

Catalog of Fishes Errata April 2019

Dennis Polack Fishwisepro

seaver, *Luzonichthys* Copus [J. M.], Ka'apu-Lyons [C. A.] & **Pyle [R. L.]** 2015:3, Fig. 1 [Biodiversity Data Journal 3.e4902; ref. 33771] Western Pacific Ocean, Micronesia, Caroline Islands, Senyavin (Pohnpei) Islands, southwest end of Ahnd (Ant) Atoll, depth 90-100 meters. Holotype: BPBM 41205. Paratypes: BPBM. Type catalog: Anderson 2018:19 [ref. 36146]. "For the Seaver family" was added by mistake; named Seaver (for the Seaver Institute for Marine Research), as a noun in apposition (email R. Pyle, 28 June 2015). •Valid as *Luzonichthys seaver* Copus, Ka'apu-Lyons & Pyle 2015 -- (Anderson 2018:19 [ref. 36146]). **Current status:** Valid as *Luzonichthys seaver* Copus, Ka'apu-Lyons & Pyle 2015. Serranidae: Anthiaginae. Distribution: Western Pacific Ocean: Caroline Islands (Federated States of Micronesia). Habitat: marine.

Pyle [R. L.]

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Geoffroy St. Hilaire, E. L. 1764 [ref. 29064]

See Garsault 1764 [ref. 1570].

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Geoffroy St. Hilaire, E. L. and J. B. G. M. Bory de Saint-Vincent 1832-35 [ref. 19956]

Expédition scientifique en Morée, entreprise et publiée par ordre du gouvernement français. Paris. 3 vols. [Fish accounts in v. 3, pt. 1 (1832).]

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We have Geoffroy St. Hilaire E. L. and Geoffroy St. Hilaire E. – Are these the same person ?

We also seem to have a date discrepancy see above.

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Has the Type Species quandary for genus *Mormyrops* been resolved yet. See petition to ICZN:

to use its plenary power to set aside all previous fixations of type species for the nominal genus *Mormyrops* Müller, 1843 and to designate *Mormyrus anguilloides* Linnaeus, 1758 as the type species.

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marina, *Trutta* Duhamel du **Morceau** [H. L.] 1773:200, Pl. II, fig. 3 [ref. 35387] Published in a rejected work, see ICZN Opinion 859. •Synonym of *Salmo trutta* Linnaeus 1758 -- (Spillmann 1961:43 [ref. 35397], Kottelat 1997:141 [ref. 22952]). **Current status:** Synonym of *Salmo trutta* Linnaeus 1758. Salmonidae: Salmoninae.

Monceau

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taenioides, *Cobitis* **Bacescu** [M. C.] & Mayer [R.] 1969:52 [39] [Voprosy Ikhtiologii v. 9 (no. 1, art. 54); ref. 7715] Western Europe and Danube basin. Syntypes: whereabouts unknown. On p. 39 of English translation. Not described as a new species, earlier use of the name not traced, but is available as above. •Synonym of *Cobitis taenia* Linnaeus

1758 -- (Kottelat 1997:89 [ref. 22952], Kottelat 2012:29 [ref. 32367], Freyhof et al. 2018:36 [ref. 36385]). **Current status:** Synonym of *Cobitis taenia* Linnaeus 1758. Cobitidae. Habitat: freshwater.

Băcescu

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kubanicus, Alburnoides bipunctatus rossicus natio **Berg [L. S.] 1933**:150 [Zoogeographica, Jena v. 1 (no. 2, art. 6); ref. 21141] Kuban River drainages, Russia. Syntypes: [not listed originally] ZIN 15289 (6), 15292 (1), 15306 (12), 15307 (4), 15307a (1). Also in Berg 1933:803 [ref. 5569] where localities and specimens are given. Not available as above, infrasubspecific; from Laba R. and Kuban River, s. Russia; but treated as available by Coad & Bogutskaya 2009:72 [ref. 30264]. **The name actually dates to Bănărescu 1964** -- see Šanda & Mlíkovský 2012:87 [ref. 32221]. •In the synonymy of *Alburnoides bipunctatus* (Bloch 1782) subspecies *rossicus* Berg 1924 -- (Berg 1949:757 [ref. 20661]). •In the synonymy of *Alburnoides bipunctatus* (Bloch 1782) -- (Kottelat 1997:44 [ref. 22952], Bogutskaya 1998:56 [ref. 23589]). •Valid as *Alburnoides kubanicus* Berg 1932 [sic] -- (Coad & Bogutskaya 2009:72 [ref. 30264], Bogutskaya & Coad 2009:138 [ref. 30270], Bogutskaya et al. 2010:467 [ref. 31109]). •Valid as *Alburnoides kubanicus* Bănărescu 1964 -- (Sanda & Mlíkovský 2012:87 [ref. 32221], Turan et al. 2014:101 [ref. 33119]). **Current status:** **Valid as *Alburnoides kubanicus* Bănărescu 1964.** Leuciscidae: Leuciscinae. Distribution: Kuban River and its tributaries (Labá, Labenok), Krasnodar Krai, South Federal District, Russia. Habitat: freshwater.

Bănărescu 1964 – Needs a comment or something in first line.

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royi, Channa Praveenraj [J.] & Knight [J. D. M.] in Praveenraj, Knight, Kiruba-Sankar, Halalludin, **Raymond & Thakur** 2018:2, Figs. 1, 2a-b, 3, 4-1 [Indian Journal of Fisheries v. 64 (no. 4); ref. 36419] Mannarghat, South Andaman, India, 11°45'43.45"N, 92°43'2.03"E. Holotype: ZSI/ANRC 12467. Paratypes: CIARI, ZSI/ANRC. •Valid as *Channa royi* Praveenraj & Knight 2018. **Current status:** Valid as *Channa royi* Praveenraj & Knight 2018. Channidae. Distribution: South, Middle and North Andaman Islands, India. Habitat: freshwater.

Raymond & Thakur

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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 - avoid abbreviations

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major, Clupea Alosa Pollini [C.] 1816:21 [Viaggio al Lago di Garda e al Monte Baldo; ref. 18566] Name only, not available. •In the synonymy of *Alosa agone* (Scopoli 1786) -- (Kottelat 1997:36 [ref. 22952]). **Current status:** Synonym of *Alosa agone* (Scopoli 1786). Clupeidae.

(Alosa)

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minor, Clupea Alosa Pollini [C.] 1816:21 [Viaggio al Lago di Garda e al Monte Baldo; ref. 18566] Name only, not available. •In the synonymy of *Alosa agone* (Scopoli 1786) -- (Kottelat 1997:36 [ref. 22952]). **Current status:** Synonym of *Alosa agone* (Scopoli 1786). Clupeidae.

(Alosa)

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parvula, Clupea Alosa Pollini [C.] 1816:21 [Viaggio al Lago di Garda e al Monte Baldo; ref. [18566](#)] Name only, not available. •In the synonymy of *Alosa agone* (Scopoli 1786) -- (Kottelat 1997:36 [ref. [22952](#)]). **Current status:** Synonym of *Alosa agone* (Scopoli 1786). Clupeidae.

(Alosa)

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elongata, Clupea alosa var. De la Pylae [A. J. M.] 1835:533 [Congrès Scientifique de France v. 2 (Sept. 1834) (art. 5); ref. [1086](#)] Regarded as without distinguishing features, not available. From France. •Questionably in the synonymy of *Alosa fallax* (Lacepède 1803) -- (Kottelat 1997:38 [ref. [22952](#)] who treats as infrasubspecific). **Current status:** Synonym of *Alosa fallax* (Lacepède 1803). Clupeidae. Habitat: freshwater, brackish, marine.

Is this alosa a species or subgenus ?

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ussuriensis, Gobius Brandt [J. F.] in Maak 1861:198 [Vol. 1; ref. [20281](#)] Ussuri. Original not seen. Apparently name only and not available.

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ussuriensis, Gobius Brandt [J. F.] in Maak 1861:198 [Vol. 1; ref. [20281](#)] Ussuri River. Original not seen. Apparently name only and not available.

Is it necessary to have both records ?

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not named, Gerres cinereus var. Eigenmann [R. S.] 1891:155 [American Naturalist v. 25 (no. 290); ref. [1268](#)] Described as "*Gerres cinereus*, var. nov." -- a "var. nov." between *G. californiensis* and *G. cinereus*; but the variety (one specimen from San Diego) was not named. Not available. •In the synonymy of *Eucinostomus californiensis* (Gill 1862) or *Eucinosatomus gracilis* (Gill 1862). **Current status:** Synonym of *Eucinostomus californiensis* (Gill 1862). Gerreidae.

Is "not named" the subspecies and infra species ?

It obviously isn't but the format says this is the case.

I can understand the problem of presentation.

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atri, Leptocephalus Cyematis Lea [E.] 1913:16, Fig. 11; Pl. 2 (no. 6) [Scientific Results of the Michael Sars North Atlantic Deep-Sea Expedition 1910 v. 3 (pt 1, no. 7); ref. [14158](#)] Not available, not as new and named as the larvae of *Cyema atrum*; name in synonymy; from Michael Sars sta. 51 and sta. 56. •In the synonymy of *Cyema atrum* Günther 1878 -- (Bauchot & Saldanha 1973:234 [ref. [7186](#)]). **Current status:** Synonym of *Cyema atrum* Günther 1878. Cyematidae.

(Cyematis)

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callichromus, Haplochromis Poll [M.] 1948:100, Fig. 5; Pl. 21 (fig. 6) [Revue de Zoologie et de Botanique Africaines v. 41 (no. 1); ref. [3519](#)] Fwa River, Democratic Republic of Congo. Holotype: MRAC 71280. Paratypes: MRAC 71281-87 (7). Type catalog: Derijst 1991:44 [ref. [21528](#)]. •Valid as *Haplochromis callichromus* Poll 1948 -- (van Oijen et al. 1991:113 [ref. [20956](#)]). •Valid as *Thoracochromis callichromus* (Poll 1948) -- (Roberts & Kullander 1994:134 [ref. [21382](#)]). •Valid as '*Haplochromis*' *callichromis* Poll 1948 -- (Wamuini Lunkayilakio & Vreven 2010:280 [ref. [31038](#)]). **Current status:** Valid as *Haplochromis callichromus* Poll 1948. Cichlidae: Pseudocrenilabrinae. Distribution: Democratic Republic of Congo. Habitat: freshwater.

Possibly a comment that genus should have been *Haplochromis*

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orstedii, Tetragonopterus Lütken [C. F.] (ex Krøyer) 1875:229 [40] [Videnskabelige Meddelelser fra den Naturhistoriske Forening i Kjøbenhavn, Aaret 1874 (nos 12-16); ref. [17563](#)] Río San Juan, Nicaragua. Lectotype: ZMUC 948. Paralectotypes: ZMUC 947 (1), 955-956 (2); ZMB 9197 (2). Type catalog: Nielsen 1974:47 [ref. [9588](#)]. On p. 40 of separate. Specific name spelled *Örstedii* originally; not German so *orstedii* is correct. Lectotype selected by Schmitter-Soto 2017:1400 [ref. [35414](#)]?. •Synonym of *Astyanax aeneus* (Günther 1860) -- (Bussing 1998:83 [ref. [24179](#)]). •Synonym of *Astyanax fasciatus* (Cuvier 1819) -- (Buckup in Reis et al. 2003:109 [ref. [27061](#)] as *orstedii* with question, Miranda & Koerber 2015:2 [ref. [33698](#)]). •Valid as *Astyanax orstedii* (Lütken 1875) -- (Schmitter-Soto 2017:1398 [ref. [35414](#)] with **autorship** of Krøyer, Angulo et al. 2018:[18] [ref. [35879](#)] with **autorship** of Krøyer). **Current status:** Valid as *Astyanax orstedii* (Lütken 1875). Characidae: Stethaprioninae. Distribution: Río San Juan, Nicaragua, through both versants of Costa Rica, to Río Chiriquí basin, Panama. Habitat: freshwater.

