

# Catalog of Fishes Errata November C 2018

Dennis Polack Fishwisepro

***sundaicus, 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.

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

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***pilosus, Holocanthus*** Gronow [L. T.] in Gray 1854:28 [Catalogue of fish collected and described by Laurence Theodore Gronow; ref. 1911] Indian Ocean. No types known.

•Synonym of *Arothron manilensis* (Marion de Procé 1822) -- (Kottelat 2013:473 [ref. 32989]). **Current status: *Synonym of Arothron manilensis* (Marion de Procé 1822).**

**Synonym of *Arothron manilensis* (Marion de Procé 1822)**

**Tetraodontidae.**

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***thacbaensis, Tanichthys*** Nguyen [V. H.] & Ngô [S. V.] 2001:47, Fig. 10 [Freshwater fishes of Viet Nam. Volume I. Family Cyprinidae v. 1; ref. 28301] Thác Bà, Yên Bình, Yên Bái, Việt Nam. Holotype: VNCNTTS I: H.01.70.01.01. Paratypes:VNCNTTS I: H.01.70.01.01 [same as holotype] (2). •Valid as *Tanichthys thacbaensis* Nguyen & Ngô 2001 -- (Kottelat 2013:167 [ref. 32989] but questions the genus). **Current**

**status: Valid as *Tanichthys thacbaensis* Nguyen & Ngô 2001.**

Tanichthyidae. Distribution: Yen Bai Province, Thac Ba Lake, Yen Binh, northern Vietnam. Habitat: freshwater.

***Tanichthys thacbaensis* Nguyen & Ngô 2001**

:

***amome, Oligosarcus*** Almirón [A. E.], Casciotta [J. R.], Piálek [L.], Doubnerová [K.] & Řičan [O.] 2015:582, Figs. 1-4 [Zootaxa 3915 (no. 1); ref. 33673] Misiones Province: río Uruguay basin, arroyo Oveja Negra, tributary of Arroyo Yabotí-Guazú, Argentina, 27°08'15.5"S, 53°55'28.8"W. Holotype: MLP 10679. Paratypes: MACN-ict, MLP. Type catalog: Nadalin & López 2015:5 [ref. 34112]. •Placement in *Oligosarcus* is controversial -- (Riveiro & Menezes 2015:41 [ref. 33768]). •Valid as *Oligosarcus amome* Almirón, Casciotta, Piálek, Doubnerová, Řičan 2015 -- (Mirande & Koerber 2015:25 [ref. 35117]). **Current status: Valid as *Oligosarcus amome* Almirón, Casciotta, Piálek,**

***Doubnerová, Řičan* 2015. Characidae: Stethaprioninae. Distribution: Río Uruguay basin, Argentina. Habitat: freshwater.**

***Doubnerová & Řičan***

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***tweediei, Pseudomonacanthus*** Fraser-Brunner [A.] 1940:66, Pl. 22 [Bulletin of the Raffles Museum No. 16; ref. 17235] Singapore. Syntypes: (5) BMNH 1984.1.18 [or 13].273-274 (2), 1984.1.13.277 (1). Additional material (6). •Valid as *Pseudomonacanthus tweediei* Fraser-Brunner 1940 -- (Matsuura 2014:13 [ref. 33576]). **Current status: Valid as *Pseudomonacanthus***

***tweediei* Fraser- Brunner 1940. Monacanthidae. Distribution: Singapore. Habitat: marine.**

***Fraser-Brunner***

**philippinus, Tukugobius** Herre [A. W. C. T.] 1927:124 [Monographs, Bureau of Science Manila Monogr. 23; ref. 2104] Irid River, Santa Ines, Rizal Province, Luzon Island; Banaban River, Angat, Bulacan Province, Philippines. Syntypes: (36) BSMP 12406 and 26469-89 (many) destroyed, seen by Koumans. Additional material: BSMP (50) destroyed. Type catalog: Koumans 1940:184 [ref. 2676]. •Synonym of *Rhinogobius similis* Gill 1859 -- (Okada 1961:659 [ref. 6363]). •Valid as *Rhinogobius philippinus* (Herre 1927) -- (Kottelat 2013:425 [ref. 32989], Takahashi & Okazaki 2017:[3] [ref. 35171], Suzuki et al. 2017:80 [ref. 35202]). •Valid as *Tukugobius philippinus* Herre 1927 -- (Endruweit 2017:558 [ref. 35366]). **Current status:** Valid as *Tukugobius philippinus* **Here** 1927. Gobiidae: Gobionellinae. Distribution: Irid River, Luzon Island, Philippines. Habitat: freshwater.

