

**FAMILY *Albulidae*** Bleeker, 1849 - **bonefishes**

**SUBFAMILY *Albulinae*** Bleeker, 1849 - **bonefishes**

[=*Butirinidi*, *Albulae*, *Butirini*, *Conorhynchoidea*, ?*Lemniscati*, *Atopichthyes*, *Dixoninidi*]

Notes: *Butirinidi* Rafinesque, 1810b:36 [ref. 3595] (ordine) ? *Butyrinus* [published not in latinized form before 1900; not available, Article 11.7.2]  
*Albulae* Bleeker, 1849:6, 9 [ref. 320] (family) *Albula* [stem Albul- confirmed by Bleeker 1859d:XXX [ref. 371] and by Günther 1868:382, 468 [ref. 1990]]  
*Butirini* Bleeker, 1851–52:3, 4, 7 [ref. 16907] (family) *Butyrinus* [genus inferred from the stem, Article 11.7.1.1; correct stem is Butyrin-]  
*Conorhynchoidea* Gill, 1861a:55 [ref. 1766] (family) *Conorhynchus* [as *Conorhynchus*, name must be corrected Article 32.5.3; ever corrected?; not *Conorhynchidae* based on *Conorhynchos* Bleeker, 1858 *Siluriformes*]  
?*Lemniscati* Poey, 1867:209 [ref. 32247] (family) ? *Esunculus* [no stem of the type genus, not available, Article 11.7.1.1]  
*Atopichthyes* Garman, 1899:325, 326 [ref. 1540] (family) *Atopichthys*  
*Dixoninidi* Fowler, 1958b:4 [ref. 1470] (tribe) *Dixonina*

**GENUS *Albula*** Scopoli, 1777 - **bonefishes**

[=*Albula* Scopoli [J. A.] (ex Gronow), 1777:450, *Albula* Bloch [M. E.] & Schneider [J. G.] (ex Gronow), 1801:432,  
*Atopichthys* Garman [S.], 1899:326, *Butyrinus* Lacepède [B. G. E.] (ex Commerson), 1803:45,  
*Conorhynchus* Nozemann [C.], 1758:381, *Dixonina* Fowler [H. W.], 1911:651,  
*Esunculus* Kaup [J. J.], 1856:143, *Glossodonta* Cuvier [G.], 1815:232, 233, *Glossodus* Agassiz [L.], in Spix & Agassiz, 1829:48,  
*Vulpis* Catesby [M.], 1771:1]

Notes: [ref. 3990]. Fem. *Esox vulpes* Linnaeus, 1758. Early nomenclatural history confused; this authorship the valid one for the bonefish genus (see Whitehead 1986 [ref. 5733]). Kottelat (2013:36) declared this as a nomen protectum. •Valid as *Albula* Scopoli, 1777 -- (Rivas & Warlen 1967:251 [ref. 23666], Uyeno in Masuda et al. 1984:21 [ref. 6441], Smith 1986:157 [ref. 5712], Paxton et al. 1989:106 [ref. 12442], Smith 1989:97 [ref. 13285], Randall & Bauchot 1999:79 [ref. 23836], Castro-Aguirre et al. 1999:92 [ref. 24550], Smith & Randall 1999:1623 [ref. 24662], Colborn et al. 2001:807 [ref. 25230], Smith 2003:684 [ref. 26989], Pfeiler et al. 2006:778 [ref. 28922], Paxton et al. 2006:227 [ref. 28995], Hidaka et al. 2008:56 [ref. 29526], Pfeiler 2008:839 [ref. 29805], Pfeiler et al. 2008:763 [ref. 29949], Iwatsuki 2009:16 [ref. 30433], Valdez-Moreno 2010:667 [ref. 31032], Kwun & Kim 2011:57 [ref. 31334], Pfeiler et al. 2011:1

[ref. 31589], Kottelat 2013:34 [ref. 32989], Angulo et al. 2013:989 [ref. 33194]).

**Current status:** Valid as *Albula* Scopoli, 1777. *Albulidae: Albulinae*.

(*Albula*) [ref. 471]. Fem. *Albula conorynchus* Bloch & Schneider, 1801. Type by monotypy. •Junior homonym of *Albula* Osbeck 1765 and *Albula* Scopoli, 1777 -- (Kottelat 2013:35 [ref. 32989]). Current status: Synonym of *Albula* Scopoli, 1777. *Albulidae: Albulinae*.