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steindachneri, Trichomycterus DoNascimento [C.], Prada-Pedrerros [S.] & Guerrero-Kommritz [J.] 2014:718, Figs. 1a, 2a, 3a, 4-5 [Neotropical Ichthyology v. 12 (no. 4); ref. [33632](#)] Cundinamarca, Ubaque, vereda Pueblo Nuevo, quebrada El Charco, tributary of quebrada Santa Bárbara, río El Palmar system, río Orinoco basin, 4°31'10.3"N, 73°58'44.6"W, Colombia, elevation 2700 meters. Holotype: MPUJ 4191. Paratypes: MBUCV-V, MPUJ. •Valid as *Trichomycterus steindachneri* DoNascimento, Prada-Pedrerros & Guerrero-Kommritz 2014 -- (García-Melo et al. 2016:237 [ref. [34471](#)], Terán et al. 2017:10 [ref. [35391](#)], DoNascimento et al. 2017:70 [ref. [35633](#)]). **Current status:** Valid as *Trichomycterus steindachneri* DoNascimento, Prada-Pedrerros & Guerrero-Kommritz. **Trichomycteridae:** Trichomycterinae. Distribution: Orinoco River basin, Colombia. Habitat: freshwater.

Guerrero-Kommritz 2014. Trichomycteridae

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undaicus, Brachirus Bleeker [P.] 1865:[20], Pl. 236 (fig. 4) [Atlas ichthyologique des Indes Orientales Néerlandaises; ref. [428](#)] Rio, Batang; Tjirutjup, Belitung Island, Indonesia. Syntypes: (2). Plate published in 1865, text published in 1870. •Synonym of *Brachirus orientalis* (Bloch & Schneider 1801) -- (Kottelat 2013:464 [ref. [32989](#)] with question). **Current status:** **Synonym of *Brachirus orientalis* (Bloch & Schneider 1801)**. Habitat: freshwater, brackish.

Synonym of *Brachirus orientalis* (Bloch & Schneider 1801). Soleidae.

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triangulus, Cyprinus carpio var. Wu [H.-W.], Yang [G.-R.], Yue [P.-Q.] & Huang [H.-J.] 1963:43 [The economic fauna of China; ref. [12576](#)] China. No types known. **May be *Cyprinus carpio triangularis* Wu 1939**. •Synonym of *Cyprinus multitaeniatus* Pellegrin & Chevey 1936 -- (Kottelat 2013:95 [ref. [32989](#)]). **Current status:** Synonym of *Cyprinus multitaeniatus* Pellegrin & Chevey 1936. Cyprinidae: Cyprininae. Habitat: freshwater.

Wu 1939 appears to be *Cyprinus carpio triangulus*

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Oyakawa, O. T., I. Fichberg and L. Rapp Py-Daniel 2018 (26 Feb.) [ref. 35818] [See ref. online](#)

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Three new species of *Harttia* (Loricariidae: Loricariinae) from Serra do Cachimbo, Rio Xingu basin, Pará, Northern Brazil. Zootaxa 4387 (no. 1): 75-90.

L. H. Rapp Py-Daniel

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***rubrimaculata*, *Eviota* Suzuki [H.]**, Greenfield [D. W.] & Motomura [H.] 2015:404, Figs. 7-10 [Zootaxa 4007 (no. 3); ref. [33946](#)] Off Maehama, Yoron Island, the Ryukyu Islands, Japan, 27°01'13"N, 128°26'26"E, depth 6-8 meters. Holotype (unique): KPM-NI 30770. •Valid as *Eviota rubrimaculata* Suzuki, Greenfield & Motomura 2015 -- (Greenfield & Jewett 2016:76 [ref. [34495](#)], Tornabene & Greenfield 2016:6 [ref. [34518](#)], Greenfield & Winterbottom 2016:71 [ref. [35011](#)], Greenfield 2017:35 [ref. [35705](#)]). **Current status:** Valid as *Eviota rubrimaculata* Suzuki, Greenfield & Motomura 2015. Gobiidae: Gobiinae. Distribution: Ryukyu Islands, Japan. Habitat: marine.

Suzuki [T.]

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Bragança, P. H. N. De, F. P. Ottoni and E. Henschel 2014 (July) [ref. 36422] [See ref. online](#)

Distribution extension of *Krobia guianensis* (Regan, 1905) (Teleostei: Cichlidae) to the Araguari river basin, Amapá state, northern Brazil. Check List v. 10 (no. 3): 632-634.

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Ottoni, F. P., P. H. N. De Bragança, C. S. Gama and I. Schindler 2015 (Dec.) [ref. 36425]

Zur Verbreitung von *Cleithracara maronii* und zu einem Fundort aus dem Amazonas-Stromgebiet in Brasilien. DCG-Informationen (Deutsche Cichliden-Gesellschaft) v. 46 (no. 12): 286-289.

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Ottoni, F. P., P. H. N. De Bragança, J. L. de O. Mattos, C. S. Gama and I. Schindler 2018 (Mar.) [ref. 36423]

Zur Verbreitung von *Guianacara geayi* und neuen Fundorten am süd-östlichen Rand des Guyanaschildes in Brasilien. DCG-Informationen (Deutsche Cichliden-Gesellschaft) v. 49 (no. 3): 64-66.

Normally shown as P. H. N. Bragança

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***neretvae*, *Alburnus* Buj [I.], Sanda [R.] & Perea [S.]** in Buj et al. 2010:137, Fig. 4 [Folia Zoologica: international journal of vertebrate zoology. v. 59 (no. 2); ref. [30888](#)] Musnica River by the village Avtovac in Gatacko polje, 43°08.290'N, 18°34.343'E, Neretva River drainage, Adriatic basin, Bosnia and Herzegovina, elevation 960 meters. Holotype: NMP P6V 83139. Paratypes: NMP P6V 83140-83141 (2), PMF BAC 1-5 (5). Plus additional non-type material. Type catalog: Mlíkovský et al. 2011:152 [ref. [33498](#)]. Need diacritical marks on z in Povz and S in Sanda •Valid as *Alburnus neretvae* Buj, Sanda & Perea 2010 -- (Čaleta et al. 2015:47 [ref. [34877](#)]). **Current status:** Valid as *Alburnus neretvae* Buj, Sanda & Perea 2010. Leuciscidae: Leuciscinae. Distribution: Neretva River drainage, Adriatic basin, Croatia and Bosnia and Herzegovina. Habitat: freshwater.

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Freyhof, J., E. Bayçelebi and M. Geiger 2018 (21 Dec.) [ref. 36385] [See ref. online](#)

Review of the genus *Cobitis* in the Middle East, with the description of eight new species (Teleostei: Cobitidae). Zootaxa 4535 (1): 1-75.

Geiger [M. F.]

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Freyhof, J., C. Kaya, E. Bayçelebi, M. Geiger and D. Turan 2018 (16 Apr.) [ref. 35889] [See ref. online](#)

Generic assignment of *Leuciscus kurui* Bogutskaya from the upper Tigris drainage, and a replacement name for *Alburnus kurui* Mangit & Yerli (Teleostei: Leuciscidae). Zootaxa 4410 (no. 1): 113-135.

Geiger [M. F.]

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Freyhof, J., C. Kaya, E. Bayçelebi, M. Geiger and D. Turan 2019 (29 Jan.) [ref. 36482] [See ref. online](#)

Comments on the holotype of *Alburnus kurui* Mangit & Yerli 2018 and re-description of *A. carianorum* Freyhof, Kaya, Bayçelebi, Geiger & Turan, 2019 (Teleostei: Leuciscidae). Zootaxa 4550 (no. 4): 594-596.

Geiger [M. F.]

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Turan, D., C. Kaya, M. Geiger and J. Freyhof 2018 (23 Aug.) [ref. 36092] [See ref. online](#)

Barbus anatolicus, a new barbel from the Kızılırmak and Yeşilirmak River drainages in northern Anatolia (Teleostei: Cyprinidae). Zootaxa 4461 (no. 4): 539-557.

Geiger [M. F.]

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obertae, Valencia Freyhof [J.], Kärst [H.] & **Geiger [M.]** 2014:291, Figs. 1-7 [Ichthyological Exploration of Freshwaters v. 24 (no. 4) [for 2013]; ref. 33243] River Pinios south of Kavasilas, 37°52'16.4"N, 21°15'53.6"E, Greece. Holotype: ZFMK 59197. Paratypes: ZFMK 59198-59206 (9). Plus additional non-type material. •Valid as *Valencia robertae* Freyhof, Kärst & Geiger 2014 -- (Barbieri et al. 2015:91 [ref. 35029]). **Current status:** Valid as *Valencia robertae* Freyhof, Kärst & Geiger 2014. Valenciidae. Distribution: Greece. Habitat: freshwater.

Geiger [M. F.]

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afifeae, Cobitis Freyhof [J.], Bayçelebi [E.] & **Geiger [M.]** 2018:41, Figs. 30-32 [Zootaxa 4535 (1); ref. 36385] Büyük Menderes River at Cindere about 9 km south of Güney, Denizli province, Turkey, 38.083 29.014. Holotype: ZFMK ICH-99950. Paratypes: FSJF. Plus additional non-type material. •Valid as *Cobitis afifeae* Freyhof, Bayçelebi & Geiger 2018. **Current status:** Valid as *Cobitis afifeae* Freyhof, Bayçelebi & Geiger 2018. Cobitidae. Distribution: Küçük Menderes and Büyük Menderes River drainages, Turkey. Habitat: freshwater.

Geiger [M. F.]

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aliyae, Cobitis Freyhof [J.], Bayçelebi [E.] & **Geiger [M.]** 2018:45, Figs. 33-35 [Zootaxa 4535 (1); ref. 36385] Seyhan River below water regulation doors at Yüreyir, south of Adana, Adana province, Turkey, 36.975 35.335. Holotype: ZFMK ICH-97840. Paratypes: FSJF. •Valid as *Cobitis aliyae* Freyhof, Bayçelebi & Geiger 2018. **Current status:** Valid as *Cobitis aliyae* Freyhof, Bayçelebi & Geiger 2018. Cobitidae. Distribution: Lower reaches of the Seyhan and Ceyhan River drainages, Turkey. Habitat: freshwater.

Geiger [M. F.]

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anabelae, Cobitis Freyhof [J.], Bayçelebi [E.] & **Geiger [M.]** 2018:48, Figs. 36-38 [Zootaxa 4535 (1); ref. 36385] Karasu River about 4 km south of Kırkhan, Hatay province, Turkey, 36.465 36.380. Holotype: ZFMK ICH-98633. Paratypes: FSJF. •Valid as *Cobitis anabelae* Freyhof, Bayçelebi & Geiger 2018. **Current status:** Valid as *Cobitis anabelae* Freyhof, Bayçelebi & Geiger 2018. Cobitidae. Distribution: Lower reaches of the Orontes River drainage, Turkey and Syria. Habitat: freshwater.

Geiger [M. F.]

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anatolicus, *Barbus* Turan [D.], Kaya [C.], **Geiger [M.]** & Freyhof [J.] 2018:542, Figs. 2-4, 5a, 6a, 7 [Zootaxa 4461 (no. 4); ref. [36092](#)] Kızılırmak River at Kesikköprü, Kırşehir province, Turkey, 38°57'39"N, 34°11'57"E. Holotype: FFR 08811. Paratypes: FFR, FSJF. Plus additional non-type material. •Valid as *Barbus anatolicus* Turan, Kaya, Geiger & Freyhof 2018 -- (Çiçek et al. 2018:4 [ref. [36267](#)]). **Current status:** Valid as *Barbus anatolicus* Turan, Kaya, Geiger & Freyhof 2018. Cyprinidae: Barbinae. Distribution: Turkey: Kızılırmak and Yeşilirmak River drainages, Black Sea basin. Habitat: freshwater.

Geiger [M. F.]

