]; ref. [3742](#)] Canton, China; coasts of China. No types known. Originally as *nigro-labeculata*. Based solely on illustration by Reeves (see Whitehead 1970:218, Pl. 29b [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

:

puncticeps, Plagusia Richardson [J.] 1846:280 [Report of the British Association for the Advancement of Science 15th meeting [1845]; ref. [3742](#)] China, South China Sea. No types known. Original genus is spelled *Plagusia*. Based solely on illustration by Reeves (see Whitehead 1970:218, Pl. 29c [ref. [11606](#)]). •Mention -- (Dor 1984:273 [ref. [29757](#)]). •Valid as *Plagusia puncticeps* Richardson 1846 -- (Goren & Dor 1994:72 [ref. [25356](#)] as *Plagusia*). •Valid as *Cynoglossus puncticeps* (Richardson 1846) -- (Menon 1977:75 [ref. [7071](#)], Desoutter 1986:432 [ref. [6212](#)], Lu & Wu in Kuang et al. 1986:336 [ref. [26639](#)], Talwar & Jhingran 1991:1043 [ref. [20764](#)], Kottelat et al. 1993:169 [ref. [23448](#)], Poll & Gosse 1995:79 [ref. [24781](#)], Li & Wang 1995:351 [ref. [16193](#)], Randall 1995:364 [ref. [22896](#)], Mohsin & Ambak 1996:601 [ref. [27969](#)], Rainboth 1996:224 [ref. [22772](#)] as *puncticeps*, Larson & Williams 1997:374 [ref. [23967](#)], Carpenter et al. 1997:233 [ref. [23922](#)], Evseenko 1998:61 [ref. [23643](#)], Munroe in Randall & Lim 2000:646 [ref. [25122](#)], Bijukumar & Sushama 2000:188 [ref. [25703](#)], Munroe 2001:3900 [ref. [26314](#)], Manilo & Bogorodsky 2003:S123 [ref. [27377](#)], Khan 2003:11 [ref. [27710](#)], Mishra & Krishnan 2003:47 [ref. [27712](#)] as *puncticeps*, Hoese & Bray 2006:1856 [ref. [29000](#)], Allen & Erdmann 2012:1058 [ref. [31980](#)], Larson et al. 2013:229 [ref. [32988](#)], Kottelat 2013:467 [ref. [32989](#)], Yoshida et al. 2013:223 [ref. [34464](#)], Fricke et al. 2014:191 [ref. [33932](#)], Imamura in Kimura et al. 2015:97 [ref. [34319](#)], Psomadakis et al. 2015:330 [ref. [34104](#)], Voronina et al. 2016:404 [ref. [35064](#)], Fricke et al. 2017:85 [ref. [35160](#)]). **Current status:** Valid as *Cynoglossus puncticeps* (Richardson 1846). Cynoglossidae: Cynoglossinae. Distribution: Indo-West Pacific: Pakistan and India east to Philippines and New Guinea, north to South China Sea, south to northwestern Australia. Habitat: freshwater, brackish, marine.

Plagusia

:

atlantidis, *Cryptosparas* Barbour [T.] 1941:11, Pls. 3 (fig. 1), 6 (figs. 3-4) [Proceedings of the New England Zoölogical Club v. 19; ref. 179] North Atlantic, north of Azores, 50°00'N, 25°20'W, Atlantis station 143, depth 0 to 500 fathoms [0-914 meters]. Holotype (unique): MCZ 31650. •Synonym of *Cryptosparas coesii* Gill 1883 -- (Pietsch 1986:489 [ref. 5969] as *coesii*, Bertelsen 1990:512 [ref. 15724] as *coesii*, Anderson & Leslie 2001:22 [ref. 26165], Pietsch 2009:330 [ref. 30766]). **Current status:** Synonym of *Cryptosparas coesii* Gill 1883. Ceratiidae. Habitat: marine.

Cryptosparas

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normani, *Cryptosparas* Regan [C. T.] & Trewavas [E.] 1932:98 [Dana Report No. 2; ref. 3682] Off South Africa, 33°53'S, 9°26'E, depth 0 to 1000 meters. Holotype (unique): BMNH 1930.1.12.1095. •Synonym of *Cryptosparas coesii* Gill 1883 -- (Pietsch 1986:489 [ref. 5969] as *coesii*, Bertelsen 1990:511 [ref. 15724] as *coesii*, Anderson & Leslie 2001:22 [ref. 26165], Pietsch 2009:330 [ref. 30766]). **Current status:** Synonym of *Cryptosparas coesii* Gill 1883. Ceratiidae. Habitat: marine.