(*Atopichthys*) [ref. 1540]. Masc. *Atopichthys esunculus* Garman, 1899. Type by subsequent designation. Spelled *Atopichthyes* on p. 325 and once in list of figures. Regarded as an available genus-group name as a collective group. Type designated by Jordan 1920:486 [ref. 4905]. Used in the sense of a genus by Garman as a temporary catchall for unplaced larval eels, some now reassigned (see Raju 1985 [ref. 5287]). •Synonym of *Albula* Scopoli, 1777 -- (Whitehead 1986:216 [ref. 5733], Kottelat 2013:35 [ref. 32989]). •See Mundy 2005:139 [ref. 28379]. Current status: Synonym of *Albula* Scopoli, 1777. *Albulidae: Albulinae*.

(*Butyrinus*) [ref. 4930]. Masc. *Butyrinus bananus* Lacepède, 1803. Type by monotypy. Spelled *Butirinus* by Cuvier 1829:329 [ref. 995] and *Buturinus* by Valenciennes in Cuvier & Valenciennes 1847:316 [ref. 4883]. •Synonym of *Albula* Scopoli, 1777 -- (Whitehead 1986:215 [ref. 5733], Kottelat 2013:35 [ref. 32989]). Current status: Synonym of *Albula* Scopoli, 1777. *Albulidae: Albulinae*.

(*Conorynchus*) [ref. 13433]. Masc. *Clupea macrocephala* Lacepède, 1803. Type by subsequent designation. Original without included species; Gill 1861:55 [ref. 1766], as *Conorhynchus*, provided a type (see Whitehead 1986:214 [ref. 5733]). Whitehead regards *Conorynchus* Nozemann as the senior synonym of *Albula* but to be rejected as a forgotten name (nomen oblitum).

•Synonym of *Albula* Scopoli, 1777 -- (Kottelat 2013:34 [ref. 32989]).

Current status: Synonym of *Albula* Scopoli, 1777. *Albulidae: Albulinae*.

(*Dixonina*) [ref. 1381]. Fem. *Dixonina nemoptera* Fowler, 1911. Type by original designation (also monotypic).

•Synonym of *Albula* Scopoli, 1777, but a valid subgenus *Dixonina* -- (Smith 2003:683 [ref. 26989]).

•Synonym of *Albula* Scopoli, 1777 -- (Whitehead 1986:216 [ref. 5733], Castro-Aguirre et al. 1999:92 [ref. 24550], Pfeiler et al. 2006:778 [ref. 28922], Pfeiler 2008:839 [ref. 29805], Hidaka et al. 2008:53 [ref. 29526], Kottelat 2013:35 [ref. 32989]). Current status: Synonym of *Albula* Scopoli, 1777. *Albulidae: Albulinae*.

(*Esunculus*) [ref. 2573]. Masc. *Esunculus costai* Kaup, 1856. Type by monotypy.

•Synonym (*leptocephalus*) of *Albula* Scopoli, 1777 -- (Whitehead 1986:216 [ref. 5733], but genus credited to Cope, Kottelat 2013:35 [ref. 32989]). Current status: Synonym of *Albula* Scopoli, 1777. *Albulidae: Albulinae*.

(*Glossodonta*) [ref. 1019]. Masc. *Argentina glossodonta* Forsskål, 1775. Type by monotypy (also by absolute tautonymy). This genus does not exist; the genus was never mentioned (Kottelat 2013:35 [ref. 32989]). •Synonym of *Albula* Scopoli, 1777 -- (see Whitehead 1986:215

[ref. 5733]). Current status: Synonym of *Albula* Scopoli, 1777. *Albulidae: Albulinae*.

(*Glossodus*) [ref. 13]. Masc. *Glossodus forskalii* Spix & Agassiz, 1829 (= *Argentina glossodonta* Forsskål, 1775). Type by monotypy.

Based on *Glossodonta* Cuvier, 1815, not available. The species *Glossodus forskalii* is an unneeded substitute for *A. glossodonta*. See also

Kottelat 1988:78 [ref. 13380]. •Synonym of *Albula* Scopoli, 1777 -- (Whitehead 1986:215 [ref. 5733], Kottelat 2013:35 [ref. 32989]).