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carianorum, *Alburnus* Freyhof [J.], Kaya [C.], Bayçelebi [E.], **Geiger [M.]** & Turan [D.] 2018:124 [Zootaxa 4410 (no. 1); ref. [35889](#)] No valid types. Replacement name for *Alburnus kurui* Mangit & Yerli 2018, secondarily preoccupied in *Alburnus*, but this name is unavailable because the location of the types is not mentioned. •Valid as *Alburnus carianorum* Freyhof, Kaya, Bayçelebi, Geiger & Turan 2018 -- (Çiçek et al. 2018:9 [ref. [36267](#)], Özuluğ et al. 2018:33 [ref. [35953](#)]). •Synonym of *Alburnus carianorum* Freyhof, Kaya, Bayçelebi, Geiger & Turan 2019 -- (Freyhof et al. 2019:594 [ref. [36482](#)]). **Current status:** Synonym of *Alburnus carianorum* Freyhof, Kaya, Bayçelebi, Geiger & Turan 2019. Leuciscidae: Leuciscinae.

Geiger [M. F.]

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carianorum, *Alburnus* Freyhof [J.], Kaya [C.], Bayçelebi [E.], **Geiger [M.]** & Turan [D.] 2019:595, Fig. 1 [Zootaxa 4550 (no. 4); ref. [36482](#)] Dalaman River north of Dalaman, Muğla Province, Turkey, 36.815°N, 28.802°E. Holotype: FFR 04677. Paratypes: FFR, FSJF. New name for *Alburnus kurui* Mangit & Yerli 2018 and *Alburnus carianorum* Freyhof, Kaya, Bayçelebi, Geiger & Turan 2018. •Valid as *Alburnus carianorum* Freyhof, Kaya, Bayçelebi, Geiger & Turan 2018 -- (Çiçek et al. 2018:9 [ref. [36267](#)], Özuluğ et al. 2018:33 [ref. [35953](#)]). •Valid as *Alburnus carianorum* Freyhof, Kaya, Bayçelebi, Geiger & Turan 2019. **Current status:** Valid as *Alburnus carianorum* Freyhof, Kaya, Bayçelebi, Geiger & Turan 2019. Leuciscidae: Leuciscinae. Distribution: Lower Dalaman and Büyük Menderes River drainages, Aegean Sea basin, Turkey. Habitat: freshwater.

Geiger [M. F.]

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emrei, *Cobitis* Freyhof [J.], Bayçelebi [E.] & **Geiger [M.]** 2018:52, Figs. 39-41 [Zootaxa 4535 (1); ref. [36385](#)] Stream Kurtköy flowing to Lake Sapanca at Kurtköy, Adapazarı (Sakarya) province, Turkey, 40.713 30.175. Holotype: ZFMK ICH-099187. Paratypes: FSJF. •Valid as *Cobitis emrei* Freyhof, Bayçelebi & Geiger 2018. **Current status:** Valid as *Cobitis emrei* Freyhof, Bayçelebi & Geiger 2018. Cobitidae. Distribution: Lake Sapanca basin, Turkey. Habitat: freshwater.

Geiger [M. F.]

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erkakanae, *Cobitis* Freyhof [J.], Bayçelebi [E.] & **Geiger [M.]** 2018:55, Figs. 42-44 [Zootaxa 4535 (1); ref. [36385](#)] River connecting Lakes Gölbaşı and Azaplı west of Gölbaşı, Adıyaman province, Turkey, 37.790 37.626. Holotype: ZFMK ICH-98958. Paratypes: FSJF. •Valid as *Cobitis erkakanae* Freyhof, Bayçelebi & Geiger 2018. **Current status:** Valid as *Cobitis erkakanae* Freyhof, Bayçelebi & Geiger 2018. Cobitidae. Distribution: Gölbaşı lakes basin, Turkey. Habitat: freshwater.

Geiger [M. F.]

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joergbohleni, *Cobitis* Freyhof [J.], Bayçelebi [E.] & **Geiger [M.]** 2018:58, Figs. 45-47 [Zootaxa 4535 (1); ref. [36385](#)] Spring Soysallı, about 1 km north of Soysallı, Kayseri province, Turkey, 38.390 35.365. Holotype: ZFMK ICH-97624. Paratypes: FSJF. •Valid as *Cobitis joergbohleni* Freyhof, Bayçelebi & Geiger 2018. **Current status:** Valid as *Cobitis joergbohleni* Freyhof, Bayçelebi & Geiger 2018. Cobitidae. Distribution: Sultan Sazlığı marshes, Turkey. Habitat: freshwater.

Geiger [M. F.]

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pirii, *Cobitis* Freyhof [J.], Bayçelebi [E.] & **Geiger [M.]** 2018:61, Figs. 48-50 [Zootaxa 4535 (1); ref. [36385](#)] Stream Aksu at Bağıllı, Isparta province, Turkey, 37.763 31.033. Holotype: ZFMK ICH-99635. Paratypes: FSJF. •Valid as *Cobitis pirii* Freyhof, Bayçelebi & Geiger 2018. **Current status:** Valid as *Cobitis pirii* Freyhof, Bayçelebi & Geiger 2018. Cobitidae. Distribution: Lake Eğirdir basin, Aksu and Köprü River drainages (Mediterranean coast), Turkey. Habitat: freshwater.

Geiger [M. F.]

:

robertae, *Valencia* Freyhof [J.], Kärst [H.] & **Geiger [M.]** 2014:291, Figs. 1-7 [Ichthyological Exploration of Freshwaters v. 24 (no. 4) [for 2013]; ref. [33243](#)] River Pinios south of Kavasilas, 37°52'16.4"N, 21°15'53.6"E, Greece. Holotype: ZFMK 59197. Paratypes: ZFMK 59198-59206 (9). Plus additional non-type material. •Valid as *Valencia robertae* Freyhof, Kärst & Geiger 2014 -- (Barbieri et al. 2015:91 [ref. [35029](#)]). **Current status:** Valid as *Valencia robertae* Freyhof, Kärst & Geiger 2014. Valenciidae. Distribution: Greece. Habitat: freshwater.

Geiger [M. F.]

:

troasensis, *Cobitis* Freyhof [J.], Bayçelebi [E.] & **Geiger [M.]** 2018:65, Figs. 51-53 [Zootaxa 4535 (1); ref. [36385](#)] Stream Tuzla about 1 km south of Ayvacık, Çanakkale province, Turkey, 39.596 26.438. Holotype: ZFMK ICH-098603. Paratypes: FSJF. •Valid as *Cobitis troasensis* Freyhof, Bayçelebi & Geiger 2018. **Current status:** Valid as *Cobitis troasensis* Freyhof, Bayçelebi & Geiger 2018. Cobitidae. Distribution: Tuzla River basin, Aegean coast, Turkey. Habitat: freshwater.

Geiger [M. F.]

:

Normally shown as M. F. Geiger unless they are 2 different people. Period and co-authors indicate that it is probably only one person. Please advise

:

Geetakumari, Kh. and W. Vishwanath 2010 (Jan.) [ref. 30699]

Badis dibruensis, a new species (Teleostei: Badidae) from northeastern India. Journal of Threatened Taxa v. 2 (no. 1): 644-647.

Geetakumari, K.

:

Zheng, C.-Y., Y.-R. Chen and S. Huang 1982 (Nov.) [ref. 21355]

The homalopterid fishes from Yunnan Prvince [sic], China. Zoological Research v. 3 (no. 4): 393-402. [In Chinese, English summary.]

This is probably S.-P. Huang

:

pengi, *Balitora* **Huang [S.]** in Zheng, Chen & Huang 1982:395 (English p. 401), Fig.

2 [Zoological Research v. 3 (no. 4); ref. 21355] Xishuangbanna, Menghai County, Yunnan Province, China. Syntypes: KIZ 73046-53 (8). Type catalog: Du et al. 2013:353 [ref. 32939]. •Valid as *Balitora pengi* Huang 1982 -- (Zheng & Zhang 1983:66 [ref. 21356], Zhu 1995:137 [ref. 25213], Chen & Tang in Yue 2000:529 [ref. 25272], Tang & Chen 2000:8 [ref. 25445], Freyhof & Herder 2002:57 [ref. 26065], Wang et al. 2010:26 [ref. 30898], Kunlapapuk et al. 2012:119 [ref. 32192]). •Valid as *Hemimyzon pengi* (Huang 1982) -- (Kottelat & Chu 1988:194 [ref. 13491], Doi & Kottelat 1998:7 [ref. 23304], Kottelat 2001:97 [ref. 25780], Kottelat 2012:48 [ref. 32367], Kottelat 2013:187 [ref. 32989], Zhang et al. 2016:165 [ref. 34477], Lalramliana et al. 2018:111 [ref. 35735]). **Current status:** Valid as *Hemimyzon pengi*(Huang 1982). Balitoridae. Distribution: Lancangjiang [Mekong] River, China. Habitat: freshwater.

This is probably Huang [S.-P.]

:

Hubert, N., D. Lumbantobing, A. Sholihah, H. Dahruddin, E. Delrieu-Trottin, F. Busson, S. Sauri, R. Hadiaty and P. Keith 2019 (13 Feb.) [ref. 36547] [See ref. online](#)

Revisiting species boundaries and distribution ranges of *Nemacheilus* spp. (Cypriniformes: Nemacheilidae) and *Rasbora* spp. (Cypriniformes: Cyprinidae) in Java, Bali and Lombok through DNA barcodes: implications for conservation in a biodiversity hotspot. Conservation Genetics: 1-13. [First published online, p. 1-13, on 13 Feb. 2019.]

:

Keith, P., F. Busson, S. Sauri, N. Hubert and R. Hadiaty 2015 (Nov.) [ref. 34020] [Download ref.](#) 

A new *Stiphodon* (Gobiidae) from Indonesia. Cybium v. 39 (no. 3): 219-225.

:

Keith, P., C. Lord, H. Darhuddin, G. Limmon, T. Sukmono, R. Hadiaty and N. Hubert 2017 (July) [ref. 35442] [See ref. online](#)

Schismatogobius (Gobiidae) from Indonesia, with description of four new species. Cybium v. 41 (no. 2): 195-211.

:

Pouyaud, L., S. Wirjoatmodjo, I. Rachmatika, A. Tjakrawidjaja, R. Hadiaty and W. Hadie 1999 [ref. 23788]

Une nouvelle espèce de coelacanthe. Preuves génétiques et morphologiques. Comptes rendus de l'Académie des Sciences. Série 3, Sciences de la vie = Life Sciences Paris (Elsevier) No. 322: 261-267. [In French, abridged version in English.]

:

Normally seen as R. K. Hadiaty

:

You have S. J. Weiss, S. Weiss and M. Weiss – are these 3, 2 or 1 person/s ?

:

Provenzano, F. and R. Barriga Salazar 2018 (5 Dec.) [ref. 36344] [See ref. online](#)

Species of *Ancistrus* (Siluriformes, Loricariidae) from Ecuador, with the description of a new species from the Amazon River Basin. Zootaxa 4527 (no. 2): 211-238. [First author seen as F. Provenzano R.]