Cryptosparas

:

pennifer, *Cryptosparas* Regan [C. T.] & Trewavas [E.] 1932:98, Fig. 157 [Dana Report No. 2; ref. 3682] Northeast of New Zealand, 34°24'S, 174°42.5'E, Dana Station 3630(2), 1000 meters of wire out. Lectotype: ZMUC P92125. Paralectotypes: (2) ?BMNH 1932.5.3.29 (1); ZMUC P92126 (1). Type information: Nielsen 1974:97 [ref. 9588]. Lectotype selected by Pietsch 1986 [ref. 5969]. •Synonym of *Cryptosparas coesii* Gill 1883 -- (Pietsch 1986:489 [ref. 5969] as *coesii*, Bertelsen 1990:511 [ref. 15724] as *coesii*, Anderson & Leslie 2001:22 [ref. 26165], Pietsch 2009:330 [ref. 30766]). **Current status:** Synonym of *Cryptosparas coesii* Gill 1883. Ceratiidae. Habitat: marine.

Cryptosparas

:

valdiviae, *Cryptosparas* Regan [C. T.] & Trewavas [E.] 1932:98, Fig. 156 [Dana Report No. 2; ref. 3682] Gulf of Aden, 13°01'N, 47°11'E, Valdivia station 270, depth 0-1840 meters. Holotype (unique): ZMB (apparently lost). •Synonym of *Cryptosparas coesii* Gill 1883 -- (Pietsch 1986:489 [ref. 5969] as *coesii*, Bertelsen 1990:511 [ref. 15724] as *coesii*, Anderson & Leslie 2001:22 [ref. 26165], Pietsch 2009:330 [ref. 30766]). **Current status:** Synonym of *Cryptosparas coesii* Gill 1883. Ceratiidae. Habitat: marine.

Cryptosparas

:

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

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Strange coincidence (worth checking!) Same page in different publications for homonym

maculatus, Stromateus Cuvier [G.] in Cuvier & Valenciennes 1833:382 [Histoire naturelle des poissons v. 9; ref. 1002] Pacific coast of South America. Syntypes: MNHN A-5655 (1, poor condition) Valparaiso, A-5360 (1, poor condition) Chile. Type catalog: Le Danois 1963:231 [ref. 21543]. •Synonym of *Stromateus stellatus* Cuvier 1829 -- (Haedrich 1967:102 [ref. 5357]). **Current status:** Synonym of *Stromateus stellatus* Cuvier 1829. Stromateidae. Habitat: marine.

:

maculatus, Stromateus Larrañaga [D. A.] 1923:382 [Escritos de Don Dámaso Antonio Larrañaga v. 2; ref. 22561] Uruguay. Also appeared in Devincenzi 1925:299, 321 [ref. 20322]; Devincenzi regarded as a synonym. Apparently independent of, and preoccupied by *Stromateus maculatus* Cuvier 1833; objectively invalid. Stromateidae. Habitat: marine.

:

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.

Panaqolus (Panafilus)

:

***Pseudorhodeus* Chang [C.-H.], Chen [W.-J.] & Mayden [R. L.] Chang, Li, Shao et al.** 2014:190 [ref. 33502]. Masc. *Rhodeus tanago* Tanaka 1909. Type by original designation (also monotypic). •Valid as *Pseudorhodeus* Chang, Chen & Mayden 2014. **Current status:** Valid as *Pseudorhodeus* Chang, Chen & Mayden 2014. Cyprinidae: Acheilognathinae.

Chang [C.-H.], Chen [W.-J.] & Mayden [R. L.]

:

***Awaouichthys* Chatterjee [T. C.]** & Mishra [S. S.] 2013:85 [ref. 32933]. Masc. *Awaouichthys menoni* Chatterjee & Mishra 2013. Type by original designation (also monotypic). •Valid as *Awaouichthys* Chatterjee & Mishra 2013. **Current status:** Valid as *Awaouichthys* Chatterjee & Mishra 2013. Gobiidae: Gobionellinae.