Current status: Synonym of *Albula* Scopoli, 1777. *Albulidae: Albulinae*.

(*Vulpis*) [ref. 774]. Not available, published in a rejected work on Official Index (Opinion 89, Opinion 259). •In the synonymy

of *Albula* Scopoli, 1777 -- (see Whitehead 1986:215 [ref. 5733]). Current status: Synonym of *Albula* Scopoli, 1777. *Albulidae: Albulinae*.

**Species** *Albula argentea* (Forster, in Bloch & Schneider, 1801) - **silver bonefish** (author)

[=*Esox argenteus* Forster [J. R.], in Bloch & Schneider, 1801:395,

*Synodus argenteus* Schneider [J. G.], in Bloch & Schneider, (ex Forster), 1801:398,

*Albula forsteri* Valenciennes [A.], in Cuvier & Valenciennes, 1847:354,

*Albula neoguinaica* Valenciennes [A.], in Cuvier & Valenciennes, 1847:350,

*Albula seminuda* Valenciennes [A.], in Cuvier & Valenciennes, 1847:351]

Notes: [M. E. Blochii, Systema Ichthyologiae; ref. 471] Tahiti, Society Islands.

**Current status:** **Valid** as *Albula argentea* (Forster, 1801). *Albulidae: Albulinae*.

**Distribution:** Indo-West Pacific.

**Habitat:** brackish, marine.

(*argenteus*) [M. E. Blochii, Systema Ichthyologiae; ref. 471] Tahiti, Society Islands.

Current status: Synonym of *Albula argentea* (Forster, 1801). *Albulidae: Albulinae*. Distribution: Indo-West Pacific: Western Australia east to Fiji and French Polynesia; Hawaiian Islands. Habitat: brackish, marine.

(*forsteri*) [Histoire naturelle des poissons v. 19; ref. 4883] Tahiti, Society Islands.

Current status: Synonym of *Albula argentea* (Forster, 1801). *Albulidae: Albulinae*.

Distribution: Indo-West Pacific: Western Australia east to Fiji and French Polynesia; Hawaiian Islands [if valid].

Habitat: brackish, marine.

(*neoguinaica*) [Histoire naturelle des poissons v. 19; ref. 4883] Northwestern Irian Jaya.

Current status: Synonym of *Albula argentea* (Forster, 1801). *Albulidae: Albulinae*. Habitat: freshwater, brackish, marine.

(*seminuda*) [Histoire naturelle des poissons v. 19; ref. 4883] Irian Jaya [or New Guinea].

Current status: Synonym of *Albula argentea* (Forster, 1801). *Albulidae: Albulinae*. Habitat: marine.

**Species** *Albula vulpes* (Linnaeus, 1758) - **bonefish**

[=*Esox vulpes* Linnaeus [C.], 1758:313, *Engraulis bahiensis* Spix [J. B. von], in Spix & Agassiz, 1829:49, Pl. 24 (fig. 2),  
*Clupea brasiliensis* Bloch [M. E.] & Schneider [J. G.], 1801:427,  
*Albula conorynchus* Bloch [M. E.] & Schneider [J. G.], 1801:432,  
*Esunculus costai* Kaup [J. J.], 1856:144, Pl. 16 (fig. 3),  
*Glossodus forskalii* Spix [J. B. von] & Agassiz [L.], 1829:49, Pls. 23 (fig. 2), 24 (fig. 2),  
*Albulas gronovii* Walbaum [J. J.], 1792:654, *Amia immaculata* Bloch [M. E.] & Schneider [J. G.], (ex Parra), 1801:451,  
*Clupea macrocephala* Lacepède [B. G. E.], 1803:426, 460, Pl. 14 (fig. 1),  
*Albula parrae* Valenciennes [A.], in Cuvier & Valenciennes, 1847:339,  
*Albula plumieri* Bloch [M. E.] & Schneider [J. G.], 1801:no page number, Pl. 86 (upper fig.),  
*Albula rostrata* Gronow [L. T.], in Gray, 1854:189,  
*Engraulis sericus* Spix [J. B. von], in Spix & Agassiz, 1829:49, Pl. 23 (fig. 2)]

Notes: [Systema Naturae, Ed. X v. 1; ref. 2787] America (possibly the Bahamas).