Normally seen as R. E. Barriga Salazar

:

There appears to be a data conflict between the next 2 records.

acutidorsalis, Cyprinus Chen [H.-L.] & Huang [H.-Q.] in Wu 1977:410, Pls. 8-10 [The cyprinid fishes of China v. 2; ref. 8497] Guangxi, Qinzhou, China. Syntypes: IHB 75V3943-3947 3962 (6). Second author also seen as Hwang. Perhaps the same as *Cyprinus acutidorsalis* Wang 1979. •Species inquirenda as *Cyprinus acutidorsalis* Chen & Hwang 1977 -- (Kottelat 2013:93 [ref. 32989]). **Current status: Uncertain as *Cyprinus acutidorsalis* Chen & Huang 1977**. Cyprinidae: Cyprininae. Distribution: China (if valid). Habitat: freshwater.

acutidorsalis, Cyprinus Wang [Y.-H.] 1979:424, Fig. 1 [Acta Hydrobiologica Sinica v. 6 (no. 4); ref. 8771] Lecheng, Qionghai, Hainan Island, China. Holotype: XFCFC [Xiamen Fisheries College] 65-1821. Paratypes: ECSFRI and XFCFC 65-0801 (1), 65-1822 to 1823 (1, 1), 66-2816 to 2817 (1, 1), 66-3126 (1), 66-3393 (1), 66-3568 (1), 66-3571 (1), 66-3573 (1), SH-15193 (1). Junior primary homonym of *Cyprinus acutidorsalis* Chen & Hwang 1977. •Valid as *Cyprinus acutidorsalis* Wang 1979 -- (Chen & Huang 1977:410 [ref. 8497], Kuang in Kuang et al. 1986:138 [ref. 26639], Liu in Pan et al. 1991:224 [ref. 23876], Zhu 1995:98 [ref. 25213], Luo & Yue in Yue 2000:409 [ref. 25272], Zhang et al. 2016:84 [ref. 34477]). •Synonym of *Cyprinus acutidorsalis* Chen & **Hwang** 1977 -- (Kottelat 2013:93 [ref. 32989]). **Current status: Synonym of *Cyprinus acutidorsalis* Chen & Huang 1977**. Cyprinidae: Cyprininae. Distribution: Qingjiang River, Guangxi, China; Hainan Island [if valid]. Habitat: freshwater.

Here we have a synonym of an uncertain name.

It is not in the synonymy of.

:

reba, Cyprinus Hamilton [F.] 1822:280, 386 [An account of the fishes found in the river Ganges; ref. 2031] Bengal and Behar, India. No types known. •Synonym of *Cirrhinus ariza* (Hamilton 1807) -- (Roberts 1997:183 [ref. 23550]). •Valid as *Cirrhinus reba* (Hamilton 1822) -- (Shrestha 1978:35 [ref. 15970], Aatur Rahman 1989:123 [ref. 24860], Coad 1981:10 [ref. 22348], Talwar & Jhingran 1991:173 [ref. 20764], Indra 1994:413 [ref. 24015], Sen 1995:503 [ref. 23778], Doi 1997:4 [ref. 22832], Manimekalan 1998:434 [ref. 24989], Sen 1999:191 [ref. 24750], Rema Devi & Raghunathan 1999:151 [ref. 24759], Menon 1999:123 [ref. 24904], Rafique 2000:323 [ref. 25220], Mirza 2000:355 [ref. 25207], Karmakar 2000:28 [ref. 25662], Rafique et al. 2003:97 [ref. 27173], Mirza 2003:6 [ref. 27265], Yadav 2003:9 [ref. 27711], Aatur Rahman 2003:141 [ref. 31338], Shrestha 2008:60 [ref. 29923], Ahmed et al. 2013:285 [ref. 32872], Suresh et al. 2018:97 [ref. 36495]). **Current status: Valid as *Cirrhinus reba* (Hamilton 1807)**. Cyprinidae: Labeoninae. Distribution: India, Pakistan, Nepal, Sri Lanka and Bangladesh. Habitat: freshwater.

(Hamilton 1822)

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marina, Acus Müller [P. L. S.] 1766:141, Pl. H (fig. 2) (v. 2) [Deliciae Naturae; ref. 3055] Not available, published in a rejected work on the Official Index (Opinion 701). •In the synonymy of *Belone belone* (Linnaeus 1761), subspecies *acus* Risso 1827. •Synonym of *Belone acus* Risso 1827. **Current status: Synonym of *Belone acus* Risso 1827**. Belonidae.

1760

:

acus, *Belone* Risso [A.] 1827:443 [Histoire naturelle des principales productions de l'Europe méridionale v. 3; ref. [3757](#)] Mediterranean Sea. No types known. •Synonym of *Belone belone* (Linnaeus **1761**) -- (Collette & Parin 1970:10 [ref. [7415](#)], Parin 1973 [ref. [7191](#)], Bilecenoğlu et al. 2002:60 [ref. [26753](#)], Collette 2003:2 [ref. [27306](#)]). •Synonym of *Belone belone* Linnaeus **1761**, but a valid subspecies *acus* Risso 1827 -- (Collette 2003:13 [ref. [27306](#)], Collette 2016:2123 [ref. [34601](#)]). •Valid as *Belone acus* Risso 1827 -- (Fricke et al. 2007:69 [ref. [29533](#)], Wirtz et al. 2013:121 [ref. [32972](#)]). **Current status:** Valid as *Belone acus* Risso 1827. Belonidae. Distribution: Mediterranean Sea and adjacent Portugal (eastern Atlantic). Habitat: marine.

1760

gracilis, *Belone* Lowe [R. T.] 1839:86 [Proceedings of the Zoological Society of London 1839 (pt 7); ref. [2829](#)] Off Madeira. Syntypes: (2) whereabouts unknown. •Synonym of *Belone belone* (Linnaeus 1761), but a valid subspecies *gracilis* (Lowe 1839) -- (Santos et al. 1997:67 [ref. [23531](#)]). •Synonym of *Belone belone* (Linnaeus **1761**), subspecies *acus* Risso 1827 -- (Collette & Parin 1970:11 [ref. [7415](#)], Parin 1973:259 [ref. [7191](#)], Collette & Parin in Whitehead et al. 1986:606 [ref. [13676](#)], Collette & Parin 1990:592 [ref. [16473](#)], Collette 2003:13 [ref. [27306](#)], Meriç & Altun 1999:423 [ref. [24105](#)], Collette 2003:2, 15 [ref. [27306](#)], Collette 2016:2123 [ref. [34601](#)]). •Synonym of *Belone acus* Risso 1827 -- (Fricke et al. 2007:69 [ref. [29533](#)]). **Current status:** Synonym of *Belone acus* Risso 1827. Belonidae. Habitat: marine.

1760

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meadiae, *Ulocentra* Jordan [D. S.] & Evermann [B. W.] 1898:2852 [Bulletin of the United States National Museum No. 47; ref. [2445](#)] Indian Creek, tributary of Powell River at Cumberland Gap, Tennessee, U.S.A. Holotype: USNM 48903. Paratypes: CAS-SU 6312 (1, not found), USNM 125623 [ex USBF 711] (1). Type catalog: Collette & Knapp 1967:72 [ref. [20211](#)]. •Synonym of *Etheostoma stigmaeum* (Jordan 1877) -- (Page 1983:81 [ref. [22189](#)]). •See Layman & Mayden 2009:166 [ref. [30060](#)]. •Valid as *Etheostoma meadiae* (Jordan & Evermann 1898) -- (Lee et al. 1980:666 [ref. [22416](#)], Scharpf 2008:28 [ref. [30399](#)], Layman & Mayden 2012:16 [ref. [32285](#)]). **Current status:** Valid as *Etheostoma meadiae* (Jordan & Evermann **1898**). Percidae: Etheostomatinae. Distribution: Eastern U.S.A.: Tennessee and Virginia. Habitat: freshwater.

1898

:

lichtensteinii, *Hippocampus* Kaup [J. J.] 1856:8 [Catalogue of lophobranchiate fish in the collection of the British Museum; ref. [2575](#)] Locality not stated (probably from the Red Sea? or Japan). Syntypes: (3) ZMB 4317 (2). •Valid as *Hippocampus lichtensteinii* Kaup 1856 -- (Lourie et al. 1999:111 [ref. [23993](#)], Goren & Dor 1994:20 [ref. [25356](#)], Kuitert 2009:128 [ref. [30404](#)], Hamilton et al. 2016:Supplement 2 [ref. [35615](#)]). •Uncertain as *Hippocampus* species inquirenda -- (Lourie et al. 2016:45 [ref. [34632](#)]). **Current status:** Valid as *Hippocampus lichtensteinii* Kaup **1856**. Syngnathidae: Syngnathinae. Distribution: Western North Pacific: Japan?. Habitat: marine.

1856

:

regani, *Lycozoarces* Popov [A. M.] **1933**:151, Fig. 1 [labeled 2 on plate] [Issledovaniya Morey SSSR, Leningrad No. 19; ref. [6535](#)] Tatar Strait, 50°36.7'N, 140°53.6'E, Russia, northern Sea of Japan, depth 70 meters. Holotype (unique): ZIN 29987. Type catalog: Balushkin 2011:951 [ref. [32449](#)], Balushkin et al. 2012:164 [ref. [33667](#)]. *Lycozoarces regani* is available as above, even though the genus is unavailable until 1935 (Article 11(h)(iii)), so *hubbsi* should be treated as a synonym of *regani*. •Wrongly as unavailable and in the synonymy of *Lycozoarces hubbsi* Popov 1935 -- (Anderson 1994:22 [ref. [21438](#)]). •**Valid as *Lycozoarces regani* Popov 1933** -- (Lindberg & Krasnyukova 1975:124 [ref. [7348](#)], Toyoshima in Masuda et al. 1984:305 [ref. [6441](#)], Nakabo 2000:1028 [ref. [25182](#)], Sheiko & Fedorov 2000:37 [ref. [25650](#)], Nakabo 2002:1028 [ref. [26193](#)], Fedorov et al. 2003:118 [ref. [27579](#)], Anderson & Fedorov 2004:2 [ref. [27603](#)], Balushkin et al. 2011:952 [ref. [32449](#)], Parin et al. 2014:425 [ref. [33547](#)]). **Current status:** Valid as *Lycozoarces regani* Popov **1935**. Zoarcidae: Lycozoarcinae. Distribution: Western North Pacific: Japan and Okhotsk seas. Habitat: marine.
This is confusing which date is correct ? – 1933 looks like the best choice.

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gabonense, *Ctenopoma* Günther [A.] 1896:269, Pl. 13 (fig. C) [Annals and Magazine of Natural History (Series 6) v. 17 (no. 100) (art. 37); ref. [14607](#)] Gabon and probably Ogowe River. Syntypes: BMNH 1867.5.13.19 (1), 1868.8.16.11 (1). •Synonym of *Ctenopoma nigropannosum* Reichenow **1875** -- (Gosse 1986:411 [ref. [6194](#)]). •Valid as *Ctenopoma gabonense* Günther 1896 -- (Norris 2007:253 [ref. [30044](#)]). **Current status:** Valid as *Ctenopoma gabonense* Günther 1896. Anabantidae. Distribution: West-central Africa. Habitat: freshwater.

1876

:

asperrimus, *Arhynchobatis* Waite [E. R.] 1909:20, Pl. 20 [Records of the Canterbury Museum v. 1 (no. 2); ref. [4564](#)] 12 miles west-southwest of Cape Runaway, Bay of Plenty, New Zealand, depth 66-94 fathoms. Holotype (unique): CMC F417. Type catalog: Freeman & Tunnicliffe 1997:5 [ref. [22860](#)]. •Valid as *Arhynchobatis asperrimus* Waite 1909 -- (Garrick 1954 [ref. [12644](#)], Garrick & Paul 1974:353 [ref. [7421](#)], Paulin et al. 1989:27 [ref. [24556](#)], Ishihara in Amaoka et al. 1990:80 [ref. [16024](#)], McEachran & Dunn 1998:286 [ref. [23312](#)], Compagno 1999:488 [ref. [25589](#)], Last & Yearsley 2002:1640 [ref. [26568](#)], Stewart & Last 2015:183 [ref. [34225](#)], Weigmann 2016:89 [ref. [34211](#)], Last et al. 2016:24 [ref. [34941](#)], Last et al. 2016:369 [ref. [35005](#)]). **Current status:** Valid as *Arhynchobatis asperrimus* (**Waite 1909**). Arhynchobatidae. Distribution: New Zealand region. Habitat: marine.