Chatterjee [T. K.]

:

***Prorivulus* Costa [W. J. E. M.], Lima [S. M. Q.] & Suzart [R.]** in Costa 2004:3 [ref. 27874]. Masc. *Prorivulus auriferus* Costa, Lima & Suzart 2004. Type by original designation (also monotypic). Huber 2012 [ref. 32947] (in basically a private journal) regards some taxa as synonyms of *Rivulus* based on a reappraisal of *Rivulus* with a morphological and molecular analysis; it is considered premature as are the works by Costa himself. •Valid as *Prorivulus* Costa, Lima & Suzart 2004 -- (Huber 2005:14 [ref. 28394]). **Current status:** Valid as *Prorivulus* Costa, Lima & Suzart 2004. Cynolebiidae.

Costa [W. J. E. M.], Lima [S. M. Q.] & Suzart [R. dos R.]

:

***Cephaloptera* Billberg [G. H.]** 1833:51 [ref. 34146]. •Synonym of *Mobula* Rafinesque 1810 -- (Kullander 2016:51 [ref. 34146]). Mobulidae.

Billberg [G. J.]

:

Brachionus Billberg [G. H.] 1833:52, 53 [ref. 34146]. Masc. *Lophius vespertilio* Linnaeus 1758. Type by being a replacement name. Unnecessary replacement name for *Malthe* Cuvier 1816, preoccupied by *Brachionus* Pallas 1766 in rotifers. •Synonym of *Ogcocephalus* Fischer 1813-- (Kullander 2016:111 [ref. 34147]). **Current status:** Synonym of *Ogcocephalus* Fischer 1813. Ogcocephalidae.

Billberg [G. J.]

:

Cotilla Billberg [G. H.] 1833:52 [ref. 34146]. Fem. *Cotilla frenata* Billberg 1833. •Senior synonym of *Sufflamen*, but prevailing usage favors *Sugglamen* when they are considered synonyms. Balistidae.

Billberg [G. J.]

:

Posthias Billberg [G. H.] 1833:52 [ref. 34146]. Masc. *Ostracion tuberculatus* Linnaeus 1758. Type by original designation (also monotypic). •Synonym of *Ostracion* Linnaeus 1758 -- (Kullander 2016:110 [ref. 34147]). **Current status:** Synonym of *Ostracion* Linnaeus 1758. Ostraciidae.

Billberg [G. J.]

:

Rhinobatis Billberg [G. H.] 1833:107 [ref. 34147]. Masc. •Synonym of *Rhinobatos* Linck 1790 -- (Kullander 2016:107 [ref. 34147]). Rhinobatidae.

Billberg [G. J.]

:

Tetragonizus Billberg [G. H.] 1833:53 [ref. 34146]. Masc. *Ostracion cornutus* Linnaeus 1833. Type by original designation (also monotypic). •Valid 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.

Billberg [G. J.]

:

Tropigaster Billberg [G. H.] 1833:52 [ref. 34147]. Masc. •Synonym of *Aracana* Gray 1835 when both are used, based on **revailing** usage -- (Kullander 2016:109 [ref. 34147]). Aracanidae.

Billberg [G. J.]

prevailing

:

Leiopsis Anonymous [Bennett] 1830:688 [ref. 259]. Fem. *Leiopsis rafflesii* Bennett 1830. Type by monotypy. On Code recommendation 51D, the anonymous author is listed in square brackets. •Synonym of *Pentapodus* Quoy & Gaimard 1824. **Current status:** Synonym of *Pentapodus* Quoy & Gaimard 1824. Nemipteridae.

Anonymous [Bennett [E. T.]]

:

Monotaxis Anonymous [Bennett] 1830:688 [ref. 259]. Fem. *Monotaxis indica* Anonymous [Bennett] 1830. Type by monotypy. On Code recommendation 51D, the anonymous author is listed in square brackets. •Valid as *Monotaxis* [Bennett] 1830 - - (Chan & Chilvers 1974:94 [ref. 809], Johnson 1980:11 [ref. 13553], Sato in Masuda et al. 1984:178 [ref. 6441], Smith 1986:599 [ref. 5712], Sato 1986:603 [ref. 5152], Carpenter 2001:3006 [ref. 26105], Allen et al. 2006:1239 [ref. 29090]). **Current status:** Valid as *Monotaxis* [Bennett] 1830. Lethrinidae.