## Herre

:

**urisa, Melanotaenia** Kadarusman [no initials], Setiawibawa [G.] & Pouyaud [L.] in Kadarusman, Hadiaty, Segura, Setiawibawa, Caruso & Pouyaud 2012:373, Figs. 5-6 [Cybium v. 36 (no. 2); ref. 32099] 3°15.061'S, 133°47.735"E, a karst spring emerging from Berari Anticline at the altitudinal level of Sewiki Lake, 6 km SE from Urisa village, 44 km north of Kaimana, District Arguni Bawah, Papua Barat, Indonesia. Holotype: MZB 17715. Paratypes: MNHN 2010-0031 (5), MZB 20025 (6), RMNH PISC.35877 (5). •Valid as *Melanotaenia urisa* Kadarusman, Setiawibawa & Pouyaud 2012 -- (Nugraha et al. 2015:105 [ref. 33872]). **Current status:** Valid as *Melanotaenia urisa* Kadarusman, Setiawibawa & **Pouyaud** 2012. Melanotaeniidae. Distribution: Arguni region, West Papua, Indonesia. Habitat: freshwater.

## Pouyaud

:

**In the following record I think that the Reference is also wrong**

**sapoliensis, Schismatogobius** Keith [P.], **Dahrudin** [H.], Limmon [G.] & Hubert [N.] 2018:197, Figs. 2-4 [Cybium v. 42 (no. 2); ref. 36051] Samuda, Sapoli, Halmahera, Indonesia. Holotype: MZB 24586. Paratypes: MNHN, MZB. •Valid as *Schismatogobius sapoliensis* Keith, **Dahrudin**, Limmon & Hubert 2018. **Current status:** Valid as *Schismatogobius sapoliensis* Keith, Dahrudin, Limmon & Hubert 2018. Gobiidae: Gobionellinae. Distribution: Halmahera (Moluccas). Habitat: freshwater.

## Darhuddin (Hadi DarHuddin)

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**valencia, Lithogenes** Provenzano [F.], Schaefer [S. A.], Baskin [J. N.] & Royero [R.] 2003:564, Figs. 1-2 [Copeia 2003 (no. 3); ref. 27128] Lago de Valencia basin, Carabobo State, Venezuela. Holotype: MBUCV V-30740 [ex CAS 28361, MBUCV V-7198]. Paratypes: MUBCV V-7198 (1), CAS 28361 (3, 1 c&s). Type catalog: Ferraris 2007:267 [ref. 29155]. Fourth author also spelled Royero-Leon. •Valid as *Lithogenes valencia* Provenzano, Schaefer, Baskin & Royero 2003 -- (Ferraris 2007:267 [ref. 29155], Schaefer & Provenzano 2008:10 [ref. 30039], Reis et al. 2016:16 [ref. 34496]). **Current status:** Valid as *Lithogenes valencia* Provenzano, Schaefer, Baskin & **Royer** 2003. Loricariidae: Lithogeninae. Distribution: Lake Valencia basin, northern Venezuela. Habitat: freshwater.

## Royero

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

**brachysoma, Ophisurus** Bleeker [P.] 1853:776 [Natuurkundig Tijdschrift voor Nederlandsch Indië v. 3 (no. 5); ref. [335](#)] Makassar, Sulawesi, Indonesia. Holotype (unique): whereabouts unknown. Bleeker specimens: BMNH 1867.11.29.244 (1) Macassar. •Synonym of *Pisodonophis cancrivorus* (Richardson 1848). **Current status:** Synonym of *Pisodonophis cancrivorus* (Richardson **1846**). Ophichthidae: Ophichthinae. Habitat: freshwater, brackish, marine.

**1848 --- 1844-48 but 1848 is being used**

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**suluensis, Opisthognathus** Herre [A. W. C. T.] 1933:25 [Copeia 1933 (no. 1); ref. [2106](#)] Sitankai, Sibutu Islands, Sulu Province, Philippines. Holotype: CAS-SU 25508. Paratypes: CAS-SU 17467 (1). Type catalog: Böhlke 1953:89 [ref. [12291](#)]. Correct spelling of genus is *Opistognathus*. •Synonym of *Opistognathus castelnaui* Bleeker **1860**-- (Smith-Vaniz 2009:85 [ref. [30149](#)]). **Current status:** Synonym of *Opistognathus castelnaui* Bleeker **1860**. Opisthognathidae. Habitat: marine.

**1859**

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**ferventer, Gibbonsia metzi Hubbs [Clark L.]** 1952:124, Fig. 48 [Stanford Ichthyological Bulletin v. 4 (no. 2); ref. [2252](#)] Santo Tomas Bay, Baja California. Holotype: CAS-SU 15396. Paratypes: (334) CAS 20493 (1); SBSC 60 (?), 74 (?), 89 (?), 100 (1), 103 (?), 110 (?); CAS-SU 9906 (3), 15306 (2), 15327 (18), 15394-95 (1, 2), 15397-401 (2, 118, 2, 8, 29), 15402-05 (13, 59, 17, 1), 22517 (2), 35137 (1); TNHC 453 (1); UMMZ 86062 (1); ZMA 100215 (1). Type catalog: Böhlke 1953:97 [ref. [12291](#)], Nijssen et al. 1982:94 [ref. [19236](#)]. •Synonym of *Gibbonsia metzi* (**Hubbs 1952**) -- (Stepien & Rosenblatt 1991:876 [ref. [19864](#)]). **Current status:** Synonym of *Gibbonsia metzi* (**Hubbs 1952**). Clinidae. Habitat: marine.