Waite 1909

:

australe, *Moenkhausia* Eigenmann [C. H.] 1908:103 [Bulletin of the Museum of Comparative Zoology v. 52 (no. 6); ref. [1221](#)] Arroyos Trementina and Chagalalina, Argentina; Brazil. Syntypes: Questionably CAS 70818-19 (2). •Synonym of *Moenkhausia sanctaefilomenae* (Steindachner 1907) -- (Benine in Reis et al. 2003:150 [ref. [27061](#)], Litz & Koerber 2014:16 [ref. [33622](#)], Mirande & Koerber 2015:27 [ref. [35117](#)], Koerber et al. 2017:42 [ref. [35267](#)]). •Valid as *Moenkhausia australe* (**Eigenmann 1908**)-- (Dagosta et al. 2015:424 [ref. [33998](#)], Azevedo-Santos & Benine 2016:208 [ref. [34837](#)]). **Current status:** Valid as *Moenkhausia australe* (**Eigenmann 1908**). Characidae: Stethaprioninae. Distribution: Brazil, Argentina and Paraguay. Habitat: freshwater.

Eigenmann 1908

:

curvifrons, Schizothorax Heckel [J. J.] 1838:25, Pl. 3 [Fische aus Caschmir; ref. [2063](#)] Kashmir. Syntypes: NMW 9020 (1). •Valid as *Schizocypris curvifrons* (Heckel 1838) -- (Rafique 2000:324 [ref. [25220](#)]). •Valid as *Schizopyge curvifrons* (Heckel 1838) -- (Mirza & Afridi 2002:172 [ref. [26429](#)], Mirza 2003:11 [ref. [27265](#)]). •Valid as *Schizothoraichthys curvifrons* (Heckel 1838) -- (Tilak 1987:120 [ref. [23969](#)], Talwar & Jhingran 1991:402 [ref. [20764](#)], Menon 1999:110 [ref. [24904](#)], Karmakar 2000:30 [ref. [25662](#)], Shrestha 2008:106 [ref. [29923](#)]). •Valid as *Schizothorax curvifrons* Heckel 1838 -- (Tsao 1964:152 [ref. [13501](#)], Kullander et al. 1999:124 [ref. [23689](#)]). **Current status:**Valid as *Schizothorax curvifrons* (**Heckel 1838**). Cyprinidae: Schizothoracinae. Distribution: Asia: Nepal, India and Pakistan; also Kashmir and Afganistan. Habitat: freshwater.

Heckel 1838

:

affinis, Schizothorax Kessler [K. F.] 1872:56 [12] [Izvestiia Imperatorskago Obschchestva Liubitelei Estestvozanii, Antropologii i Etnografii v. 10 (no. 1); ref. [14134](#)] Dznam near Samarkand, Uzbekistan. Syntypes: (3) Original in error as ZIN 4019 (1), 4487-88 (1, 1); none found at ZIN. On p. 12 of separate. •Synonym of *Schizothorax intermedius* McClelland 1842 -- (Berg 1949:712 [ref. [20661](#)]). •Synonym of *Racoma intermedia* (McClelland & Griffith 1842) -- (Wu & Wu 1992:329 [ref. [21205](#)]). •?Synonym of *Schizothorax curvifrons* (**Heckel 1838**). **Current status:** Synonym of *Schizothorax curvifrons* (**Heckel 1838**). Cyprinidae: Schizothoracinae. Habitat: freshwater.

Heckel 1838

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aksaiensis, Schizothorax Kessler [K. F.] 1872:57 [13], Pl. 9 (figs. 19-21) [Izvestiia Imperatorskago Obschchestva Liubitelei Estestvozanii, Antropologii i Etnografii v. 10 (no. 1); ref. [14134](#)] Aksai River, tributary of Tarim River, Xinjing Province, China. Syntypes: (3) MLSU 544 (1). Type catalog: Svetovidova 1978:262 [ref. [9011](#)] with MLSU 544 as holotype; no types found at ZISP in 1996 (N. Chernova, pers. comm.). On p. 31 of separate. •Synonym of *Schizothorax intermedius* McClelland & Griffith 1842 -- (Berg 1949:713 [ref. [20661](#)]). •Synonym of *Racoma intermedia* (McClelland & Griffith 1842) -- (Wu & Wu 1992:329 [ref. [21205](#)]). •?Synonym of *Schizothorax curvifrons* (**Heckel 1838**). **Current status:** Synonym of *Schizothorax curvifrons* (**Heckel 1838**). Cyprinidae: Schizothoracinae. Habitat: freshwater.

Heckel 1838

:

brevis, Racoma McClelland [J.] 1842:578 [Calcutta Journal of Natural History v. 2 (no. 8); ref. [2926](#)] Helmand River, Afghanistan. Holotype (unique): whereabouts unknown. Authorship of *intermedius* from p. 573. •Synonym of *Schizothorax intermedius* McClelland & Griffith 1842 -- (Berg 1949:713 [ref. [20661](#)], Coad 1995:20 [ref. [23608](#)] with question). •?Synonym of *Schizothorax curvifrons* (**Heckel 1838**). **Current status:** Synonym of *Schizothorax curvifrons* (Heckel 1838). Cyprinidae: Schizothoracinae. Habitat: freshwater.

Heckel 1838

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eurycephalus, Schizothorax intermedius Berg [L. S.] (ex Spelter) 1932:459, Fig. 394 [Les poissons des eaux douces de l'U.R.S.S. Part 1; ref. [278](#)] Lake Sary-chilek. •Synonym of *Schizothorax intermedius* McClelland 1842, but a valid subspecies as described -- (Berg 1949:716 [ref. [20661](#)]). •?Synonym of *Schizothorax curvifrons* (**Heckel 1838**). **Current status:** Synonym of *Schizothorax curvifrons* (**Heckel 1838**). Cyprinidae: Schizothoracinae. Habitat: freshwater.

Heckel 1838

:

irregularis*, *Schizothorax Day [F.] 1877:787 [Proceedings of the Zoological Society of London 1876 (pt 4) (art. 2) (for 5 Dec. 1876); ref. [14207](#)] Tash-kurghan, Afghanistan. Holotype (unique): BMNH 1889.2.1.4380 (dry). Day specimens: BMNH uncat. (skin, not seen), ZSI 3202 (1, lost). Type catalog: Whitehead & Talwar 1976:155 [ref. [23762](#)]. Reasons for loss of ZSI type specimens during WWII see Chopra 1947:349-350 [ref. [33077](#)]. •Synonym of *Schizothorax intermedius* McClelland 1842 -- (Berg 1949:713 [ref. [20661](#)]). •Synonym of *Racoma intermedia* (McClelland 1842) -- (Wu & Wu 1992:329 [ref. [21205](#)]). •?Synonym of *Schizothorax curvifrons* (**Heckel 1838**). **Current status:** Synonym of *Schizothorax curvifrons* (**Heckel 1838**). Cyprinidae: Schizothoracinae. Habitat: freshwater.

Heckel 1838

:

longipinnis*, *Schizothorax Heckel [J. J.] 1838:27, Pl. 4 [Fische aus Caschmir; ref. [2063](#)] Kashmir. Holotype (unique): NMW 9118. •Valid as *Schizothorax longipinnis* Heckel 1838 -- (Menon 1999:111 [ref. [24904](#)], Rafique 2000:324 [ref. [25220](#)]). •Valid as *Schizothoraichthys longipinnis* (Heckel 1838) -- (Tilak 1987:129 [ref. [23969](#)], Talwar & Jhingran 1991:405 [ref. [20764](#)], Karmakar 2000:30 [ref. [25662](#)]). •Synonym of *Schizothorax curvifrons* (**Heckel 1838**). -- (Kullander et al. 1999:124 [ref. [23689](#)]). •Synonym of *Schizopyge curvifrons* (Heckel 1838). **Current status:** Synonym of *Schizothorax curvifrons* (**Heckel 1838**). Cyprinidae: Schizothoracinae. Habitat: freshwater.

Heckel 1838

:

micropogon*, *Schizothorax Heckel [J. J.] 1838:41, Pl. 8 (fig. 1) [Fische aus Caschmir; ref. [2063](#)] Kashmir. Syntypes: NMW 51632 (1). •Valid as *Schizothorax micropogon* Heckel 1838 -- (Menon 1999:112 [ref. [24904](#)]). •Valid as *Schizothoraichthys micropogon* (Heckel 1838) -- (Tilak 1987:154 [ref. [23969](#)], Tilak 1990:134 [ref. [23720](#)], Talwar & Jhingran 1991:406 [ref. [20764](#)], Karmakar 2000:30 [ref. [25662](#)]). •Valid as *Schizocypris micropogon* (Heckel 1838) -- (Rafique 2000:324 [ref. [25220](#)]). •Synonym of *Schizothorax curvifrons* (**Heckel 1838**) -- (Kullander et al. 1999:124 [ref. [23689](#)]). **Current status:** Synonym of *Schizothorax curvifrons* (**Heckel 1838**). Cyprinidae: Schizothoracinae. Habitat: freshwater.

Heckel 1838

:

minutus*, *Schizothorax (Oreinus) Kessler [K. F.] 1872:55 [11] [Izvestiia Imperatorskago Obschchestva Liubitelei Estestvoznaniia, Antropologii i Etnografii v. 10 (no. 1); ref. [14134](#)] Dznam near Samarkand, Uzbekistan. Holotype (unique): not found at ZIN. On p. 11 of separate. •Synonym of *Schizothorax intermedius* McClelland 1842 -- (Coad 1981:12 [ref. [22348](#)]). •?Synonym of *Schizothorax curvifrons* (**Heckel 1838**). **Current status:** Synonym of *Schizothorax curvifrons* (**Heckel 1838**). Cyprinidae: Schizothoracinae. Habitat: freshwater.

Heckel 1838

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plagiostomus*, *Oreinus McClelland [J.] 1842:581 [Calcutta Journal of Natural History v. 2 (no. 8); ref. [2926](#)] Helmand River at Girdun Dewar, Afghanistan. No types known. •Questionably a synonym of *Schizothorax intermedius* McClelland 1842 -- (Berg 1949:713 [ref. [20661](#)]). •Synonym of *Schizothorax intermedius* McClelland 1842 -- (Coad 1981:12 [ref. [22348](#)]). •Synonym of *Schizothorax curvifrons* (**Heckel 1838**). •Valid as *Schizothorax plagiostomus* (McClelland 1842) -- (Javed 2012:178 [ref. [32743](#)] [error in record]). **Current status:** Synonym of *Schizothorax plagiostomus* Heckel 1838. Cyprinidae: Schizothoracinae. Habitat: freshwater.

Heckel 1838

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schumacheri*, *Schizothorax Fowler [H. W.] & Steinitz [H.] 1956:265, Figs. 12-16 [Bulletin of the Research Council of Israel v. 5B (no. 3-4); ref. [1478](#)] Zabol, 31°02'N, 61°30'E, Sisten, eastern Iran. Holotype: ANSP 71950. Paratypes: ANSP 71951 (1). Type catalog: Böhlke 1984:90 [ref. [13621](#)]. •Synonym of *Schizothorax plagiostomus* Heckel 1838 -- (Coad 1981:13 [ref. [22348](#)]). •Questionably a synonym of *Schizothorax intermedius* (McClelland 1842) -- (Coad 1995:20 [ref. [23608](#)]). •?Synonym of *Schizothorax curvifrons* (**Heckel 1838**). •Synonym of *Schizothorax intermedius* McClelland & Griffith 1842 -- (Esmaeili et al. 2010:371 [ref. [33391](#)], Jouladeh-Roudbar et al. 2015:879 [ref. [34062](#)], Esmaeili et al. 2017:57 [ref. [35254](#)], Esmaeili et al. 2018:37 [ref. [36089](#)]). **Current status:** Synonym of *Schizothorax intermedius* McClelland & Griffith 1842. Cyprinidae: Schizothoracinae. Habitat: freshwater.