**Current status:** **Valid** as *Albula vulpes* (Linnaeus, 1758). *Albulidae: Albulinae*.

**Distribution:** Worldwide in warm seas (but apparently a species complex, with *vulpes* limited to western Atlantic and Caribbean).

**Habitat:** brackish, marine.

(*bahiensis*) [Reise nach Griechenland und der Türkei; ref. 13] Type information: Whitehead 1986:223 [ref. 5733].

Current status: Synonym of *Albula vulpes* (Linnaeus, 1758). *Albulidae: Albulinae*. Habitat: marine.

(*brasiliensis*) [M. E. Blochii, Systema Ichthyologiae; ref. 471] Brazil [presumed Recife].

Current status: Synonym of *Albula vulpes* (Linnaeus, 1758). *Albulidae: Albulinae*. Habitat: marine.

(*conorynchus*) [M. E. Blochii, Systema Ichthyologiae; ref. 471] Mediterranean Sea [? in error]; Antilles.

Current status: Synonym of *Albula vulpes* (Linnaeus, 1758). *Albulidae: Albulinae*. Habitat: marine.

(*costai*) [Catalogue of the apodal fish in the collection of the British Museum; ref. 2573] No locality, erroneously as Mediterranean Sea.

Current status: Synonym of *Albula vulpes* (Linnaeus, 1758). *Albulidae: Albulinae*. Habitat: marine.

(*forskalii*) [Reise nach Griechenland und der Türkei; ref. 13] Brazil.

Current status: Synonym of *Albula vulpes* (Linnaeus, 1758). *Albulidae: Albulinae*. Habitat: marine.

(*gronovii*) [Petri Artedi sueci genera piscium Part 3; ref. 4572] Mediterranean Sea.

Current status: Synonym of *Albula vulpes* (Linnaeus, 1758). *Albulidae: Albulinae*. Habitat: marine.

(*immaculata*) [M. E. Blochii, Systema Ichthyologiae; ref. 471] Locality not stated [Havana, Cuba].

Current status: Synonym of *Albula vulpes* (Linnaeus, 1758). *Albulidae: Albulinae*. Habitat: brackish, marine.

(*macrocephala*) [Histoire naturelle des poissons (Lacepède) v. 5; ref. 4930] Martinique Island, West Indies.

Current status: Synonym of *Albula vulpes* (Linnaeus, 1758). *Albulidae: Albulinae*. Habitat: marine.

(*parrae*) [Histoire naturelle des poissons v. 19; ref. 4883] Martinique Island, West Indies; Bahia; Rio de Janeiro, Brazil.

Current status: Synonym of *Albula vulpes* (Linnaeus, 1758). *Albulidae: Albulinae*. Habitat: marine.

(*plumieri*) [M. E. Blochii, Systema Ichthyologiae; ref. 471] Martinique Island, West Indies.

Current status: Synonym of *Albula vulpes* (Linnaeus 1758). *Albulidae: Albulinae*. Habitat: marine.

(*rostrata*) [Catalogue of fish collected and described by Laurence Theodore Gronow; ref. 1911] Mediterranean Sea; western Atlantic; Indian Ocean.

Current status: Synonym of *Albula vulpes* (Linnaeus, 1758). *Albulidae: Albulinae*. Habitat: marine.

(*sericus*) [Reise nach Griechenland und der Türkei; ref. 13] Type and locality information: Whitehead 1986:223 [ref. 5733].

Current status: Synonym of *Albula vulpes* (Linnaeus 1758). *Albulidae: Albulinae*.

**Species** *Albula glossodonta* (Forsskal, 1775) - **roundjaw bonefish, shortjaw bonefish**

[=*Argentina glossodonta* Forsskål [P. S.], 1775:68, xiii, *Argentina bonuk* Lacepède [B. G. E.], 1803:364, 367,

*Albula erythrocheilos* Valenciennes [A.], in Cuvier & Valenciennes, 1847:352, Pl. 574 [not 540]]

Notes: [Descriptiones animalium (Forsskål); ref. 1351] Jeddah, Saudi Arabia, Red Sea; [Lohajæ] Al-Luhayya, Yemen, Red Sea.