**Hubbs 1927 - no parentheses**

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**metzi, Gibbonsia Hubbs [C. L.]** 1927:360 [Papers of the Michigan Academy of Science Arts and Letters v. 7 (1926); ref. [2236](#)] Pacific Grove, Monterey County, California, U.S.A. Holotype: UMMZ 55004. Paratypes: FMNH 42042-45 (3, 2, 1, 2); MCZ 36080 [ex USNM 63899] (5); UMMZ (many lots); USNM 6648 (1), 6800 (1), 26762 (2), 27037 (5), 31197 (2), 34784 (11), 74101 (1), 104408 [ex UMMZ 63896] (1), 117539 [ex UMMZ 64314] (10), 299833 (1). Type catalog: Ibarra & Stewart 1987:39 [ref. [12367](#)], Springer & Orrell 1996:11-12 [ref. [22274](#)]. •Valid as *Gibbonsia metzi* Hubbs 1927 -- (Eschmeyer & Herald 1983:243 [ref. [9277](#)], McAllister 1990:173 [ref. [14674](#)], Stepien & Rosenblatt 1991:892 [ref. [19864](#)], Nelson et al. 2004:164 [ref. [27807](#)], Patzner et al. 2009:466 [ref. [30396](#)], Page et al. 2013:168 [ref. [32708](#)], Kells et al. 2016:296 [ref. [35888](#)]). **Current status:** Valid as *Gibbonsia metzi* Hubbs 1927. Clinidae. Distribution: Eastern Pacific. Habitat: marine.

**Using Hubbs [Clark L.] and Hubbs [C. L.] or are they different? Data looks as if they different!**

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**dukei, Hoplosternum** Emmens [C. W.] & Axelrod [H. R.] 1968:40, Fig. [Catfish; ref. [19659](#)] Not available, no description or definition (Art. 13.1.1 of the Code). **Current status:** Synonym of *Megalechis picta* (Müller & Troschel **1848**). Callichthyidae: Callichthyinae.

**1849 – dispute on date but 1849 is being used**

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**danubialis, *Cobitis taenia*** Nalbant [T. T.] (ex **Bacescu**) 1993:109, Fig. 29-33 [Revue Roumaine de Biologie, Série de Biologie Animale v. 38 (no. 2); ref. [21345](#)] Mures River at Sarmas, Harghita, Transilvania, Romania. Holotype: MGAB 49923. Paratypes: ISBB 2902 (5), 3021 (5), 4168 (6), 4501 (1), MGAB 49924 (3). •Synonym of *Cobitis elongatoides* Băcescu & Mayer 1969 -- (Kottelat 1997:88 [ref. [22952](#)], Kottelat 2012:25 [ref. [32367](#)], Tutman et al. 2018:217 [ref. [35876](#)]). **Current status:** Synonym of *Cobitis elongatoides* Băcescu & Mayer 1969. Cobitidae. Habitat: freshwater.

### **Băcescu**

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**elongatoides, *Cobitis taenia*** Băcescu [M. C.] & Mayer [R.] 1969:60 [39] [Voprosy Ikhtiologii v. 9 (no. 1, art. 54); ref. [7715](#)] Argesel River, Danube River basin, Romania. Syntypes: whereabouts unknown. Appeared first as *Cobitis taenia* var. *elongatoides* in **Bacescu** 1962:294 [ref. [23020](#)] which Kottelat 1997:88 [ref. [22952](#)] regards as infrasubspecific. Available as above. On p. 39 of English translation. Second author also spelled Maier. •Valid as *Cobitis elongatoides* Băcescu & Mayer 1969 -- (Kottelat 1997:88 [ref. [22952](#)], Hanel 2003:54 [ref. [27894](#)], Bohlen et al. 2005:103 [ref. [28439](#)], Hanel & Lusk 2005:279 [ref. [28804](#)], Kottelat & Freyhof 2007:307 [ref. [29996](#)], Jouladeh-Roudbar et al. 2017:124 [ref. [35196](#)], Eagderi et al. 2017:50 [ref. [35199](#)], Tutman et al. 2018:217 [ref. [35876](#)]). **Current status:** Valid as *Cobitis elongatoides* Băcescu & Mayer 1969. Cobitidae. Distribution: Widely distributed in the Danube River basin, Eastern Europe. Habitat: freshwater.

### **Băcescu**

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**caparary, *Sorubim*** Spix [J. B. von] in Spix & Agassiz 1829:Pl. 13 [Selecta genera et species piscium quos in itinere per Brasiliam; ref. [13](#)] Name is available from the plate legend. •Synonym of *Pseudoplatystoma corruscans*(Spix1829) -- (Lundberg & Littmann in Reis et al. 2003:441 [ref. [27061](#)], Ferraris 2007:341 [ref. [29155](#)], Litz & Koerber 2014:19 [ref. [33622](#)], Mirande & Koerber 2015:32 [ref. [35117](#)], Koerber et al. 2017:49 [ref. [35267](#)]). **Current status:** Synonym of *Pseudoplatystoma corruscans* (**Spix 1829**). Pimelodidae. Habitat: freshwater.