Heckel 1838

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itacua*, *Hypostomus Valenciennes [A.] 1836:Pl. 7 (fig. 1) [Voyage dans l'Amérique méridionale; ref. [20720](#)] Affluents of the Rio de la Plata. No types known. Type information: Isbrücker 1980:50 [ref. [2303](#)] but there would be a unique holotype (figured specimen), not syntypes, Ferraris 2007:217 [ref. [29155](#)]. Name available from plate, description in Valenciennes 1847:8 [ref. [5010](#)]. See also Valenciennes in Cuvier & Valenciennes 1840:505 [ref. [1008](#)]. See Weber in Reis et al. 2003:351 [ref. [27061](#)]. Pl. 7 was published in 1836. •Species *incertae sedis* in Loricariidae, subfamily Hypostominae -- (Weber in Reis et al. 2003:351 [ref. [27061](#)]). •Valid as *Hemiancistrus itacua* (Valenciennes 1836) -- (Isbrücker 1980:50 [ref. [2303](#)], Burgess 1989:434 [ref. [12860](#)], Cardoso & Malabarba 1999:156 [ref. [24148](#)], Isbrücker 2001:27, 28 [ref. [25653](#)], Isbrücker 2002:17 [ref. [27178](#)], Cardoso & Lucinda 2003:74 [ref. [26858](#)], Armbruster 2004:79 [ref. [27644](#)]). •*Incertae sedis* in Loricariidae -- (Ferraris 2007:217 [ref. [29155](#)]). •Valid as *Hypostomus itacua* (**Valenciennes 1836**) *incertae sedis* -- (Armbruster et al. 2015:100 [ref. [33670](#)], Koerber 2014:9 [ref. [33621](#)], Mirande & Koerber 2015:42 [ref. [35117](#)]). **Current status:** Valid as *Hypostomus itacua* (**Valenciennes 1836**). Loricariidae: Hypostominae. Distribution: Middle Paraná River basin: Argentina, Brazil (?) and Paraguay (?). Habitat: freshwater.

Valenciennes 1836

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jerdoni*, *Garra Day [F.] 1867:288 [Proceedings of the Zoological Society of London 1867 (pt 2) (art. 5); ref. [14043](#)] Seegoor River and Bowany River, India. Syntypes and/or Day specimens: AMS B.7677 (1, non-type) Bowany; BMNH 1867.7.24.30 (1), 1975.9/30.5 (1); ZSI F1507 (1) Bhavani R., Nilgris. Type catalog: Menon & Yazdani 1968:110 [ref. [20743](#)] with a holotype, but original description says specimens from 2 to 4 5/10 inches, Whitehead & Talwar 1976:155 [ref. [23762](#)], Ferraris et al. 2000:298 [ref. [25110](#)]. •Synonym of *Garra mccllelandi* (Jerdon 1849) -- (Menon 1999:147 [ref. [24904](#)]). •Valid as *Garra jerdoni* Day 1867 -- (Arunachalam & Nandagopal 2014:49 [ref. [33405](#)]). **Current status:** Valid as *Garra jerdoni* (**Day 1867**). Cyprinidae: Labeoninae. Habitat: freshwater.

Day 1867

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ruhoi*, *Nothobranchius McKeel [H.] 1982 [Freshwater and Marine Aquarium v. 5 (no. 8); ref. [26038](#)] Based on *Nothobranchius* sp. Ruhoi, **not an correct** original description, not available. •In the synonymy of *Nothobranchius eggersi* Seegers 1982 -- (Lazara 2001:218 [ref. [25711](#)]). **Current status:** Synonym of *Nothobranchius eggersi* Seegers 1982. Nothobranchiidae.

not a correct

kerri, *Danio* Smith [H. M.] 1931:6 [Proceedings of the United States National Museum v. 79 (no. 2873); ref. 4047] Pool in hill stream, Koh Yao Yai, Phuket, Thailand. Holotype: KUMF 0160 [ex USNM 90289]. Paratypes or additional material: ?KUMF 0161 (2). Type catalog: Monkolprasit 1969:4 [ref. 23217], Monkolprasit 1969:5 [ref. 25088]. •Valid as *Brachydanio kerri* (Smith 1931) -- (Doi 1997:4 [ref. 22832], Kottelat 2013:83 [ref. 32989]). •Valid as *Danio kerri* Smith 1931 -- (Fang 2000:25 [ref. 24479], Fang 2001:17 [ref. 25285], Sanger & McCune 2002:531 [ref. 26219], Fang et al. 2009:16 [ref. 29983], Kullander & Fang 2009:47 [ref. 30285], Kullander & Britz 2015:246 [ref. 33764]). **Current status:** Valid as *Danio kerri* (**Smith 1931**). Danionidae: Danioninae. Distribution: Thailand. Habitat: freshwater.

Smith 1931

:

laterimaculata, *Cobitis* Yan [J.-P.] & Zheng [M.-L.] 1984:82 [84], Fig. 1 [Acta Zoologica Sinica v. 30 (no. 1); ref. 8194] Yongjiang River at Xikou, Fenghua County, Zhejiang Province, China. Holotype: ZFC 821138. Paratypes: ZFC 825001-18 (18), 827019 (1), 827020-37 (18), 821139-43 (5). •Valid as *Niwaella laterimaculata* (Yan & Zheng 1984) -- (Son & He 2001:4 [ref. 25331], Chen & Chen 2005:1645 [ref. 28174], Son & He 2005:239 [ref. 29190], Kottelat 2012:37 [ref. 32367] with question, Chen et al. 2017:505 [ref. 35645]). •Valid as *Cobitis laterimaculata* Yan & Zheng 1984 -- (Zhu 1995:126 [ref. 25213], Kim et al. 1999:375 [ref. 25348], Zhang et al. 2016:151 [ref. 34477]). **Current status:** Valid as *Cobitis laterimaculata* (**Yan & Zheng 1984**). Cobitidae. Distribution: Yongjiang River basin, China. Habitat: freshwater.

Yan & Zheng 1984.

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mirifica, *Quinca* Mees [G. F.] 1966:83, Fig. 1 [Journal of the Royal Society of Western Australia v. 49 (pt 3); ref. 2968] Cockatoo Island, Yampi Sound, Kimberley Division, Western Australia. Holotype (unique): WAM P.5787-001. Type catalog: Hutchins & Smith 1991:24 [ref. 19335], Moore et al. 2008:26 [ref. 30117]. •Valid as *Pterapogon mirifica* (Mees 1966) -- (Allen & Swainston 1988:64 [ref. 25477], Paxton et al. 1989:556 [ref. 12442], Allen 1997:100 [ref. 23977], Allen 1999:2609 [ref. 24812], Allen et al. 2006:1107 [ref. 29004]). •Valid as *Quinca mirifica* Mees 1966 -- (Hutchins 2001:32 [ref. 25847], Vagelli 2014:1 [ref. 33144], Mabuchi et al. 2014:202 [ref. 33426], Mabuchi et al. 2015:46 [ref. 34429]). **Current status:** Valid as *Quinca mirifica* (**Mees 1966**). Apogonidae: Apogoninae. Distribution: Eastern Indian Ocean: northern Western Australia. Habitat: marine.

Mees 1966

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pleurotaenia, *Piabucina* Regan [C. T.] 1903:623 [Annals and Magazine of Natural History (Series 7) v. 12 (no. 72) (art. 64); ref. 13401] Merida, Venezuela, elevation 1600 meters. Syntypes: (6) BMNH 1903.4.28.39-40 (2). •Synonym of *Lebisiana erythrinoides* (Valenciennes 1850) -- (Taphorn 1992:468 [ref. 23654], DoNascimento et al. 2017:[5] [ref. 35679]). •Synonym of *Piabucina erythrinoides* (Valenciennes 1850) --

(Taphorn & Lilyestrom 1980:335 [ref. 30064]). •Valid as *Piabucina pleurotaenia* Regan 1903 -- (Galvis et al. 1997:32 [ref. 23651], Weitzman & Weitzman in Reis et al. 2003:247 [ref. 27061]). **Current status:** Valid as *Piabucina pleurotaenia* (**Regan 1903**). Lebiasinidae: Lebiasininae. Distribution: Mérida and Catatumbo River basins: Colombia and Venezuela. Habitat: freshwater.

Regan 1903

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shunkan, Callogobius Takagi [K.] 1957:112, Pl. 5 (fig. d); Fig. 4 [Journal of the Tokyo University of Fisheries v. 43 (no. 1); ref. 4310] Matsugaura, Chiran, Kagoshima Prefecture, Japan. Holotype: LFBKU. Paratypes: (1) LFBKU. Species misspelled as *sunkan* on plate caption. •Synonym of *Callogobius maculipinnis* (Fowler 1918) -- (McKinney & Lachner 1984:627 [ref. 21192], Goren et al. 1991:299 [ref. 19765]). •Valid as *Callogobius shunkum* (**Takagi 1957**) -- (Delventhal & Mooi 2013:156 [ref. 32677], Motomura et al. 2015:29 [ref. 34709]). **Current status:** Valid as *Callogobius shunkan* (**Takagi 1957**). Gobiidae: Gobiinae. Distribution: Japan. Habitat: marine.

Takagi 1957

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andhrae, Apogon Dutt [S.] & Radhakrishna Rao [M. P. R.] 1980:743, Fig. 1a [Journal of Natural History v. 14 (no. 5); ref. 8723] Visakhapatnam, India. Holotype: BMNH 1978.12.18.1 (82 mm). Paratypes: (6) BMNH 1978.12.18.2 (1); plus additional material (12). •Synonym of *Apogon smithi* (**Kotthaus 1970**) -- (Gon 1997:177 [ref. 23065]). •Synonym of *Jaydia smithi* (**Kotthaus 1970**). **Current status:** Synonym of *Jaydia smithi* (**Kotthaus 1970**). Apogonidae: Apogoninae. Habitat: marine.

Kotthaus 1970

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hungi, Jaydia Fourmanoir [P.] 1967:265, Fig. 1 [Bulletin du Muséum National d'Histoire Naturelle (Série 2) v. 39 (no. 2); ref. 7960] Gulf of Suez, Egypt, Red Sea. Holotype (unique): MNHN 1965-0711. Based on literature sources and one specimen. Subjectively invalid; secondarily preoccupied in *Apogon* by *Apogon hungi* Fourmanoir & Do-Thi 1965. •Valid as *Apogon hungi* (Fourmanoir 1967) -- (Dor 1984:113 [ref. 29757], Goren & Dor 1994:30 [ref. 25356]). •Synonym of *Apogon smithi* (Kotthaus 1970) -- (T. Fraser, pers. comm. 9/2000). •In the synonymy of *Apogon smithi* (Kotthaus 1970) -- (Gon & Randall 2003:24 [ref. 26750]). •Synonym of *Jaydia smithi* (**Kotthaus 1970**). **Current status:** Synonym of *Jaydia smithi* (**Kotthaus 1970**). Apogonidae: Apogoninae. Habitat: marine.

Kotthaus 1970

:

smithi, Jaydia Kotthaus [A.] 1970:59, Fig. 238 [Meteor Forschungsergebnisse. Reihe D, Biologie No. 6; ref. 21596] Gulf of Aden, Somali coast, northwestern Indian Ocean, 11°17.9'N, 49°01.3'E to 11°18.2'N, 49°04'E, depth 42 meters. Holotype: ZMH 5033 [ex IOES 120a]. Paratypes: ZMH 5034 [ex IOES 120b-y] (24). Type catalog: Wilkens & Dohse 1993:417 [ref. 21161]. •Valid as *Apogon smithi* (Kotthaus 1970) -- (Gon 1997:177 [ref. 23065], Adam et al. 1998:12 [ref. 23610], Myers 1999:125 [ref. 23965], Fraser 2000:252 [ref. 24412], Gon & Randall 2003:24 [ref. 26750], Manilo & Bogorodsky 2003:S106 [ref. 27377], Shao et al. 2008:250 [ref. 29952], Yoshida et al. 2013:108 [ref. 34464], Irmak & Engin 2015:186 [ref. 33909]). •Valid as *Jaydia*

smithi (**Kotthaus 1970**) -- (Mabuchi et al. 2014:202 [ref. 33426], Bogorodsky et al. 2014:420 [ref. 33460], Fraser & Prokofiev 2016:239 [ref. 34742], Yu et al. 2016:3 [ref. 34816], Motomura et al. 2017:98 [ref. 35490], Bogorodsky & Randall 2018:[20] 258 [ref. 36492], Golani & Fricke 2018:75 [ref. 36273]). **Current status:** Valid as *Jaydia smithi* (**Kotthaus 1970**). Apogonidae: Apogoninae. Distribution: Red Sea, Indo-West Pacific: Gulf of Oman east to Philippines and Marshall Islands, north to Taiwan; Mediterranean Sea (Red Sea immigrant). Habitat: marine.