**Current status:** **Valid** as *Albula glossodonta* (Forsskål, 1775). *Albulidae: Albulinae*.

**Distribution:** Red Sea, Indo-West Pacific: East Africa, Seychelles, Madagascar and western Mascarenes east to Hawaiian Islands, north to southern Japan and Ogasawara Islands, south to Lord Howe Island.

**Habitat:** brackish, marine.

(*bonuk*) [Histoire naturelle des poissons (Lacepède) v. 5; ref. 4930] Red Sea.

Current status: Synonym of *Albula glossodonta* (Forsskål, 1775). *Albulidae: Albulinae*. Habitat: marine.  
(*erythrocheilos*) [Histoire naturelle des poissons v. 19; ref. 4883] Tonga Islands [Tongatapu].

Current status: Synonym of *Albula glossodonta* (Forster, 1775). *Albulidae: Albulinae*. Habitat: marine.

**Species** *Albula esuncula* (Garman, 1899) - **Eastern Pacific bonefish**

[=*Atopichthys esunculus* Garman [S.], 1899:327, Pl. 65 (figs. 2-2a)]

Notes: [Memoirs of the Museum of Comparative Zoology v. 24; ref. 1540] Off Acapulco, Mexico.

**Current status:** **Valid** as *Albula esuncula* (Garman, 1899). *Albulidae: Albulinae*.

**Distribution:** Southern Gulf of California, Mexico, to at least San Pablo, Ecuador.

**Habitat:** marine.

**Species** *Albula gilberti* Pfeiler & van der Heiden, in Pfeiler et al., 2011 - **Cortez bonefish**

[=*Albula gilberti* Pfeiler [E.] & van der Heiden [A. M.], in Pfeiler, van der Heiden, Ruboyianes & Watt, 2011:6, Figs. 1A-2A]

Notes: [Zootaxa No. 3088; ref. 31589] Isla Venados (exposed side) El Playón, Mazatlan, Sinaloa, Mexico.

**Current status:** **Valid** as *Albula gilberti* Pfeiler & van der Heiden, 2011. *Albulidae: Albulinae*.

**Distribution:** Coastal waters of California, USA, to Gulf of California, Mexico.

**Habitat:** marine.

**Species** *Albula goreensis* Valenciennes, in Cuvier & Valenciennes, 1847 - **Goree bonefish** (author)

[=*Albula goreensis* Valenciennes [A.], in Cuvier & Valenciennes, 1847:342]

Notes: [Histoire naturelle des poissons v. 19; ref. 4883] Gorée, Senegal.

**Current status:** **Valid** as *Albula goreensis* Valenciennes, 1847. *Albulidae: Albulinae*.

**Distribution:** Eastern Atlantic: Senegal to Angola.

**Habitat:** marine.

**Species** *Albula koreana* Kwun & Kim, 2011 - **Korean bonefish**

[=*Albula koreana* Kwun [H. J.] & Kim [J. K.], 2011:58, Figs. 1A-B, 2A]

Notes: [Zootaxa No. 2903; ref. 31334] 35°11'N, 129°13'E, Sirang-ri, Gijang-gun, Busan, Korea.

**Current status:** **Valid** as *Albula koreana* Kwun & Kim, 2011. *Albulidae: Albulinae*.

**Distribution:** Western North Pacific: Korea and Taiwan.

**Habitat:** marine.

**Species** *Albula nemoptera* (Fowler, 1911) - **threadfin bonefish**

[=*Dixonina nemoptera* Fowler [H. W.], 1911:652, Fig.]

**Notes:** [Proceedings of the Academy of Natural Sciences of Philadelphia v. 62 (for 1910); ref. 1381] Santo Domingo, Dominican Republic, West Indies.

**Current status:** **Valid** as *Albula nemoptera* (Fowler, 1911). *Albulidae: Albulinae*.

**Distribution:** Western Atlantic and eastern Pacific.

**Habitat:** brackish, marine.

**Species** *Albula oligolepis* Hidaka et al., 2008 - **smallscale bonefish**

[=*Albula oligolepis* Hidaka [K.], Iwatsuki [Y.] & Randall [J. E.], 2008:59, Fig. 3]

**Notes:** [Ichthyological Research v. 55 (no. 1); ref. 29526] Durban, KwaZulu-Natal, South Africa, southwestern Indian Ocean.