### **Spix & Agassiz 1829**

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**jordani, *Elanura*** Schmidt [P. J.] 1903:518 [16] [Izvestiya Imperatorskago Russkago Geograficheskago Obshchestva v. 38 (pt 5) (for 1902); ref. [3945](#)] On p. 16 of separate. Not available, name and localities but no description. **See *Prionistius***

**jordani Jordan & Starks (ex Schmidt) 1904.** Invalid lectotype designation by Pietsch 1994:351 [ref. [21189](#)] as SU 7704. •Correctly in the synonymy of *Triglops jordani* (Jordan & Starks 1904) -- (Sheiko & Fedorov 2000:29 [ref. [25650](#)]). •Treated as valid as *Elanura jordani* Schmidt 1903 -- (Kim & Youn 1992:66 [ref. [22287](#)]). •Treated as valid as *Triglops jordani* (Schmidt 1903) -- (Yabe in Masuda et al. 1984:325 [ref. [6441](#)], Pietsch 1994:351 [ref. [21189](#)], Nakabo 2000:628 [ref. [25086](#)], Mecklenburg et al. 2002:422 [ref. [25968](#)], Nakabo 2002:628 [ref. [26001](#)], Youn 2002:263, 578 [ref. [26218](#)], Shinohara et al. 2011:44 [ref. [31715](#)]). **Current status:** Synonym of *Triglops jordani* (**Jordan & Starks 1904**). Cottidae.

### **(Schmidt 1904)**

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**latisoma, Farlowella** Miranda Ribeiro [A. de] 1939:361 [Boletín Biológico, São Paulo (Nova Série) v. 4 (no. 3); ref. [3023](#)] Oriximiná, Amazonas, Brazil. Holotype (unique): MNRJ 761. Type catalog: Miranda Ribeiro 1953:399 [ref. [12732](#)]. •Valid as *Farlowella latisoma* Miranda Ribeiro 1939 -- (Isbrücker 1980:99 [ref. [2303](#)], Burgess 1989:441 [ref. [12860](#)]). •Synonym of *Farlowella schreitmulleri* **Ahl 1937**-- (Retzer & Page 1997:74 [ref. [23176](#)], Isbrücker 2001:27 [ref. [25653](#)], Isbrücker 2002:16 [ref. [27178](#)], Ferraris in Reis et al. 2003:334 [ref. [27061](#)], Ferraris 2007:239 [ref. [29155](#)]). **Current status:** Synonym of *Farlowella schreitmulleri* **Ahl 1937**. Loricariidae: Loricariinae. Habitat: freshwater.

### Arnold 1936

:

**macrothalmus, Erythroculter pseudobrevicauda** Nguyen [V. H.] & Doan [L. H.] 1969:15, Fig. 17 in ref. 29795 [missing] [Some data on composition, origin, and distribution of cyprinid species in northern Vietnam; ref. [25483](#)] Bo River, Vietnam [original: Ha Noi, Ha Tay and Nam Ha, Song Hong and Song Da basins, Vietnam]. Syntypes: (10) lost. See Kottelat 2001:113, 121 [ref. [25482](#)] for availability issues. Spelled in more than one way originally, Kottelat 2001:121 [ref. [25482](#)] as first reviser selected *macrothalmus*. Appeared as name in synonymy and unavailable in Mai 1978 [ref. [13511](#)]. See Nguyen & Doan 2008 [ref. [29793](#)] for an English translation of ref. 25483. Neotype designated by Roberts & Catania 2008:93 [ref. [29794](#)] in invalid (IBST 626) as need was not stated. •Synonym of *Ancherythroculter daovantieni* (Bănărescu 1967) -- (Kottelat 2001:18 [ref. [25482](#)], Roberts & Catania 2007:93, 96 [ref. [29794](#)], Kottelat 2013:73 [ref. [32989](#)]). **Current status:** Synonym of *Ancherythroculter daovantieni* (**Bănărescu** 1967). Xenocypridae. Distribution: Vietnam [if valid]. Habitat: freshwater.

### Bănărescu

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**pirarara, Silurus** Natterer [J.] in Kner 1858:375 [5] [Sitzungsberichte der Kaiserlichen Akademie der Wissenschaften. Mathematisch-Naturwissenschaftliche Classe v. 26 (s. 373); ref. [2630](#)] On p. 5 of separate. Not available, name mentioned in passing. **Current status:** Synonym of *Phractocephalus hemiolepis* (**Bloch** 1801). Pimelodidae.

### Bloch & Schneider

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**saltator, Scomber** Bloch [M. E.] & Schneider [J. G.] 1801:35 [M. E. Blochii, Systema Ichthyologiae; ref. [471](#)] Not an original description, but a new combination. See *Gasterosteus saltatrix* Linnaeus 1766. **Current status:** Synonym of *Pomatomus saltatrix* (**Linnaeus 1758**). Pomatomidae. Habitat: brackish, marine.