Anonymous [Bennett [E. T.]]

:

Navarchus De Filippi [F.] & **Vérany** [G. B.] 1857:187 [ref. [1329](#)]. Masc. *Navarchus sulcatus* De Filippi & Verany 1857. Type by monotypy. Also appeared as "*Navarchus*, n. gen." in Doûmet 1864:425 [ref. [13456](#)] but clearly based on De Filippi & Verany and not a new genus description. •Synonym of *Cubiceps* Lowe 1843 -- (Haedrich 1967:78 [ref. [5357](#)], Haedrich 1973:562 [ref. [7216](#)], Agafonova 1994:162 [ref. [22696](#)]). **Current status:** Synonym of *Cubiceps* Lowe 1843. Nomeidae.

Verany

:

Pterozygus de la Pylaie [A. J. M.] 1835:530 [ref. [1086](#)]. Masc. *Pterozygus bievrii* de la Pylaie 1835. Regarded as unidentifiable. **Current status:** Uncertain.

de la Pylaie [A. J. M.]

:

Neochelon Durand [J.-D.], Chen [W.-J.], Shen [K.-N.], Fu [F.] & **Borsa [Ph.]** 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.

Borsa [P.] appears more often than Borsa [Ph.] – Standardize

:

Parachelon Durand [J.-D.], Chen [W.-J.], Shen [K.-N.], Fu [F.] & **Borsa [Ph.]** 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.

Borsa [P.] appears more often than Borsa [Ph.] – Standardize

:

Pseudomyxus Durand [J.-D.], Chen [W.-J.], Shen [K.-N.], Fu [C.] & **Borsa [Ph.]** 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.

Borsa [P.] appears more often than Borsa [Ph.] – Standardize

:

Psettinella (subgenus of *Psettina*) Fedorov [V. V.] & **Foroshchuk [V. V.]** in Lindberg & Fedorov 1993:51 [ref. [21500](#)]. Fem. *Psettina gigantea* Amaoka 1963. Type by original designation. Appeared first and unavailable in Fedorov & Foroshchuk 1988:44 or transl. [ref. [13478](#)]; described in key with 3 included species; no type designated (Art. 13.3). Available as above. •Synonym of *Psettina* Hubbs 1915. **Current status:** Synonym of *Psettina* Hubbs 1915. Bothidae.

Foroshchuk [V. P.]

:

Evoxymetopon Gill [T. N.] **ex Poey** 1863:227 [ref. 1686]. Neut. *Evoxymetopon taeniatus* Gill 1863. Type by monotypy. Misspelled *Euoxymetopon* by Günther 1887:39 [ref. 2013]. Authorship is Gill (ex Poey), not Poey. •Valid as *Evoxymetopon* Gill 1863 -- (Lindberg & Krasnyukova 1975:255 [ref. 7348], Collette et al. 1984:600 [ref. 11421], Nakamura in Masuda et al. 1984:228 [ref. 6441], Nakamura & Parin 1993:87 [ref. 21769], Gago 1997:161 [ref. 23513], Gago 1998:10 [ref. 25565], Parin & Nakamura 2003:1827 [ref. 27115], Chakraborty et al. 2006:137 [ref. 28694], Fricke et al. 2014:293 [ref. 33200], Guarte & Campos 2017:361 [ref. 35040]). **Current status:** Valid as *Evoxymetopon* Gill 1863. Trichiuridae: Lepidopodinae.
(ex Poey)

:

Agnathomyzon Gratzianov [V. J.] 1907:18 [ref. 1870]. Masc. *Petromyzon wagneri* Kessler 1870. Type by original designation. Also appeared as new in Gratzianov 1907:13 [ref. 1871]. •Objective synonym of *Caspiomyzon* Berg 1906 (Sept. 1906) -- (Hubbs & Potter 1971:43 [ref. 13397], Holcík 1986:117 [ref. 24819], Bogutskaya & Naseka 2004:18 [ref. 28183], Renaud 2011:24 [ref. 31770]). **Current status:** Synonym of *Caspiomyzon* Berg 1906. Petromyzontidae.

Gratzianov [V. I.]