**Current status:** **Valid** as *Albula oligolepis* Hidaka, Iwatsuki & Randall, 2008. *Albulidae: Albulinae*.

**Distribution:** Indo-West Pacific: South Africa, East Africa and Réunion (western Mascarenes) east to western Thailand and southeastern Australia.

**Habitat:** brackish, marine.

**Species** *Albula pacifica* (Beebe, 1942) - **shafted bonefish**

[=*Dixonina pacifica* Beebe [W.], 1942:43]

**Notes:** [Zoologica, Scientific Contributions of the New York Zoological Society v. 27 (no. 8); ref. 12324] Port Culebra, Costa Rica, 10°31'N, 85°40'W.

**Current status:** **Valid** as *Albula pacifica* (Beebe, 1942). *Albulidae: Albulinae*.

**Distribution:** Tropical Eastern Pacific.

**Habitat:** marine.

**Species** *Albula virgata* Jordan & Jordan, 1922 - **longjaw bonefish**

[=*Albula virgata* Jordan [D. S.] & Jordan [E. K.], 1922:6, Pl. 1 (fig. 1)]

Notes: [Memoirs of the Carnegie Museum v. 10 (no. 1); ref. 2487] Honolulu, Oahu Island, Hawaiian Islands.

**Current status:** **Valid** as *Albula virgata* Jordan & Jordan, 1922. *Albulidae: Albulinae.*

**Distribution:** Hawaiian Islands.

**Habitat:** marine

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**SUBFAMILY** *Pterothrissinae* Gill, 1893 - **gissus**

[=*Bathythrissidae*]

Notes: Name in prevailing recent practice

*Bathythrissidae* Günther, 1877:443 [ref. 2009] (family) *Bathythrissa* [family-group name not used as valid after 1899]

*Pterothrissidae* Gill, 1893b:131 [ref. 26255] (family) *Pterothrissus* [genus inferred from the stem, Article 11.7.1.1; family-group name used as valid by: Schultz with Stern 1948 [ref. 31938], Kamohara 1967, McAllister 1968 [ref. 26854], Lindberg 1971 [ref. 27211], Nelson 1976 [ref. 32838], Shiino 1976, Greenwood 1977, Nelson 1984 [ref. 13596], Whitehead 1990 [ref. 19325], Nelson 1994 [ref. 26204], Eschmeyer 1998 [ref. 23416], Zhang 2001 [ref. 26586], Nelson 2006 [ref. 32486]]

**GENUS** *Nemoossis* Hidaka et al., 2016 - **longfin bonefishes**

[=*Nemoossis* Hidaka [K.], Tsukamoto [Y.] & Iwatsuki [Y.], 2016:[2]]

Notes: [ref. 34592]. Masc. *Pterothrissus bellocci* Cadenat, 1937. Type by original designation.

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

**Current status:** **Valid** as *Nemoossis* Cadenat, 1937. *Albulidae: Pterothrissinae.*

**Species** *Nemoossis bellocci* (Cadenat, 1937) - **longfin bonefish**

[=*Pterothrissus bellocci* Cadenat [J.], 1937:443, Figs. 8-9]

Notes: [Revue des Travaux de l'Institut des Pêches Maritimes v. 10 (fasc. 4, no. 40); ref. 17134] Senegal.

**Current status:** **Valid** as *Nemoossis bellocci* (Cadenat, 1937). *Albulidae: Pterothrissinae.*



**Distribution:** Eastern Atlantic.

**Habitat:** marine.

GENUS *Pterothrissus* Hilgendorf, 1877 - **gissus**

[=*Pterothrissus* Hilgendorf [F. M.], 1877:127, *Bathythrissa* Günther [A.], 1877:443]

Notes: [ref. 2165]. Masc. *Pterothrissus gissu* Hilgendorf, 1877. Type by monotypy. Prior to and senior synonym of *Bathythrissa* Günther, 1 Nov. 1877, *Pterothrissus* dating to 3 Sept. 1877 (see Goode & Bean 1896:51 [ref. 1848]).