### Linnaeus 1758

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**wisneri, Eptatretus** McMillan [C. B.] 1999:116, Figs. 2 (B-C) [Fishery Bulletin v. 97 (no. 1); ref. [23612](#)] Galápagos Islands, 0°28.0'S, 91°37.2'W, depth 1848 feet [563 meters]. Holotype: CAS 86429. Paratypes: SIO 97-76 [ex CAS 86430] (1). Subjectively invalid, preoccupied in *Eptatretus* by *Paramyxine wisneri* Kuo et al. 1994 -- (see Fernholm 1998:34 [ref. [23976](#)] and Fernholm et al. 2013:7 [ref. [32793](#)]). •Treated incorrectly as valid as *Eptatretus wisneri* McMillan 1999 -- (Mok et al. 2001:1026 [ref. [25820](#)], Mincarone & McCosker 2004:164 [ref. [27642](#)], Mincarone & Fernholm 2010:798 [ref. [30926](#)], McCosker & Rosenblatt 2010:187 [ref. [30957](#)], Mincarone & McCosker 2014:349 [ref. [33284](#)]). •Synonym of *Eptatretus bobwisneri* Fernholm et al. 2013:7 [ref. [32793](#)]. **Current status:** Synonym of *Eptatretus bobwisneri* **Fernholm, Noren, Kullander, Quattrini, Zintzen** et al. 2013. Myxinidae: Eptatretinae. Distribution: Eastern Pacific: Galápagos Islands. Habitat: marine.

### Fernholm, Norén, Kullander, Quattrini, Zintzen

**marina, Trutta** Scott [G. C.] 1869:256, fig. [Fishing in American waters; ref. [32387](#)]  
•Appeared as a caption to a plate; synonym of *Salvelinus fontinalis* (**Mitchill** 1814) according to Hubbs 1943:258 (ref. [32388](#)) based on text; described as a synonym of *Trutta argentina* Scott 1869 and not available. **Current status:** Uncertain as *Salvelinus fontinalis* (Mitchill 1814). Salmonidae: Salmoninae. Habitat: freshwater.

### **Mitchill**

:

**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 Șanda & 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 -- (Șanda & 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.

**Why is the original Bănărescu record NOT in the database ?**

**The Bănărescu record should be "Valid as ...." and the Berg record should be "Synonym of...."**

:

**parmifera, Raia** Bean [T. H.] 1881:157 [Proceedings of the United States National Museum v. 4 (no. 210); ref. [223](#)] Iliuliuk, Unalaska Island, Aleutian Islands, Alaska, U.S.A. Holotype (unique): USNM 27651 (disintegrated). •Valid as *Bathyraja parmifera* (Bean 1881) -- (Eschmeyer & Herald 1983:50 [ref. [9277](#)], Stehmann 1986:263 [ref. [6151](#)], McEachran & Dunn 1998:286 [ref. [23312](#)], Sokolovskaya et al. 1998:7 [ref. [24670](#)], Dolganov 1999:429 [ref. [24873](#)], Compagno 1999:488 [ref. [25589](#)], Sheiko & Fedorov 2000:15 [ref. [25650](#)], Mecklenburg et al. 2002:98 [ref. [25968](#)], Hoff 2002:145 [ref. [26938](#)], Orlov 2003:45 [ref. [26942](#)], Fedorov et al. 2003:00 [ref. [27579](#)], Fedorov et al. 2003:19 [ref. [27579](#)], Nelson et al. 2004:55 [ref. [27807](#)], Spies et al. 2011:58 [ref. [31143](#)], Mecklenburg et al. 2011:115 [ref. [31212](#)], Orr et al. 2011:35 [ref. [31854](#)], Page et al. 2013:55 [ref. [32708](#)], Parin et al. 2014:33 [ref. [33547](#)], Weigmann 2016:95 [ref. [34211](#)] see remarks, Mecklenburg & Steinke 2015:163 [ref. [34033](#)], Mecklenburg et al. 2016:23 [ref. [34440](#)], Last et al. 2016:26 [ref. [34941](#)], Last et al. 2016:410 [ref. [35005](#)], Kells et al. 2016:80 [ref. [35888](#)], Ebert et al. 2017:59 [ref. [35618](#)]). •Valid as *Arctoraja parmifera* (Bean 1881) -- (Naylor et al. 2012:102 [ref. [34345](#)] see remarks, Dyldin 2015:60 [ref. [34524](#)], Dyldin & Orlov 2018:167 [ref. [35920](#)]). **Current status:** Valid as *Arctoraja parmifera* **Ishiyama 1958**. Arhynchobatidae. Distribution: North Pacific and adjacent Arctic: Sea of Okhotsk to Bering Sea and eastern Gulf of Alaska. Habitat: marine.