:

Brachioptera Gratzianov [V. J.] 1906:400 [ref. 1869]. Fem. *Brachioptera rhinoceros* Gratzianov 1906. Type by monotypy. Based on an embryo of *Dasyatis pastinaca* Linnaeus. •Synonym of *Dasyatis* Rafinesque 1810 -- (Kottelat 2013:25 [ref. 32989] with question). **Current status:** Synonym of *Dasyatis* Rafinesque 1810. Dasyatidae.

Gratzianov [V. I.]

:

Cephalocottus Gratzianov [V. J.] 1907:294, 297, 315 [ref. 1872]. Masc. *Cottus amblystomopsis* Schmidt 1904. Type by monotypy. Also appeared in Gratzianov 1907:659 [ref. 1872]. •Synonym of *Cottus* Linnaeus 1758, but a valid subgenus *Cephalocottus* -- (Bogutskaya & Naseka 2004:185 [ref. 28183]). •Synonym of *Cottus* Linnaeus 1758 -- (Parin et al. 2002:572 [ref. 28300], Parin et al. 2014:241 [ref. 33547]). **Current status:** Synonym of *Cottus* Linnaeus 1758. Cottidae.

Gratzianov [V. I.]

:

Haploglossa (subgenus of *Agnathomyzon*) **Gratzianov [V. J.]** 1907:18 [ref. 1870]. Fem. *Agnathomyzon (Haploglossa) caspicus* Gratzianov 1907. Objectively invalid; preoccupied by *Haploglossa* Kraatz 1858 in Coleoptera. •Synonym of *Caspiomyzon* Berg 1906 -- (Hubbs & Potter 1971:43 [ref. 13397], Holcík 1986:117 [ref. 24819], Renaud 2011:24 [ref. 31770]). **Current status:** Synonym of *Caspiomyzon* Berg 1906. Petromyzontidae.

Gratzianov [V. I.]

:

Hexagrammoides Gratzianov [V. J.] 1907:289, 293 [ref. 1871]. Masc. *Hexagrammoides nudigenis* Gratzianov 1907. Type by monotypy. •Synonym of *Hexagrammos* Tilesius 1810 -- (Rutenberg 1962:37 [ref. 24028], Mecklenburg & Eschmeyer 2003:2 [ref. 27292]). **Current status:** Synonym of *Hexagrammos* Tilesius 1810. Hexagrammidae: Hexagramminae.

Gratzianov [V. I.]

:

Malacobatis Gratzianov [V. J.] 1907:39 [ref. 1871]. Fem. *Raja mucosa* Steller 1814. Type by monotypy. **Current status:** Uncertain. Rajidae.

Gratzianov [V. I.]

:

Mesocottus Gratzianov [V. J.] 1907:655, 660 [ref. 1872]. Masc. *Cottus haitej* Dybowski 1869. Type by original designation (also monotypic). •Valid as *Mesocottus* Gratzianov 1907 -- (Washington et al. 1984:443 [ref. 13660], Sideleva 1998:153 [ref. 23595], Parin et al. 2002:S80 [ref. 28300], Bogutskaya & Naseka 2004:190 [ref. 28183] with author as Gratzianow, Goto et al. 2014:1 [ref. 33456], Parin et al. 2014:259 [ref. 33547], Zhang et al. 2016:193 [ref. 34477], Dyldin & Orlov 2017:65 [ref. 35138]). **Current status:** Valid as *Mesocottus* Gratzianov 1907. Cottidae.

Gratzianov [V. I.]

:

Phanerocephalus Gratzianov [V. J.] 1906:403 [ref. 1869]. Masc. *Phanerocephalus ellioti* Gratzianov 1906. Type by monotypy. Misspelled *Planerocephalus* on page 403; *Phanerocephalus* on page 400, 404. •Synonym of *Gymnura* van Hasselt 1823 -- (Jacobsen & Bennett 2009:10 [ref. 30470]). **Current status:** Synonym of *Gymnura* van Hasselt 1823. Gymnuridae.

Gratzianov [V. I.]