Kotthaus 1970

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tenuis, *Hymenocephalus* Gilbert [C. H.] & Hubbs [C. L.] 1917:173 [Proceedings of the United States National Museum v. 54 (no. 2231); ref. 15093] Off southern coast of Oahu Island, Hawaiian Islands, Albatross station 3920, depth 265-280 fathoms. Holotype (unique): USNM 78177. •Valid as *Hymenocephalus tenuis* Gilbert & Hubbs 1917 -- (Iwamoto in Cohen et al. 1990:230 [ref. 18936], Mundy 2005:252 [ref. 28379]). •Valid as *Hymenogadus tenuis*(Gilbert & Hubbs 1917) -- (Schwarzahns 2014:26 [ref. 33586]). **Current status:** Valid as *Hymenocephalus tenuis* (**Gilbert & Hubbs 1917**). Macrouridae: Macrourinae. Distribution: Hawaiian Islands. Habitat: marine.

Gilbert & Hubbs 1917

:

thoburni, *Mugil* Jordan [D. S.] & Starks [E. C.] in Jordan & Evermann 1896:812 [Bulletin of the United States National Museum No. 47; ref. 2443] Galápagos Islands. Lectotype: USNM 47576 [ex CAS-SU 1607]. Paralectotypes: CAS-SU 1607 (now 1), ZMB 15441 [ex SU] (1). Type catalog: Böhlke 1953:64 [ref. 12291]. Also described as new in Gilbert 1897:440 [ref. 1629] where lectotype was established by use of "type". •Valid as *Xenomugil thoburni* (Jordan & Starks 1896) -- (Allen & Robertson 1994:194 [ref. 22193], Harrison in Fischer et al. 1995:1298 [ref. 22830], Grove & Lavenberg 1997:464 [ref. 24023], Chirichigno F. & Vélez D. 1998:198 [ref. 24555], Nelson et al. 2004:97 [ref. 27807], Page et al. 2013:99 [ref. 32708], Fourrière et al. 2016:442 [ref. 34668], Del Moral-Flores et al. 2016:607 [ref. 34923], González-Murcia et al. 2019:294 [ref. 36544]). •Valid as *Mugil thoburni* Jordan & Starks 1896 -- (Thomson 1997:493 [ref. 23428], Castro-Aguirre et al. 1999:180 [ref. 24550], McCosker & Rosenblatt 2010:190 [ref. 30957], Durand et al. 2012:694 [ref. 32366], Durand & Borsa 2015:268 [ref. 34115], Durand 2016:32 [ref. 35589]). **Current status:** Valid as *Mugil thoburni* (**Jordan & Starks 1896**). Mugilidae. Distribution: Eastern Pacific. Habitat: marine.

Jordan & Starks 1896

:

tokionis, *Tetronarce* Tanaka [S.] 1908:2, Figured [Journal of the College of Science. Imperial University, Tokyo v. 23 (art. 7); ref. 6032] Tokyo fish market, Japan. Holotype: ZUMT 917 (lost). Paratypes: ZUMT (2, lost). •Valid as *Torpedo tokionis* (Tanaka 1908) -- (Nakaya in Amaoka et al. 1983:51, 167 [ref. 8379], Nakaya in Masuda et al. 1984:12 [ref. 6441], Nakaya in Okamura & Kitajima 1984:61, 305 [ref. 8057], Compagno 1999:487 [ref. 25589], Nakabo 2000:162 [ref. 25086], Compagno in Randall & Lim 2000:581 [ref. 25122], Shinohara et al. 2001:290 [ref. 25995], Nakabo 2002:162 [ref. 26001], Carvalho et al. 2002:31 [ref. 26091], Shinohara et al. 2005:397 [ref. 28370], Haas & Ebert 2006:2 [ref. 28818], Shinohara et al. 2014:234 [ref. 33330]). •Valid as *Tetronarce tokionis* (**Tanaka 1908**) -- (Ebert et al. 2013:342 [ref. 33045], Ebert et al. 2015:245 [ref. 33710], Last & Stewart 2015:171 [ref. 34224] as cf. *tokionis*, Dyldin 2015:59 [ref. 34524], Weigmann 2016:78 [ref. 34211], Carvalho et al. 2016:192 [ref. 34999]). **Current status:** Valid as *Tetronarce tokionis* (**Tanaka**

1908). Torpedinidae. Distribution: Western North Pacific and eastern Indian Ocean [Ebert 2014]. Japan to Taiwan [ref. 34999]. Habitat: marine.

Tanaka 1908

:

viedmensis, Diplomystes MacDonagh [E. J.] 1931:65 [Notas Preliminares del Museo de La Plata v. 1; ref. 16301] Río Negro, vicinity of Viedma, Province of Río Negro, Argentina. Holotype: MLP 214 [ex 19-III-31.3]. Paratypes: MLP 8966 [ex MCILP 19-III-31-1] (1); ?MCLIP 19-III-31-2 (1). Type catalog: Ferraris 2007:166 [ref. 29155], Miquelarena & Nadalin 2014:10 [ref. 33466]. •Valid as *Diplomystes viedmensis* MacDonagh 1931 -- (Arratia 1987:68 [ref. 5957], Burgess 1989:25 [ref. 12860], Azpelicueta 1994:224 [ref. 22312], Azpelicueta 1994:12 [ref. 22377], Azpelicueta & Gosztonyi 1998:901 [ref. 25377], López et al. 2002:60 [ref. 26808], Lundberg et al. 2004:72 [ref. 27673], Menni 2004:79 [ref. 28131], Muñoz-Ramírez et al. 2014:146 [ref. 33192], Mirande & Koerber 2015:28 [ref. 35117]). •Valid as *Olivaichthys viedmensis* (MacDonagh 1931) -- (de Pinna 1998:291 [ref. 23847] on Arratia 1987, Ferraris in Reis et al. 2003:256 [ref. 27061], López et al. 2003:37 [ref. 27366], Ferraris 2007:166 [ref. 29155], Arratia & Quezada-Romegialli 2017:6 [ref. 35155]). **Current status:** Valid as *Olivaichthys viedmensis* (**MacDonagh 1931**). Diplomystidae. Distribution: Negro River and tributaries, Argentina and Chile. Habitat: freshwater.

MacDonagh 1931

:

multifasciata, Adinia Girard [C. F.] 1859:118 [Proceedings of the Academy of Natural Sciences of Philadelphia v. 11; ref. 27410] Galveston, St. Joseph's Island and Indianola, Texas, U.S.A. Syntypes: ANSP 7291-92 (2). Type catalog: Böhlke 1984:97 [ref. 13621]. At one time, secondarily preoccupied in *Fundulus* by *Hydrargyra multifasciata* Lesueur 1817 and replaced by *Fundulus xenicus* Jordan & Gilbert 1882. The name *Adinia xenica* is in current use by most authors and should be retained (see Art. 59.3), with *Adinia multifasciata* in synonymy. *Hydrargyra multifasciatus* Lesueur 1817 is a synonym in the genus *Fundulus*. •Valid as *Adinia multifasciata* Girard 1859 -- (Parenti 1981:498 [ref. 7066]). •Synonym of *Adinia xenica* (Jordan & Gilbert 1882) -- (Wildekamp 1993:16 [ref. 26378], Lazara 2001:3 [ref. 25711]). **Current status:** Synonym of *Fundulus xenicus* (**Jordan & Gilbert 1882**). Fundulidae. Habitat: freshwater, brackish, marine.

xenicus, Fundulus Jordan [D. S.] & Gilbert [C. H.] 1882:255 [Proceedings of the United States National Museum v. 5 (no. 282); ref. 2472] Laguna Grande at Pensacola in salt water, Florida, U.S.A. Syntypes: (many) MCZ 35972 [ex USNM 30841] (5), MCZ 36005 [ex USNM 30821] (7), USNM 29668, USNM 30821, USNM 30841. Genus misprinted *Fundnlus* in original description. Replacement name for *Adinia multifasciata* Girard 1860, at one time secondarily preoccupied in *Fundulus* by *Hydrargyra multifasciata* Lesueur 1817. The name *xenica* is in current use and should be retained (see Art. 59.3), with *Adinia multifasciata* in synonymy, •Valid as *Adinia xenica* (Jordan & Gilbert 1882) -- (Parenti 1981:498 [ref. 7066], Robins & Ray 1986:108 [ref. 23100], Boschung 1992:85 [ref. 23239], Wildekamp 1993:16 [ref. 26378], McEachran & Feckhelm 1998:904 [ref. 23897], Lazara 2001:3 [ref. 25711], Ross et al. 2001:352 [ref. 25978], Wiley & Ghedotti 2003:1150 [ref. 27020], Nelson et al. 2004:101 [ref. 27807], Boschung & Mayden 2004:376 [ref. 27995], Lang et al. 2011:2 [ref. 31335], Page et al. 2013:105 [ref. 32708]). •Valid as *Fundulus xenicus* (Jordan & Gilbert 1882) -- (Ghedotti & Davis 2013:58 [ref. 32490] in subgenus *Zygonectes*, Robins et al. 2018:214 [ref. 35886]). **Current status:** Valid as *Fundulus xenicus* (**Jordan & Gilbert 1882**). Fundulidae. Distribution: Southeastern U.S.A. Habitat: freshwater, brackish, marine.

Jordan & Gilbert 1882

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nematopus, Neetroplus Günther [A.] 1867:603 [Proceedings of the Zoological Society of London 1866 (pt 3); ref. [1984](#)] Lake Managua, Nicaragua. Holotype (unique): BMNH 1865.7.20.35. Described in more detail in Günther 1868:470, Pl. 74 (fig. 4) [ref. [1994](#)]. •Valid as *Hypsophrys nematopus* (Günther 1867) -- (Chakrabarty & Sparks 2007:59 [ref. [29184](#)], Schmitter-Soto 2007:65 [ref. [29310](#)], Schmitter-Soto 2007:43 [ref. [29317](#)], Angulo et al. 2013:1005 [ref. [33194](#)]). •Valid as *Neetroplus nematopus* Günther 1867 -- (Bussing 1987:226 [ref. [22927](#)], Conkel 1993:184 [ref. [22949](#)], Kullander & Hartel 1997:195 [ref. [22732](#)], Bussing 1998:357 [ref. [24179](#)], Burgess 2000:54 [ref. [24818](#)], Kullander in Reis et al. 2003:640 [ref. [27061](#)], Říčan et al. 2016:35 [ref. [34357](#)]). **Current status:** Valid as *Neetroplus nematopus* (**Günther 1867**). Cichlidae: Cichlinae. Distribution: Atlantic slope of Nicaragua and western Costa Rica: Costa Rica and Nicaragua. Habitat: freshwater.