**(Bean 1881)**

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**I still have a problem with the following record:**

**Current author should be Bibron and not Müller & Henle**

**There are many dependant synonyms**

**We should sort this out so that the approach is consistent.**

**Your data indicates it should be Bibron.**

**The sentence "[sometimes authorship as Müller & Henle or Bibron]" negates the usual grouping approach and indicates that either name can be used. The Fish community will follow CoF and I think this ambiguity should be resolved and the data approach made consistent.**

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***falciformis*, *Carcharias (Prionodon)*** Bibron [G.] in Müller & Henle 1839:47 [Systematische Beschreibung der Plagiostomen; ref. 3069] Cuba, western Atlantic. Holotype (unique): MNHN 0000-1134 (fetus). Type catalog: Bertin 1939:72 [ref. 20739]. Authorship proposed changed to Bibron 1839 -- Jones et al. 2015:570 [ref. 34086]. Most authors use Müller & Henle 1839. •Valid as *Carcharhinus falciformis* (Müller & Henle 1839) **[sometimes authorship as Müller & Henle or Bibron]** -- (Compagno 1973:24 [ref. 7163], Garrick 1982:159 [ref. 5454], Branstetter in Whitehead et al. 1984:104 [ref. 13675], Compagno 1984:470 [ref. 6846], Nakaya in Masuda et al. 1984:6 [ref. 6441], Bass et al. 1986:72 [ref. 5638], Robins & Ray 1986:25 [ref. 23100], Allen & Swainston 1988:22 [ref. 25477], Gubanov & Timoxin 1989:224 [ref. 36138] as *falciformes*, Paxton et al. 1989:77 [ref. 12442], Paulin et al. 1989:25 [ref. 24556], Springer 1990:104 [ref. 19320], Randall et al. 1990:19 [ref. 15987], Boschung 1992:20 [ref. 23239], Cervigón 1992:171 [ref. 23827], Allen & Robertson 1994:22 [ref. 22193], Last & Stevens 1994:241 [ref. 23873], Goren & Dor 1994:2 [ref. 25356], Compagno et al. in Fischer et al. 1995:673 [ref. 22829], Randall 1995:30 [ref. 22896], Mohsin & Ambak 1996:61 [ref. 27969] with author as Bibron, Allen 1997:42 [ref. 23977], De La Cruz Agüero et al. 1997:28 [ref. 24545], Grove & Lavenberg 1997:80 [ref. 24023], Yokogawa & Yamaguchi 1997:4 [ref. 24376], Arruda 1997:17 [ref. 24952], Randall et al. 1997:19 [ref. 25919], Compagno & Niem 1998:1335 [ref. 23787], McEachran & Fechhelm 1998:77 [ref. 23897], Chirichigno F. & Vélez D. 1998:54 [ref. 24555], Myers 1999:34 [ref. 23965], Fricke 1999:19 [ref. 24106], Morón et al. 1999:147 [ref. 24253], Cervigón & Alcalá 1999:57 [ref. 24490], Smith-Vaniz et al. 1999:112 [ref. 25013], Compagno 1999:483 [ref. 25589], Nakabo 2000:139 [ref. 25086], Compagno in Randall & Lim 2000:580 [ref. 25122], Laboute & Grandperrin 2000:90 [ref. 25191], Schmitter-Soto et al. 2000:146 [ref. 27754], Grace 2001:30 [ref. 25694], Hutchins 2001:14 [ref. 25847], Soto 2001:64, 76 [ref. 26637], Camargo & Isaac 2001:139 [ref. 27639] as Bibron 1839, Nakabo 2002:139 [ref. 26001], Collette et al. 2003:98 [ref. 26784], Compagno 2003:479 [ref. 26984], Gadig & Gomes in Menezes et al. 2003:23 [ref. 27192], Manilo & Bogorodsky 2003:S92 [ref. 27377], Myers & Donaldson 2003:609 [ref. 27495], Randall et al. 2004:5 [ref. 27624], Espinosa Pérez et al. 2004:52 [ref. 27705] with author as Bibron 1841, Bonfil & Abdallah 2004:31 [ref. 27735] with author as Bibron, Nelson et al. 2004:53 [ref. 27807], Mundy 2005:89 [ref. 28379], Compagno et al. 2005:37 [ref. 29145] with author as Valenciennes, Vaske et al. 2005:77 [ref. 36155], Hoese et al. 2006:100 [ref. 29001], Fricke et al. 2009:9 [ref. 30213], McCosker & Rosenblatt 2010:187 [ref. 30957], Last et al. 2010:98 [ref. 32461], Fricke et al. 2011:345 [ref. 31242], Voigt & Weber 2011:60 [ref. 31424] as *falciformes*, Castro 2011:413 [ref. 31457], Hoyos-Padilla et al. 2012:15 [ref. 31760], White 2012:3 [ref. 31843], Yamashita et al. 2012:124 [ref. 32408], Garibaldi & Orsi Relini 2012:399 [ref. 32859], Page et al. 2013:51 [ref. 32708], Wirtz et al. 2013:115 [ref. 32972], Larson et al. 2013:9 [ref. 32988], Ebert et al. 2013:331 [ref. 33045], Smith-Vaniz & Jelks 2014:19 [ref. 33341], Delrieu-Trottin et al. 2015:4 [ref. 33988], Psomadakis et al. 2015:81 [ref. 34104], Pinheiro et al. 2015:2 [ref. 34324], Del Moral-Flores et al. 2016:91 [ref. 34398] with authors as Müller & Henle, Weigmann 2016:19 [ref. 34211] with authors as Müller & Henle, Compagno 2016:1303 [ref. 34544], Fourrière et al. 2016:452 [ref. 34668], Del Moral-Flores et al. 2016:605 [ref. 34923], Koeda et al. 2016:4 [ref. 35333], Nión et al. 2016:20 [ref. 35565] with author as Müller & Henle, White et al. 2017:142 [ref. 35860], Ali et al. 2018:301 [ref. 36183], Ehemann et al. 2018:21