:

Procottus Gratzianov [V. J.] 1902:40, 41 [ref. 1868]. Masc. *Cottus jeittelesii* Dybowski 1874. Type by subsequent designation. Type designated by Berg 1933:712 [ref. 279]. •Valid as *Procottus* Gratzianov 1902 [often as Gratzianow] -- (Taliev 1955:301 [ref. 4316], Sideleva 1982:31 [ref. 14469], Washington et al. 1984:443 [ref. 13660], Yabe 1985:123 [ref. 11522], Sideleva 1998:158 [ref. 23595], Sideleva 2001:69 [ref. 26181], Sideleva 2003:19, 203 [ref. 27815], Bogutskaya & Naseka 2004:200 [ref. 28183] as Gratzianow, Goto et al. 2014:3 [ref. 33456] but should be in Cottidae, P. 17). **Current status:** Valid as *Procottus* Gratzianov 1902. Abyssocottidae.

Gratzianov [V. I.]

:

Pseudophidium Gratzianov [V. J.] 1907:420 [ref. 1871]. Neut. *Ophidium giganteum* Kittlitz 1858. Type by monotypy. Correct spelling for genus of type species is *Ophidion*. •Synonym of *Cryptacanthodes* Storer 1839 -- (Mecklenburg 2003:2 [ref. 27297]). **Current status:** Synonym of *Cryptacanthodes* Storer 1839. Cryptacanthodidae.

Gratzianov [V. I.]

:

Taurulus (subgenus of *Myoxocephalus*) **Gratzianov [V. J.]** 1907:296, 316 [ref. 1871]. Masc. *Cottus bubalis* Euphrasen 1786. Type by monotypy. •Synonym of *Enophrys* Swainson 1839 -- (Sandercock & Wilimovsky 1968:833 [ref. 26414]). •Valid as *Taurulus* Gratzianov 1907 -- (Neyelov 1973:600 [ref. 7219], Neyelov 1979:116, 149 [ref. 3152], Yabe 1985:111 [ref. 11522], Fedorov in Whitehead et al. 1986:1255 [ref. 13677], Parin et al. 2014:273 [ref. 33547]). **Current status:** Valid as *Taurulus* Gratzianov 1907. Cottidae.

Gratzianov [V. I.]

:

Trigrammus (subgenus of *Ernogrammus*) **Gratzianov [V. J.]** 1907:418 [ref. 1871]. Masc. *Ernogrammus storoshi* Schmidt 1904. Type by monotypy. •Synonym of *Eumesogrammus* Gill 1864 -- (Mecklenburg & Sheiko 2004:3 [ref. 27604]). **Current status:** Synonym of *Eumesogrammus* Gill 1864. Stichaeidae: Stichaeinae.

Gratzianov [V. I.]

:

Macroparalepis Harry [R. R.] **ex Ege** 1953:240 [ref. 2045]. Masc. *Macroparalepis affinis* Ege 1933. Type by original designation. First available publication of genus name due to type species designation. See also *Macroparalepis* Ege 1933, *Macroparalepis* Burton 1934. •Valid as *Macroparalepis* Harry 1953. **Current status:** Valid as *Macroparalepis* Harry 1953. Paralepididae.

(ex Ege)

:

Aspiorhynchus Kessler [K. T.] 1879:289, 291 [ref. 2598]. Masc. *Aspiorhynchus przewalskii* Kessler 1879. Type by original designation (also monotypic). Spelled *Aspiorrhynchus* and *Aspiorrhyncho* by Nikolskii 1897:346 [ref. 3201]. •Valid as *Aspiorhynchus* Kessler 1879 -- (Tsao 1964:167 [ref. 13501], Wu 1987:47 [ref. 12822], Mirza 1991:340 [ref. 19441], Wu & Wu 1992:408 [ref. 21205], Chen & Cao in Yue et al. 2000:336 [ref. 25272], Yang et al. 2015:99 [ref. 33694] in Cyprininae, tribe Schizothoracini, Zhang et al. 2016:116 [ref. 34477]). **Current status:** Valid as *Aspiorhynchus* Kessler 1879. Cyprinidae: Cyprininae.

Kessler [K. F.]

:

Clupeonella Kessler [K. T.] 1877:187 [ref. 2597]. Fem. *Clupeonella grimmi* Kessler 1877. Type by monotypy. •Valid as *Clupeonella* Kessler 1877 -- (Svetovidov 1973:101 [ref. 7169], Whitehead in Whitehead et al. 1984:274 [ref. 13675], Grande 1985:250 [ref. 6466], Whitehead 1985:51 [ref. 5141], Hoestlandt 1991:44 [ref. 24825], Dorofeeva 1998:29 [ref. 23573], Bogutskaya & Naseka 2004:37 [ref. 28183], Kottelat & Freyhof 2007:63 [ref. 29996], Parin et al. 2014:58 [ref. 33547], Jouladeh-Roudbar et al. 2015:860 [ref. 34062]). **Current status:** Valid as *Clupeonella* Kessler 1877. Clupeidae.