•Valid as *Pterothrissus* Hilgendorf, 1877 -- (Schwarzhan 1981:80 [ref. 3988] on fossil otoliths and in *Pterothrissidae*, Uyeno in Masuda et al. 1984:21 [ref. 6441], Smith 1986:157 [ref. 5712], Shinohara et al. 2011:39 [ref. 31715]).

•Synonym of fossil genus *Istieus* Agassiz, 1844 -- (Robins 1989:18 [ref. 13483]).

**Current status:** Valid as *Pterothrissus* Hilgendorf, 1877. *Albulidae: Pterothrissinae*.

(*Bathythrissa*) [ref. 2009]. Fem. *Bathythrissa dorsalis* Günther, 1877. Type by monotypy. *Bathythrissa* dates to Nov. 1877.

•Junior synonym of *Pterothrissus* Hilgendorf (3 Sept.) 1877. Current status: Synonym of *Pterothrissus* Hilgendorf, 1877. *Albulidae: Pterothrissinae*.

Species *Pterothrissus gissu* Hilgendorf, 1877 - **Japanese gissu**

[=*Pterothrissus gissu* Hilgendorf [F. M.], 1877:127, *Bathythrissa dorsalis* Günther [A.], 1877:443]

Notes: [Leopoldina, Amtliches Organ der Kaiserlich Leopoldinisch-Carolinisch-Deutschen Akademie der Naturforscher. v. 13 (no. 15-16); ref. 2165] Japan seas.

**Current status:** Valid as *Pterothrissus gissu* Hilgendorf, 1877. *Albulidae: Pterothrissinae*.

**Distribution:** Western North Pacific.

**Habitat:** marine.

(*dorsalis*) [Annals and Magazine of Natural History (Series 4) v. 20 (no. 119) (art. 56); ref. 2009] Off Inoshima, Hiroshima Prefecture, Japan, Inland Sea, depth 345 fathoms? Current status: Synonym of *Pterothrissus gissu* Hilgendorf, 1877. *Albulidae: Pterothrissinae*.

Habitat: marine

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Unavailable names, uncertain taxa

(genera)

*Albula* Gronow [L. T.], 1763:102 [ref. 1910]. Fem. Not available, published in a rejected work on Official Index (Opinion 261); see Whitehead 1986:215 [ref. 5733]. •In the synonymy of *Albula* Scopoli, 1777 -- (Kottelat 2013:34 [ref. 32989]). *Albulidae: Albulinae*.

(species)

*Butyrinus bananus* Lacepède [B. G. E.] (ex Commerson), 1803:45, 46 [Histoire naturelle des poissons (Lacepède) v. 5; ref. 4930] Mauritius, Mascarenes, southwestern Indian Ocean. Holotype (unique): MNHN B-2166 (dry on sheet, no head). Type catalog: Bertin 1940:261 [ref. 293] but dating to later publication. Based on Commerson manuscript. Type information: Whitehead 1986:222 [ref. 5733]. •Synonym of *Albula vulpes* (Linnaeus, 1758) -- (Dor 1984:25 [ref. 29757], Whitehead 1986:221 [ref. 5733], Whitehead 1990:123 [ref. 19325]). •Unidentifiable -- (Randall & Bauchot 1999:82 [ref. 23836]). •Questionably a synonym of *Albula glossodonta* (Forsskål, 1775) -- (Fricke 1999:35 [ref. 24106], Kottelat 2013:36 [ref. 32989]). •Mention -- (Hidaka et al. 2008:62 [ref. 29526]). Current status: Uncertain as *Albula glossodonta* (Forsskål, 1775). *Albulidae: Albulinae*. Habitat: marine.

*Albula lacustris* Walbaum [J. J.], 1792:655 [Petri Artedi sueci genera piscium Part 3; ref. 4572] Not available, name mentioned in account of *Albula gronovii*. *Albulidae: Albulinae*.

*Albula unbarana* Castelnau [F. L.] (ex Marcgrave), 1855:53 [Animaux nouveaux or rares v. 2; ref. 766] Bahia, Brazil. No types known. Based on Marcgrave 1648:154 [ref. 19651]. *Albulidae: Albulinae*. Habitat: marine.