[ref. 36194], Fricke et al. 2018:13 [ref. 35805], Golani & Fricke 2018:10 [ref. 36273], Kumar et al. 2018:296 [ref. 36178], Spier et al. 2018:4 [ref. 36103], White & Ko'ou 2018:34 [ref. 35922]). **Current status:** Valid as *Carcharhinus falciformis* (**Müller & Henle 1839**). Carcharhinidae. Distribution: Circumglobal in tropical seas (including Red Sea, Persian Gulf). Habitat: marine.

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**We have exactly the same problem with the following record:  
In this case most authors support the use of Valenciennes  
although the decision appears to be Müller & Henle (ex  
Valenciennes)**

**hemiodon, Carcharias (Hypoprion) Valenciennes [A.]** in Müller & Henle 1839:35, [Pl. 19 (teeth)] [Systematische Beschreibung der Plagiostomen; ref. 3069] Puducherry, India. Lectotype: MNHN 0000-1040. Paralectotypes: (3) MNHN 0000-1042 (1), A-7774 (1). Type catalog: Bertin 1939:70 [ref. 20739] as holotype (MNHN 1040, measured and figured) and paratypes; MNHN 1040 designated lectotype by Eschmeyer 1998:718 [ref. 23416]. Evidently Müller & Henle alone were responsible for the description, so authorship is regarded as Müller & Henle (ex Valenciennes). •Valid as *Hypoprion hemiodon* (Valenciennes 1839) -- (Gubanov & Timoxin 1989:223 [ref. 36138]). •Valid as *Carcharhinus hemiodon* (Valenciennes 1839) -- (Compagno 1984:475 [ref. 6846], Garrick 1985:13 [ref. 5654], Paxton et al. 1989:77 [ref. 12442], Talwar & Jhingran 1991:15 [ref. 20764], Randall 1995:31 [ref. 22896], Compagno & Niem 1998:1338 [ref. 23787], Morón et al. 1999:147 [ref. 24253], Compagno 1999:483 [ref. 25589], Compagno in Randall & Lim 2000:580 [ref. 25122], Manilo & Bogorodsky 2003:S92 [ref. 27377], Compagno et al. 2005:38 [ref. 29145] with author as Valenciennes, Voigt & Weber 2011:66 [ref. 31424] with author as Valenciennes, White 2012:3 [ref. 31843], Kottelat 2013:21 [ref. 32989], Psomadakis et al. 2015:81 [ref. 34104], Weigmann 2016:20 [ref. 34211] with authors as Müller & Henle, Kumar et al. 2018:296 [ref. 36178]). **Current status:** Valid as *Carcharhinus hemiodon* (**Müller & Henle 1839**). Carcharhinidae. Distribution: Indo-West Pacific: southern Iran east to Papua New Guinea, north to South China Sea, south to northern Queensland (Australia). Habitat: marine.

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**oxyrhynchus, Carcharias (Prionodon) Valenciennes [A.]** in Müller & Henle 1839:41, [Pl. 15] [Systematische Beschreibung der Plagiostomen; ref. 3069] Suriname. Syntypes: (2) ?MNHN A-9664 (1) Cayenne, RMNH 4297 (1) Suriname, ?ZMB 4539 (1, dry). Type catalog: Bertin 1939:71 [ref. 20739]. •Valid as *Isogomphodon oxyrhynchus* (Valenciennes 1839) -- (Uyeno & Sasaki in Uyeno et al. 1983:56 [ref. 14275], Compagno 1984:510 [ref. 6846], Cervigón 1992:176 [ref. 23827], Cervigón & Alcalá 1999:81 [ref. 24490] as *oxyrhinchus*, Compagno 1999:483 [ref. 25589], Grace 2001:17 [ref. 25694], Soto 2001:64, 75 [ref. 26637], Compagno 2003:491 [ref. 26984], Gadig & Gomes in Menezes et al. 2003:23 [ref. 27192], Castro 2011:475 [ref. 31457], Weigmann 2016:24 [ref. 34211] with authors as Müller & Henle). **Current status:** Valid as *Isogomphodon oxyrhynchus* (**Müller & Henle 1839**). Carcharhinidae. Distribution: Central western Atlantic: southern Caribbean Sea to Brazil. Habitat: brackish, marine.