Kessler [K. F.]

:

Diplophysa Kessler [K. T.] 1874:57 [ref. 2596]. Fem. *Diplophysa strauchii* Kessler 1874. Type by subsequent designation. Type designation by Berg 1916:348. Objectively invalid; preoccupied by *Diplophysa* Gegenbaur 1853 in Coelenterata. *Deuterophysa* Rendahl 1933 based on same type is also preoccupied; both replaced by *Didymophysa* Whitley 1950 and by *Diplophysoides* Fowler 1958. •Synonym of *Triplophysa* Rendahl 1933 -- (Zhu 1989:68 [ref. 17744], Kottelat 1990:21 [ref. 14137], Wu & Wu 1992:149 [ref. 21205], Bănărescu & Nalbant 1995:450 [ref. 23187], Prokofiev 2010:893 [ref. 31096], Kottelat 2012:122 [ref. 32367], Kottelat 2013:213 [ref. 32989], Zhang et al. 2016:135 [ref. 34477]). **Current status:** Synonym of *Triplophysa* Rendahl 1933. Nemacheilidae.

Kessler [K. F.]

:

Megagobio Kessler [K. T.] 1876:15 [ref. 2595]. Masc. *Megagobio nasutus* Kessler 1876. Type by monotypy. Misspelled *Magagobio* in genus heading of Kessler 1876:16 [ref. 2595], but spelled *Megagobio* in species heading, the latter in prevailing usage. •Synonym of *Rhinogobio* Bleeker 1870 -- (Bănărescu & Nalbant 1973:166 [ref. 173], Lu et al. 1977:507 [ref. 2850], Chen & Li in Chu & Chen 1989:107 [ref. 13584], Bănărescu 1997:23 [ref. 23274]). •Valid as *Megagobio* Kessler 1876 -- (Naseka 1996:157 [ref. 22943], Yue in Chen et al. 1998:331 [ref. 23878]). **Current status:** Synonym of *Rhinogobio* Bleeker 1870. Cyprinidae: Gobioninae.

Kessler [K. F.]

:

Pseudodon Kessler [K. T.] 1874:40 [ref. 2596]. Masc. *Cobitis longicauda* Kessler 1872. Type by monotypy. Original not translated. Preoccupied by *Pseudodon* Gould 1845 in Mollusca; not replaced. •Synonym of *Paracobitis* Bleeker 1863 -- (Zhu 1989:31 [ref. 17744], Kottelat 1990:20 [ref. 14137], Bănărescu & Nalbant 1995:443 [ref. 23187], Prokofiev 2009:886 [ref. 30604], Kottelat 2012:99 [ref. 32367]). **Current status:** Synonym of *Paracobitis* Bleeker 1863. Nemacheilidae.

Kessler [K. F.]

:

Austroglanis Skelton [P. H.], Risch [L.] & **de Vos [L.]** 1984:361 [ref. 5835]. Masc. *Gephyroglanis sclateri* Boulenger 1901. Type by original designation. •Valid as *Austroglanis* Skelton, Risch & de Vos 1984 -- (Risch 1986:8 [ref. 6190], Burgess 1989:68 [ref. 12860], Poll & Gosse 1995:181 [ref. 24781], Mo 1991:160 [ref. 19952] in new family Austroglanididae, Ferraris 2007:82 [ref. 29155]). **Current status:** Valid as *Austroglanis* Skelton, Risch & de Vos 1984. Austroglanididae.

de Vos [L. D. G.]