Günther 1867

:

multifasciata, Cobitis Wakiya [Y.] & Mori [T.] 1929:1, Pl. 2 (fig. 1) [Journal of the Chosen Natural History Society No. 9; ref. [12418](#)] Rakuto River, Korea. Holotype: whereabouts unknown. Paratypes: (many) NRM 15557 (2), CAS-SU 23970 (1). Type catalog: Böhlke 1953:39 [ref. [12291](#)]. Original species should have been *multifasciatus*. •Valid as *Niwaella multifasciata* (Wakiya & Mori 1929) -- (Kim & Lee 1995:289 [ref. [22178](#)], Kim 1997:312 [ref. [24032](#)], Shimizu et al. 1998:381 [ref. [23635](#)], Kim et al. 2000:224 [ref. [25434](#)], Son & He 2001:4 [ref. [25331](#)], Kim & Park 2002:230 [ref. [25913](#)], Youn 2002:178, 520 [ref. [26218](#)], Jang et al. 2003:119 [ref. [27681](#)], Chen & Chen 2005:1645 [ref. [28174](#)]). •Valid as *Kichulchoia multifasciata* (Wakiya & Mori 1929) -- (Kim 2009:17 [ref. [30457](#)], Kottelat 2012:31 [ref. [32367](#)]). •Valid as *Cobitis multifasciata* (Wakiya & Mori 1929) -- (Perdices et al. 2016:7 [ref. [34266](#)]). **Current status:** Valid as *Cobitis multifasciata* (**Wakiya & Mori 1929**). Cobitidae. Distribution: Korea. Habitat: freshwater.

Wakiya & Mori 1929

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parnaibensis, Cynolebias Costa [W. J. E. M.], Ramos [T. P. A.], Alexandre [L. C.] & Ramos [R. T. C.] 2010:284, Fig. 1 [Neotropical Ichthyology v. 8 (no. 2); ref. [30866](#)] Seasonal lagoon at the right side of the road between Conceição do Canindé and Jacobina do Piauí, 8°00'54"S, 41°25'26"W, Município de Jacobina do Piauí, Estado do Piauí, Brazil. Holotype: UFPB 6719. Paratypes: UFPB 6709 (6), 6734 (2), 6735 (3, 2 c&s), 6736 (2). •Valid as *Cynolebias parnaibensis* Costa, Ramos, Alexandre & Ramos 2010 -- (Costa 2014:80 [ref. [33510](#)], Ramos et al. 2014:4 [ref. [35321](#)]). **Current status:** Valid as *Cynolebias parnaibensis* (**Costa, Ramos, Alexandre & Ramos 2010**). Rivulidae: Cynolebiinae. Distribution: Northeastern Brazil. Habitat: freshwater.

Costa, Ramos, Alexandre & Ramos 2010

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jerdoni, Garra Day [F.] 1867:288 [Proceedings of the Zoological Society of London 1867 (pt 2) (art. 5); ref. [14043](#)] Seegoor River and Bowany River, India. Syntypes and/or Day specimens: AMS B.7677 (1, non-type) Bowany; BMNH 1867.7.24.30 (1), 1975.9/30.5 (1); ZSI F1507 (1) Bhavani R., Nilgris. Type catalog: Menon & Yazdani 1968:110 [ref. [20743](#)] with a holotype, but original description says specimens from 2 to 4 5/10 inches, Whitehead & Talwar 1976:155 [ref. [23762](#)], Ferraris et al. 2000:298

[ref. [25110](#)]. •Synonym of *Garra maclellandi* (Jerdon 1849) -- (Menon 1999:147 [ref. [24904](#)]). •Valid as *Garra jerdoni* Day 1867 -- (Arunachalam & Nandagopal 2014:49 [ref. [33405](#)]). **Current status:** Valid as *Garra jerdoni* (**Day 1867**). Cyprinidae: Labeoninae. Habitat: freshwater.

Day 1867

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semiocellatus, Spectrolebias Costa [W. J. E. M.] & Nielsen [D. T. B.] 1997:259, Figs. 1-2 [Ichthyological Exploration of Freshwaters v. 7 (no. 3); ref. [22744](#)] Rio Araguaia Basin, Brazil. Holotype: MZUSP 50654. Paratypes: MZUSP 50655 (3); UFRJ 3632 (6), 3633 (5, c&s). •Valid as *Simpsonichthys semiocellatus* (Costa & Nielsen 1997) -- (Costa 2006:17 [ref. [28620](#)], Costa 2007:52 [ref. [29445](#)], Costa & Brasil 2008:245 [ref. [29968](#)]). •Valid as *Spectrolebias semiocellatus* Costa & Nielsen 1997 -- (Costa 1998:74 [ref. [23792](#)], Costa & Le Bail 1999:1028 [ref. [24187](#)], Lazara 2001:301 [ref. [25711](#)], Costa et al. 2003:144 [ref. [26946](#)], Costa in Reis et al. 2003:542 [ref. [27061](#)], Nielsen 2013:81 [ref. [32696](#)], Niesen & Brousseau 2013:116 [ref. [32794](#)], Costa & Amorim 2018:365 [ref. [36019](#)]). **Current status:** Valid as *Spectrolebias semiocellatus* (**Costa & Nielsen 1997**). Rivulidae: Cynolebiinae. Distribution: Araguaia River basin, central Brazil. Habitat: freshwater.

Costa & Nielsen 1997

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zispi, Traccatichthys Prokofiev [A. M.] 2004:158, Fig. 2 [Voprosy Ikhtiologii v. 44 (no. 3); ref. [27665](#)] Hainan Island, China. Holotype: ZIN 46740. Paratypes: ZIN 46740a (1). •Doubtfully as a synonym of *Traccatichthys taeniatus* (Pellegrin & Chevey 1936) -- (Kottelat 2012:121 [ref. [32367](#)]). •Valid as *Traccatichthys zispi* (Prokofiev 2004) -- (Du et al. 2012:304 [ref. [32340](#)], Kottelat 2013:213 [ref. [32989](#)], Endruweit 2014:152 [ref. [33205](#)]). •Valid as *Micronemacheilus zispy* Prokofiev 2004 -- (Zhang et al. 2016:129 [ref. [34477](#)]). **Current status:** Valid as *Traccatichthys zispi* (**Prokofiev 2004**). Nemacheilidae. Distribution: Hainan Island, China. Habitat: freshwater.

Prokofiev 2004

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In References you have:

**11 occurrences of T.-Y. Liao and
2 of T. Y. Liao**

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DATA CONFLICT and error in next 2 records

coerulea, Coryphaena Edwards [M.] in Catesby 1771:cat. 1 [The natural history of

Carolina, Florida and the Bahama Islands; ref. 774] Bahamas. No types known. Catesby 1771 is a rejected work, and unavailable (Opinions 89 and 259) but the appendix by Edwards is available. On *Novacula caerulea* Catesby, Nat. Hist. Carolina 1743, 18 pl. 18. Bahamas. This species should date to authorship as above and not to Bloch 1786, unless current usage is maintained. •Uncertain as *Scarus coeruleus* (Edwards 1771) -- (currently dated to (Bloch 1786); see that account). **Current status: Uncertain as *Scarus coeruleus* (Edwards 1771)**. Scaridae: Scarinae. Distribution: Western Atlantic (if treated as valid). Habitat: marine.

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coerulea, Coryphaena Bloch [M. E.] 1786:148, Pl. 176 [Naturgeschichte der ausländischen Fische v. 2; ref. 465] Bahamas and Antilles. No types known. On p. 120 of Bloch's Ichthyologie, v. 5 [ref. 21381]. This species dates to Edwards 1771 and not to Bloch 1786 unless the ICZN is petitioned or continued usage maintained. Catesby 1771 is a rejected work, and unavailable (Opinions 89 and 259) but the appendix by Edwards is available. *Coryphaena coerulea* Bloch 1786 is a primary homonym of *Coryphaena coerulea* Edwards 1771. Spelled *caerulea* by Bonnaterre 1788:59 [ref. 4940] and Lacepède 1801:175, 200 [ref. 2710]. •**Valid as *Scarus coeruleus* (Edwards 1771)** or (Bloch 1786) -- (Cervigón 1992:392 [ref. 23827], Bellwood 1994:67 [ref. 19116], Cervigón 1994:31 [ref. 24488], Smith-Vaniz et al. 1999:299 [ref. 25013], Parenti & Randall 2000:55 [ref. 24943], Schmitter-Soto et al. 2000:164 [ref. 27754], Collette et al. 2003:116 [ref. 26784], Westneat 2003:1730 [ref. 27105], Smith et al. 2003:45 [ref. 27621], Nelson et al. 2004:156 [ref. 27807], McEachran & Fechhelm 2005:534 [ref. 28815], Page et al. 2013:160 [ref. 32708], Smith-Vaniz & Jelks 2014:64 [ref. 33341], Robertson et al. 2016:147 [ref. 34961]). **Current status: Valid as *Scarus coeruleus* (Edwards 1771)**. Scaridae: Scarinae. Distribution: Western Atlantic. Habitat: marine.

Synonym of *Scarus coeruleus* (Edwards 1771)

OR

Valid as *Scarus coeruleus* (Bloch 1786)

OR

Uncertain as *Scarus coeruleus* (Edwards 1771)

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reba, Cyprinus Hamilton [F.] 1822:280, 386 [An account of the fishes found in the river Ganges; ref. 2031] Bengal and Behar, India. No types known. •Synonym of *Cirrhinus ariza* (Hamilton 1807) -- (Roberts 1997:183 [ref. 23550]). •Valid as *Cirrhinus reba* (Hamilton 1822) -- (Shrestha 1978:35 [ref. 15970], Aatur Rahman 1989:123 [ref. 24860], Coad 1981:10 [ref. 22348], Talwar & Jhingran 1991:173 [ref. 20764], Indra 1994:413 [ref. 24015], Sen 1995:503 [ref. 23778], Doi 1997:4 [ref. 22832], Manimekalan 1998:434 [ref. 24989], Sen 1999:191 [ref. 24750], Rema Devi & Raghunathan 1999:151 [ref. 24759], Menon 1999:123 [ref. 24904], Rafique 2000:323 [ref. 25220], Mirza 2000:355 [ref. 25207], Karmakar 2000:28 [ref. 25662], Rafique et al. 2003:97 [ref. 27173], Mirza 2003:6 [ref. 27265], Yadav 2003:9 [ref. 27711], Aatur Rahman 2003:141 [ref. 31338], Shrestha 2008:60 [ref. 29923], Ahmed et al. 2013:285 [ref. 32872], Suresh et al. 2018:97 [ref. 36495]). **Current status: Valid as *Cirrhinus reba* (Hamilton 1807)**. Cyprinidae: Labeoninae. Distribution: India, Pakistan, Nepal, Sri Lanka and Bangladesh. Habitat: freshwater.

(Hamilton 1822)

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lichtensteinii, Hippocampus Kaup [J. J.] 1856:8 [Catalogue of lophobranchiate fish in the collection of the British Museum; ref. 2575] Locality not stated (probably from the Red Sea? or Japan). Syntypes: (3) ZMB 4317 (2). •Valid as *Hippocampus lichtensteinii* Kaup 1856 -- (Lourie et al. 1999:111 [ref. 23993], Goren & Dor 1994:20 [ref. 25356], Kuitert 2009:128 [ref. 30404], Hamilton et al. 2016:Supplement 2 [ref. 35615]). •Uncertain as *Hippocampus* species inquirenda -- (Lourie et al. 2016:45 [ref. 34632]). **Current status:** Valid as *Hippocampus lichtensteinii* Kaup **1956**. Syngnathidae: Syngnathinae. Distribution: Western North Pacific: Japan?. Habitat: marine.

1856

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Ng, H. H. and J. J. Wright 2010 (10 Nov.) [ref. 31035]

Amblyceps cerinum, a new catfish (Teleostei: Amblycipitidae) from northeastern India. Zootaxa No. 2672: 50-60.

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Ng, H.-H. and [no initials] Lalramliana 2013 (1 July) [ref. 32760]

Glyptothorax radiolus, a new species of sisorid catfish (Osteichthyes: Siluriformes) from northeastern India, with a redescription of *G. striatus* McClelland 1842. Zootaxa 3682 (no. 4): 501-512.

Many occurrences of **Ng, H. H. but as far as I can see, only one occurrence for Ng, H.-H.**

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