**I have no problem as to which author is eventually chosen but feel we should strive to attain consistency in the presentation of the data.**

**I know that this is a thorny issue but felt I should indicate my concerns.**



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**argyrops, Pyrrhulina** Cope [E. D.] 1878:694 [Proceedings of the American Philosophical Society v. 17 (no. 101); ref. [945](#)] Pebas, Peru. Lectotype: ANSP 21441. Paralectotypes: ANSP 21442 (1). Type catalog: Böhlke 1984:118 [ref. [13621](#)]. Lectotype established by Fowler 1906:295, Fig. 2 [ref. [1373](#)]. •Synonym of *Copeina guttata* (Steindachner 1876) -- (Weitzman & Weitzman in Reis et al. 2003:241 [ref. [27061](#)]). **Current status:** Valid as *Copeina argyrops* **Fowler 1906**. Lebiasinidae: Pyrrhulininae. Distribution: Peru. Habitat: freshwater.

**Cope 1878 (does establishment of Lectotype make the establisher the author ?)**

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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](#)], Romanov et al. 2017:823 [ref. [35687](#)]). **Current status:** Valid as *Coregonus maraenoides* **Polyakov 1874**. Salmonidae: Coregoninae. Distribution: Estonia and Russia, introduced into other areas of Europe. Habitat: freshwater.

**Berg 1916**

**If Polyakov 1874 is to be used as the valid author we probably should include his description as an original name.**

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**virginica, Raja garmani** McEachran [J. D.] 1977:434 [Bulletin of Marine Science v. 27 (no. 3); ref. [7268](#)] Off North Carolina, U.S.A., 36°46'N, 74°41'W, U.S.A., depth 104-117 meters. Holotype: MCZ 34762. Paratypes: MCZ 36315 (1), VIMS 1370 (1). •Valid as *Leucoraja garmani virginica* (McEachran 1977) -- (McEachran in Collette & Klein-MacPhee 2002:69 [ref. [26158](#)], Moore et al. 2003:171 [ref. [27076](#)], Weigmann 2016:112 [ref. [34211](#)]). •Valid as *Leucoraja virginica* (McEachran 1977) -- (McEachran & Fechhelm 1998:162 [ref. [23897](#)], Nelson et al. 2004:55 [ref. [27807](#)], Page et al. 2013:55 [ref. [32708](#)]). •Synonym of *Leucoraja garmani* (Whitley 1939), but a valid subspecies *virginica* (McEachran 1977) -- (Last et al. 2016:18 [ref. [34941](#)]). **Current status:** **Valid as** *Leucoraja garmani* (Whitley 1939). Rajidae. Distribution: Western Atlantic [if valid]. Habitat: marine.

**Synonym of**

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**mitrofanovi, Triplophysa coniptera** Prokofiev [A. M.] 2017:189, Figs. 44-49 [ref. [35630](#)] Holotype: ZIN 25566. Paratypes: ZIN. •Synonym of *Triplophysa coniptera* (Turdakov 1954), but a valid subspecies *mitrofanovi* as described. **Current status:** **Valid as** *Triplophysa coniptera* (Turdakov 1954). Nemacheilidae. Distribution: Russia. Habitat: freshwater.

**Synonym of**

***tanaiticus*, *Romanogobio albipinnatus*** Naseka [A. M.] 2001:114, Fig. 1 [Proceedings of the Zoological Institute, Academy of Sciences, St.-Petersburg v. 287; ref. 26835] River Severski Donetz, 7-8 kilometers upstream from Iziium, Ukraine. Holotype: NMU 3661-1. Paratypes: NMU 3458 (12), 3634 (4), 3640-41 (10, 6), 3661-2 to 7 (6), 4810 (15); ZIN 23754 (1), 52276 (1). •Valid as *Romanogobio tanaiticus* Naseka 2001 -- (Naseka & Freyhof 2004:18 [ref. 27663], Bogutskaya & Naseka 2004:70 [ref. 28183], Kottelat & Freyhof 2007:106 [ref. 29996]). •**Valid as *Romanogobio albipinnatus* (Lukasch 1933)** -- (Parin et al. 2014:90 [ref. 33547]). **Current status: Valid as *Romanogobio albipinnatus* (Lukasch 1933)**.  
Gobionidae. Distribution: Don River system, Ukraine and Russia. Habitat: freshwater. This is either:

**Synonym of *Romanogobio albipinnatus* (Lukasch 1933)**

**or**

**Valid as *Romanogobio tanaiticus* Naseka 2001**

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***salari*, *Nemachilus conipterus*** Turdakov [F. A.] 1954 [Trudy Institut zoologii i parazitologii, Kirgizskii filial Akademii nauk SSSR v. 1; ref. 26732] Talas canal at Taschkent, Uzbekistan. Original genus is correctly *Nemacheilus*. Original description not seen. •Synonym of *Triplophysa coniptera* (Turdakov 1954) -- (Prokofiev 2007:7 [ref. 28990]). •Valid as *Triplophysa coniptera* (Turdakov 1954) but a valid subspecies *salari* (Turdakov 1954) -- (Prokofiev 2006:257 [ref. 29061], Kottelat 2012:124 [ref. 32367], Prokofiev 2017:201 [ref. 35630]). **Current status: Valid as *Triplophysa coniptera*** (Turdakov 1954). Nemacheilidae. Distribution: Middle Syr-Darya basin, Uzbekistan [subspecies *salari* if valid]. Habitat: freshwater.

**Synonym of**

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