:

Discocheilus Zhang [E.] 1997:224 [ref. 23726]. Masc. *Discolabeo wui* Chen & Lan 1992. Type by original designation (also monotypic). Replacement name for *Discolabeo* Chen & Lan 1992, preoccupied by *Discolabeo* Fowler 1937. •Valid as *Discocheilus* Zhang 1997 -- (Zhang et al. in Yue et al. 2000:268 [ref. 25272], Zhang 2005:139 [ref. 28426], Zheng 2010:3 [ref. 30961], Zhu et al. 2011:46 [ref. 31305], Zhang & Zhou 2012:22 [ref. 32322], Zhang et al. 2016:109 [ref. 34477]). •Possible synonym of *Discogobio* Lin 1931 -- (Zheng et al. 2016:139 [ref. 34678]). **Current status:** Valid as *Discocheilus* Zhang 1997. Cyprinidae: Labeoninae.

Zhang [E]

:

Pseudocrossocheilus Zhang [E.] & Chen [J.-X.] 1997:324 [ref. 23731]. Masc. *Crossocheilus bamaensis* Fang 1981. Type by original designation. •Valid as *Pseudocrossocheilus* Zhang & Chen 1997 -- (Zhang et al. in Yue et al. 2000:217 [ref. 25272], Yuan et al. 2008:46 [ref. 29667], Zheng 2010:3 [ref. 30961], Zhu et al. 2011:46 [ref. 31305], Ciccotto & Page 2016:475 [ref. 34501], Zhang et al. 2016:114 [ref. 34477], Zheng et al. 2016:139 [ref. 34678]). **Current status:** Valid as *Pseudocrossocheilus* Zhang & Chen 1997. Cyprinidae: Labeoninae.

Zhang [E]

:

Sundolyra Ng [H. H.], **Hadiaty [R. K.]**, Lundberg [J. G.] & Luckenbill [K. R.] 2015:150 [ref. 33927]. Fem. *Sundolyra latebrosa* Ng, Hadiaty, Lundberg & Luckenbill 2015. Type by original designation (also monotypic). •Valid as *Sundolyra* Ng, Hadiaty, Lundberg & Luckenbill 2015. **Current status:** Valid as *Sundolyra* Ng, Hadiaty, Lundberg & Luckenbill 2015. Bagridae.

Hadiaty [R. K.]

:

Magadanichthys Shinohara [G.], Nazarkin [M. V.] & Chereshev [I. A.] Shinohara, Nazarkin, Yabe & Chereshev 2006:94 [ref. 28853]. *Magadania skopetsi* Shinohara, Nazarkin & Chereshev 2004. Type by being a replacement name. Replacement for *Magadania* Shinohara, Nazarkin & Chereshev 2004, preoccupied by Ganelin 2000 in Lepidoptera. •Valid as *Magadanichthys* Shinohara, Nazarkin & Chereshev 2006 -- (Balushkin et al. 2011:969 [ref. 32449], Parin et al. 2014:425 [ref. 33547]). **Current status:** Valid as *Magadanichthys* Shinohara, Nazarkin & Chereshev 2006. Zoarcidae: Gymnelinae.

Shinohara [G.], Nazarkin [M. V.] & Chereshev [I. A.] in Shinohara, Nazarkin, Yabe & Chereshev

:

Cryptomyrus Sullivan [J.], Lavoué [S.] & Hopkins [C. D.] 2016:132 [ref. [34183](#)]. Masc. *Cryptomyrus ogoouensis* Sullivan, Lavoué & Hopkins 2016. Type by original designation. •Valid as *Cryptomyrus* Sullivan, Lavoué & Hopkins 2016. **Current status:** Valid as *Cryptomyrus* Sullivan, Lavoué & Hopkins 2016. Mormyridae.

Sullivan [J. P.]

:

Neosalanx Wakiya [Y.] & **Takahashi** [N.] 1937:282 [ref. [4571](#)]. Masc. *Neosalanx jordani* Wakiya & **Takahashi** 1937. Type by original designation. •Valid as *Neosalanx* Wakiya & **Takahashi** 1937 -- (Chen 1956:326 [ref. [23201](#)], Roberts 1984:210 [ref. [5318](#)], Liang in Pan et al. 1991:47 [ref. [23876](#)], Zhang & Qiao 1994:103 [ref. [18971](#)], Zhang et al. 2007:335 [ref. [29562](#)], Fu et al. 2012:xx [ref. [31691](#)], Kottelat 2013:268 [ref. [32989](#)], Zhang et al. 2016:188 [ref. [34477](#)]). **Current status:** Valid as *Neosalanx* Wakiya & **Takahashi** 1937. Salangidae.

Takahasi

